Mobile Resources

Designated Substance Survey

Pelican Falls First Nations High School

650 Pelican Falls Road, Sioux Lookout, ON

True Grit Engineering
1263 Innovation Drive
Thunder Bay, ON P7B 0A2
T: 807.626.5640

Contact: Jacquie Elvish, B.Sc., CRSP
Project Number: 17-805-01
Date: March 27, 2017
www.truegriteng.com

This report has been prepared by True Grit Engineering ("TGE") for the benefit of the client to whom it is addressed. The information and data contained herein represent TGE's best professional judgment in light of the knowledge and information available to TGE at the time of preparation. Except as required by law, this report and the information and data contained herein are to be treated as confidential and may be used and relied upon only by the client, its officers and employees. TGE denies any liability whatsoever to other parties who may obtain access to this report for any injury, loss or damage suffered by such parties arising from their use of, or reliance upon, this report or any of its contents without the express written consent of TGE and the client.

Executive Summary

True Grit Engineering (TGE) was retained by Mobile Resources (MR) to complete a Designated Substance Survey (DSS) of the buildings on site at the Pelican Falls First Nations High School, located at 650 Pelican Falls Road in Sioux Lookout, Ontario. The purpose of the work was to identify designated substances and other hazardous materials present in the 17 buildings at the subject property. The information in this report meets the requirements for an inventory of designated substances under both the Ontario Occupational Health and Safety Act (OHSA) and Ontario Regulation 278/05 (O. Reg. 278/05) made under the OHSA.

Field work was completed from February 22, 2017 to February 25, 2017 and consisted of an investigation for the presence of asbestos, lead, mercury, polychlorinated biphenyls (PCB), ozone-depleting substances (ODS), nuclear substances and evidence of potential mould growth, depending on the reported date of construction for the subject building. All buildings, regardless of construction date, were investigated for the presence of mercury, ODS, nuclear substances and potential mould growth. The investigations were minimally invasive. Hidden areas, such as those above or behind finished ceilings and walls, were viewed where accessible.

The 17 buildings at the subject property were reportedly constructed at various dates and were of varying design and use. Buildings were grouped, for the purpose of the current investigation, by the reported date of construction, similarity in design and information from the site contact regarding renovation dates. The following are the building groupings:

- **Residence #3** – Reportedly constructed in 1930, this building is a residence for students attending the high school from out of town and contains a separate staff apartment on the west side. It is a one storey building with a below grade basement. Based on the reported construction date the following substances were included in the investigation: asbestos, lead, mercury, PCB, ODS, nuclear substances and potential mould growth.

- **Residence #4** – Reportedly constructed in 1940, this building is a residence for students attending the high school from out of town. It is a one storey building with a walk-out basement. Based on the reported construction date the following substances were included in the investigation: asbestos, lead, mercury, PCB, ODS, nuclear substances and potential mould growth.

- **Maintenance Garage** – Reportedly constructed in 1975, this building is a work shop used by the facilities maintenance personnel. It is a single storey slab on grade building with three small outbuildings in close proximity to it. The outbuildings are all single storey wood framed sheds. Based on the reported construction date the following substances were included in the investigation: asbestos, lead, mercury, PCB, ODS, nuclear substances and potential mould growth.

- **Residences #1 and #2** – Reportedly constructed in 1977, these buildings are residences for students attending the high school from out of town. The buildings are of similar construction with one storey and a walk-out basement. Based on the reported construction date the following substances were included in the investigation: asbestos, lead, mercury, PCB, ODS, nuclear substances and potential mould growth.

- **Residences #7, #8 and #9** – Reportedly constructed in 1977, these buildings are residences for students attending the high school from out of town. The buildings are of similar construction with one storey and a walk-out basement. Based on the reported construction date the following substances were included in the investigation: asbestos, lead, mercury, PCB, ODS, nuclear substances and potential mould growth.

- **Residence #5** – Reportedly constructed in 1992, this building is a residence for students attending the high school from out of town. It is a single storey building with a walk-out basement. Based on the reported construction date the following substances were included in the investigation: asbestos, lead, mercury, PCB, ODS, nuclear substances and potential mould growth.

- **Residence #6** – Reportedly constructed in 1992, this building is a residence for students attending the high school from out of town. It is a single storey building with a walk-out basement. Based on the reported construction date the following substances were included in the investigation: asbestos, lead, mercury, PCB, ODS, nuclear substances and potential mould growth.

- **Staff Building** – Unknown construction date, this building is a residence for staff working at the high school from out of town. It is a single storey mobile home over a crawlspace. Since the construction date is unknown, the following substances were included in the investigation: asbestos, lead, mercury, PCB, ODS, nuclear substances and potential mould growth.

- **Recreation Hall (Den)** – Unknown construction date, this building is a recreation space for students attending the high school. It is a two-storey slab on grade building. Since the construction date is unknown, the following substances were included in the investigation: asbestos, lead, mercury, PCB, ODS, nuclear substances and potential mould growth.

- **Residences #11, #12, #13 and #14** – Reportedly constructed in 2000, these buildings are residences for students attending the high school from out of town. The buildings are of similar construction with two stories and a slab on grade foundation. Based on the reported construction date the following substances were included in the investigation: mercury, ODS, nuclear substances and potential mould growth.

- **High School** – Reportedly constructed in 2000, this building is where students attend classes. The building is a single storey structure, with a loft and a mechanical penthouse, over a dirt floor crawlspace. Based on the reported construction date the following substances were included in the investigation: mercury, ODS, nuclear substances and potential mould growth.

Based on the results of the assessment, the following summary table of conclusions and associated recommendations is presented. (Note: Complete descriptions and locations of building materials identified in the following summary table are provided within the text of the attached report.)

Summary of DSS Conclusions and Recommendations for Pelican Falls First Nations High School, Sioux Lookout, ON		
Substance	**Conclusions**	**Recommendations/Disposal Requirements**
Asbestos	Asbestos-containing materials (ACM) were identified in one of the seventeen subject buildings. Friable ACM (i.e. boiler insulation) and non-friable ACM (i.e. cement board and mud joint compound) were identified in Residence #3. Asbestos may be present in areas and materials that were not accessible as part of the current DSS or where sampling would have compromised the integrity of the building envelope or damaged finished surfaces.	O. Reg. 278/05 applies to all buildings where ACM were identified. There is no requirement to remove ACM that are in good condition and undisturbed. All work that will disturb ACM must follow procedures outlined in O. Reg. 278/05. Transportation of ACM (e.g. for disposal) can only be done by an Ontario Ministry of the Environment and Climate Change (MOECC) - licensed carrier. ACM can be disposed of in a licensed landfill willing to accept it. If renovation work or demolition is planned that will disrupt potential ACM or areas that could not be investigated, a fully invasive investigation should be completed. Samples should be collected and analyzed for asbestos prior to disturbance of these areas or materials.
Lead	Lead-containing paints were identified in five of the subject buildings. Lead solder was identified in four of the buildings. Paints that could not be sampled in sufficient quantity without causing unsightly damage to building finishes were identified as possibly lead-containing. Possible lead-containing paints were identified in eleven of the subject buildings. Emergency light fixtures were observed in the subject buildings. Batteries associated with emergency lights may contain lead. A room used for dental examinations in the High School may have lead sheeting in the wall cavities.	Contractors and staff engaged in renovation activities which will disturb identified lead-containing materials should follow the Ontario Ministry of Labour (MOL) document, *Guideline – Lead on Construction Projects.* Non-metallic building materials coated with lead-containing paints must not be disposed of until a sample of the material is submitted for toxicity characteristic leaching procedure (TCLP) analysis. TCLP analysis will determine if materials are leachate toxic according to Schedule 4 of Ontario Regulation 347 (O. Reg. 347). Leachate toxic materials must be disposed of as hazardous waste. If materials are determined to be leachate toxic, registration of the site as a generator of leachate toxic waste is also required. No special disposal procedures are required for lead sheeting or metals with lead-containing surface coatings or solder (or possible lead-containing) as long as the materials will be recycled. If renovations are planned that will disturb materials identified as possibly lead-containing, then either additional sampling and analysis should be completed or the materials should be treated as if they are lead-containing.

Summary of DSS Conclusions and Recommendations for Pelican Falls First Nations High School, Sioux Lookout, ON		
Substance	**Conclusions**	**Recommendations/Disposal Requirements**
		If the emergency lighting is taken out of service it should be examined to determine whether or not lead-acid batteries are associated with it. Waste batteries are excluded from the definition of subject waste in O. Reg. 347 as long as they are destined for an approved waste battery recovery facility. Lead-acid batteries can be transported for recycling without being registered or manifested.
Mercury	Mercury-containing fluorescent light tubes and compact fluorescent bulbs were observed in light fixtures throughout the seventeen subject buildings. Mercury containing thermostats were observed in thirteen of the subject buildings.	If removed from service, fluorescent light tubes and compact fluorescent light bulbs can be recycled. Mercury-containing thermostats are categorized as "common mercury waste" under O. Reg. 347. Common mercury waste can be transported to an approved mercury recovery or recycling facility without being registered or manifested. Maintain a mercury clean-up kit on site in case of breakage of one of the mercury-containing thermostats.
PCB	Fluorescent light fixtures were observed throughout the subject buildings. A representative number of ballasts were checked and identified as non-PCB containing; however, other ballasts may contain PCBs.	If removed from service, ballasts should be sorted and date codes should be compared to those listed in the Environment Canada document *Identification of Lamp Ballasts Containing PCBs*, dated 1991. Ballasts found to be PCB-containing or likely to be PCB-containing should be drummed and shipped for disposal via an MOECC-licensed carrier to an approved PCB waste processing facility. If more than 40 PCB ballasts will be disposed of at any time then registration of the site as a generator of PCB waste is required.
ODS	TGE observed freezers and refrigerators in the subject buildings. Refrigerants associated with these pieces of equipment can contain ODS.	Prior to disposal of equipment potentially containing ODS; retain the services of a licensed technician to purge refrigerants from the equipment. Purged and tagged equipment does not require special disposal.

Summary of DSS Conclusions and Recommendations for Pelican Falls First Nations High School, Sioux Lookout, ON		
Substance	**Conclusions**	**Recommendations/Disposal Requirements**
Nuclear Substances	Smoke detectors containing Americium 241 were observed in fifteen of the subject buildings.	If removed from service, smoke detectors should be carefully examined to determine the type and amount of nuclear substances inside them. Do not disassemble or take apart any of the interior components. If any of the smoke detectors are found to contain radium or more than 10 units containing americium 241 will be disposed of, contact a licensed waste carrier to package, remove and transport to a recycling facility. Smoke detectors can be transported to the recycling facility without being registered or manifested.
Mould	Evidence of potential water damage and/or mould was observed in Residence #3, #6, #7, #8, #9, #11, #12 and #13, the Staff Building, and the High School.	Investigate for and eliminate sources of indoor moisture (e.g. roof leaks and elevated indoor relative humidity). If occupants report symptoms consistent with potential mould indoor air quality (IAQ) impacts (e.g. allergic-type symptoms such as eye and nose irritation) then consider having a mould IAQ assessment completed for the building.

Table of Contents

Executive Summary i

1.0 Introduction 1

1.1 Background 1
1.2 Scope of Work 1
1.3 Previous Reports 2

2.0 Methodology 1

2.1 Visual and Intrusive Inspection 1
2.2 Functional Spaces 1
2.3 Asbestos 2
2.4 Lead 3
2.5 Mercury 3
2.6 PCB 4
2.7 ODS 4
2.8 Nuclear Substances 4
2.9 Mould 4

3.0 Results 5

3.1 Residence #3 5
3.1.1 Building Overview 5
3.1.1.1 General Building Overview 5
3.1.1.2 Mechanical Systems 5
3.1.1.3 Exterior and Interior Building Materials 5
3.1.2 Asbestos 6
3.1.2.1 Friable 6
3.1.2.2 Non-Friable 6
3.1.2.3 Non-Asbestos-Containing Materials 7
3.1.2.4 Other Materials Not Sampled 7
3.1.3 Lead 7
3.1.4 Mercury 8
3.1.5 PCB 8
3.1.6 ODS 8
3.1.7 Nuclear Substances 8
3.1.8 Mould 9
3.2 Residence #4 9
3.2.1 Building Overview 9
3.2.1.1 General Building Overview 9
3.2.1.2 Mechanical Systems 9
3.2.1.3 Exterior and Interior Building Materials 9
3.2.2 Asbestos 10

3.2.2.1 Friable 10
3.2.2.2 Non-Friable 10
3.2.2.3 Non-Asbestos-Containing Materials 10
3.2.2.4 Other Materials Not Sampled 10
3.2.3 Lead 11
3.2.4 Mercury 11
3.2.5 PCB 12
3.2.6 ODS 12
3.2.7 Nuclear Substances 12
3.2.8 Mould 12
3.3 Maintenance Garage 12
3.3.1 Building Overview 12
3.3.1.1 General Building Overview 12
3.3.1.2 Mechanical Systems 12
3.3.1.3 Exterior and Interior Building Materials 12
3.3.2 Asbestos 13
3.3.2.1 Friable 13
3.3.2.2 Non-Friable 13
3.3.2.3 Non-Asbestos-Containing Materials 13
3.3.2.4 Other Materials Not Sampled 14
3.3.3 Lead 14
3.3.4 Mercury 15
3.3.5 PCB 15
3.3.6 ODS 15
3.3.7 Nuclear Substances 15
3.3.8 Mould 15
3.4 Residences #1 and #2 15
3.4.1 Building Overview 15
3.4.1.1 General Building Overview 15
3.4.1.2 Mechanical Systems 15
3.4.1.3 Exterior and Interior Building Materials 16
3.4.2 Asbestos 16
3.4.2.1 Friable 16
3.4.2.2 Non-Friable 16
3.4.2.3 Non-Asbestos-Containing Materials 16
3.4.2.4 Other Materials Not Sampled 17
3.4.3 Lead 17
3.4.4 Mercury 18
3.4.5 PCB 18
3.4.6 ODS 18
3.4.7 Nuclear Substances 18
3.4.8 Mould 18
3.5 Residences #7, #8 and #9 19
3.5.1 Building Overview 19
3.5.1.1 General Building Overview 19
3.5.1.2 Mechanical Systems 19
3.5.1.3 Exterior and Interior Building Materials 19

3.5.2 Asbestos 20
3.5.2.1 Friable 20
3.5.2.2 Non-Friable 20
3.5.2.3 Non-Asbestos-Containing Materials 20
3.5.2.4 Other Materials Not Sampled 20
3.5.3 Lead 21
3.5.4 Mercury 21
3.5.5 PCB 21
3.5.6 ODS 21
3.5.7 Nuclear Substances 22
3.5.8 Mould 22
3.6 Residence #5 22
3.6.1 Building Overview 22
3.6.1.1 General Building Overview 22
3.6.1.2 Mechanical Systems 22
3.6.1.3 Exterior and Interior Building Materials 22
3.6.2 Asbestos 23
3.6.2.1 Friable 23
3.6.2.2 Non-Friable 23
3.6.2.3 Non-Asbestos-Containing Materials 23
3.6.2.4 Other Materials Not Sampled 23
3.6.3 Lead 24
3.6.4 Mercury 24
3.6.5 PCB 25
3.6.6 ODS 25
3.6.7 Nuclear Substances 25
3.6.8 Mould 25
3.7 Residence #6 25
3.7.1 Building Overview 25
3.7.1.1 General Building Overview 25
3.7.1.2 Mechanical Systems 25
3.7.1.3 Exterior and Interior Building Materials 25
3.7.2 Asbestos 26
3.7.2.1 Friable 26
3.7.2.2 Non-Friable 26
3.7.2.3 Non-Asbestos-Containing Materials 26
3.7.2.4 Other Materials Not Sampled 27
3.7.3 Lead 27
3.7.4 Mercury 28
3.7.5 PCB 28
3.7.6 ODS 28
3.7.7 Nuclear Substances 28
3.7.8 Mould 28
3.8 Staff Building 28
3.8.1 Building Overview 28
3.8.1.1 General Building Overview 28
3.8.1.2 Mechanical Systems 28

3.8.1.3 Exterior and Interior Building Materials 29
3.8.2 Asbestos 29
3.8.2.1 Friable 29
3.8.2.2 Non-Friable 29
3.8.2.3 Non-Asbestos-Containing Materials 29
3.8.2.4 Other Materials Not Sampled 30
3.8.3 Lead 30
3.8.4 Mercury 30
3.8.5 PCB 30
3.8.6 ODS 31
3.8.7 Nuclear Substances 31
3.8.8 Mould 31
3.9 Recreation Hall (Den) 31
3.9.1 Building Overview 31
3.9.1.1 General Building Overview 31
3.9.1.2 Mechanical Systems 31
3.9.1.3 Exterior and Interior Building Materials 31
3.9.2 Asbestos 32
3.9.2.1 Friable 32
3.9.2.2 Non-Friable 32
3.9.2.3 Non-Asbestos-Containing Materials 32
3.9.2.4 Other Materials Not Sampled 32
3.9.3 Lead 33
3.9.4 Mercury 33
3.9.5 PCB 33
3.9.6 ODS 33
3.9.7 Nuclear Substances 33
3.9.8 Mould 33
3.10 High School 34
3.10.1 Building Overview 34
3.10.1.1 General Building Overview 34
3.10.1.2 Mechanical Systems 34
3.10.1.3 Exterior and Interior Building Materials 34
3.10.2 Asbestos 35
3.10.3 Lead 35
3.10.4 Mercury 35
3.10.5 PCB 35
3.10.6 ODS 35
3.10.7 Nuclear Substances 35
3.10.8 Mould 35
3.11 Residences #11, #12, #13 and #14 36
3.11.1 Building Overview 36
3.11.1.1 General Building Overview 36
3.11.1.2 Mechanical Systems 36
3.11.1.3 Exterior and Interior Building Materials 36
3.11.2 Asbestos 36
3.11.3 Lead 37

3.11.4 Mercury 37
3.11.5 PCB 37
3.11.6 ODS 37
3.11.7 Nuclear Substances 37
3.11.8 Mould 37

4.0 Discussion 38

4.1 Asbestos 38
4.2 Lead 39
4.3 Mercury 41
4.4 PCB 41
4.5 ODS 42
4.6 Nuclear Substances 42
4.7 Mould 42

5.0 Conclusions 44

6.0 Recommendations 46

7.0 Closure 49

Figures

Figure 1: Site Location Plan
Figure 2: Recreation Hall – Sample Locations
Figure 3: Staff Building – Sample Locations
Figure 4: Maintenance Garage - Sample Locations
Figure 5: Residence #1 – Sample Locations
Figure 6: Residence #2 - Sample Locations
Figure 7: Residence #3 – Upper Level - Sample Locations
Figure 8: Residence #3 – Upper Level – General Location of Identified Asbestos-Containing Materials
Figure 9: Residence #3 – Lower Level - Sample Locations
Figure 10: Residence #3 – Lower Level - General Location of Identified Asbestos-Containing Materials
Figure 11: Residence #4 – Sample Locations
Figure 12: Residence #5 – Sample Locations
Figure 13: Residence #6 – Sample Locations
Figure 14: Residence #7 – Sample Locations
Figure 15: Residence #8 – Samples Locations
Figure 16: Residence #9 – Samples Locations

Appendices

Appendix A: Photographs
Appendix B: Laboratory Certificates of Analysis
Appendix C: Field Data Sheets
Appendix D: Summary of Asbestos Information
Appendix E: Summary of Lead Results

1.0 Introduction

True Grit Engineering (TGE) was retained by Mobile Resources (MR) to complete a Designated Substance Survey (DSS) for seventeen buildings at the Pelican Falls First Nations High School located at 650 Pelican Falls Road in Sioux Lookout, Ontario. The purpose of the work was to identify designated substances and other hazardous materials present in the subject buildings. The information in this report meets the requirements for an inventory of designated substances under both Section 30 of the Ontario Occupational Health and Safety Act (OHSA) (Part III) and Ontario Regulation 278/05 (O. Reg. 278/05) made under the OHSA. The investigation was minimally invasive and areas hidden from view, such as the interiors of wall cavities or above solid ceilings, were viewed where accessible. If major renovations, including demolition, are planned for the subject buildings then additional destructive investigation may be required to access areas hidden from view.

1.1 Background

Pelican Falls First Nations High School is an academic facility that is attended by students from First Nation communities in Northwestern Ontario. The facility comprises residences, the high school, a recreation hall, and a maintenance garage. Seventeen separate buildings, constructed from 1930 to 2000, were included in the investigation.

TGE understands that one of the student residences, identified as Residence #10, is no longer present at the site since it was reportedly demolished.

1.2 Scope of Work

The scope of work for this assignment consisted of the identification of designated substances and other hazardous materials at the subject property. The OHSA identifies the following as designated substances:

Acrylonitrile	Arsenic
Asbestos	Benzene
Coke Oven Emissions	Ethylene Oxide
Isocyanates	Lead
Mercury	Silica
Vinyl Chloride	

Given the construction history of the subject buildings and the nature of operations conducted on site, the designated substances considered for investigation were asbestos, lead and mercury. Silica is also likely present in the concrete and mortar in the buildings. Formal inclusion of silica into the survey, beyond this statement, was not considered necessary. In addition, polychlorinated biphenyls (PCB), ozone-depleting substances (ODS), nuclear substances and evidence of potential mould growth were included in this assessment.

The project involved a thorough inspection of the subject buildings to identify building materials and to collect samples of suspected asbestos and lead-containing materials. Materials suspected to contain asbestos were sampled in accordance with the requirements of O. Reg. 278/05.

1.3 Previous Reports

MR provided TGE with copies of the following reports for the subject property:

- *Compliance Monitoring Site Visit, Residence no.1, Pelican Falls First Nations High School, Sioux Lookout, ON, Project PSPC Ref: R. 084029.001*, dated November 30, 2016.
- *Compliance* Monitoring *Site Visit, Residence no.2, Pelican Falls First Nations High School, Sioux Lookout, ON, Project PSPC Ref: R. 084029.001*, dated November 30, 2016.
- *Compliance Monitoring Site Visit, Residence no.3, Pelican Falls First Nations High School, Sioux Lookout, ON, Project PSPC Ref: R. 084029.001*, dated November 30, 2016.
- *Compliance Monitoring Site Visit, Residence no.4, Pelican Falls First Nations High School, Sioux Lookout, ON, Project PSPC Ref: R. 084029.001*, dated November 30, 2016.
- *Compliance Monitoring Site Visit, Residence no.5, Pelican Falls First Nations High School, Sioux Lookout, ON, Project PSPC Ref: R. 084029.001*, dated November 30, 2016.
- *Compliance Monitoring Site Visit, Residence no.6, Pelican Falls First Nations High School, Sioux Lookout, ON, Project PSPC Ref: R. 084029.001*, dated November 30, 2016.
- *Compliance Monitoring Site Visit, Residence no.7, Pelican Falls First Nations High School, Sioux Lookout, ON, Project PSPC Ref: R. 084029.001, dated November 30, 2016.*
- *Compliance Monitoring Site Visit, Residence no.8, Pelican Falls First Nations High School, Sioux Lookout, ON, Project PSPC Ref: R. 084029.001, dated November 30, 2016.*
- *Compliance Monitoring Site Visit, Residence no.9, Pelican Falls First Nations High School, Sioux Lookout, ON, Project PSPC Ref: R. 084029.001*, dated November 30, 2016.
- *Compliance Monitoring Site Visit, Residence no.11, Pelican Falls First Nations High School, Sioux Lookout, ON, Project PSPC Ref: R. 084029.001, dated November 30, 2016.*
- *Compliance Monitoring Site Visit, Residence no.12, Pelican Falls First Nations High School, Sioux Lookout, ON, Project PSPC Ref: R. 084029.001, dated November 30, 2016.*
- *Compliance Monitoring Site Visit, Residence no.13, Pelican Falls First Nations High School, Sioux Lookout, ON, Project PSPC Ref: R. 084029.001, dated November 30, 2016.*
- *Compliance Monitoring Site Visit, Residence no.14, Pelican Falls First Nations High School, Sioux Lookout, ON, Project PSPC Ref: R. 084029.001, dated November 30, 2016.*
- *Compliance Monitoring Site Visit, Workshop/Garage/Storage Building, Pelican Falls First Nations High School, Sioux Lookout, ON, Project PSPC Ref: R. 084029.001*, dated November 30, 2016.

- *Compliance Monitoring Site Visit, Staff Building and Residence no. 10 (Abandoned and Demolished buildings), Pelican Falls First Nations High School, Sioux Lookout, ON*, *Project PSPC Ref: R. 084029.001*, dated November 30, 2016.

These reports contain the dates of construction for the buildings at the subject property and general descriptions of the buildings which TGE used in preparing the scope of work for the current assessment.

2.0 Methodology

2.1 Visual and Intrusive Inspection

Mr. Mike Broere, M.Sc., TGE Air Quality Scientist, and Mr. Jesse Anderson, Dipl., TGE Environmental Technician, inspected all accessible areas (interior and exterior) of the subject buildings on February 22nd to 25th, 2017. The site contact was Mr. Glen Stewart, Pelican Falls First Nations High School Maintenance Supervisor. The inspection, requested by MR, involved a methodical visual assessment of every accessible room and space in the buildings for building materials and equipment that could contain asbestos, lead, mercury, PCB, ODS, nuclear substances and potential mould growth. The inspection was minimally invasive and hidden areas, such as those above or behind solid finished ceilings or walls and the interior of hollow concrete block, were viewed where accessible.

Heavy snow cover on the days of the site investigation did not allow for investigation of the property for building materials that may be left as remnants of a previously demolished building (i.e. Residence #10) at the site.

2.2 Functional Spaces

The seventeen buildings at the subject property were reportedly constructed from approximately 1930 to 2000. Buildings were grouped based on the date of construction, similarity in use and layout and information from the site contact. The following are the building groupings (listed from oldest to newest):

- Residence #3 – one storey residential building with a below grade basement and a separate staff apartment;
- Residence #4 – one storey residential building with a walk-out basement;
- The Maintenance Garage including surrounding storage sheds – one storey maintenance shop and three small wood frame sheds;
- Residence #1 and #2 – one storey residential buildings with walk-out basements;
- Residence #7, #8 and #9 – one storey residential buildings with walk-out basements;
- Residence #5 – one storey residential building with a walk-out basement;
- Residence #6 – one storey residential building with a walk-out basement;
- The Staff Building – one storey residential building over a crawlspace;
- The Recreation Hall (Den) – two storey recreation building;
- The High School – one storey school over a crawlspace with a loft area and mechanical penthouses; and
- Residence #11, #12, #13 and #14 – two storey residential buildings.

Each building or grouping of buildings was considered to be a separate functional space for the purposes of the investigation. Building materials were sampled for each functional space and the results were applied to all buildings within a given functional space.

2.3 Asbestos

Asbestos was used widely in building materials prior to 1995. Typical asbestos-containing building materials include, but are not limited to, thermal system insulation (TSI), flooring, plaster, stucco, mud joint compound (MJC) associated with finished gypsum board and ceiling tiles (CT). Building materials containing asbestos can still be purchased for limited applications (e.g. high temperature or corrosive applications); however, asbestos is not expected to be found in most building materials purchased and installed after 1995.

A visual inspection of accessible rooms and areas in the subject buildings was conducted to identify materials that could contain asbestos. Where materials suspected to contain asbestos were identified, bulk samples of the materials were collected. Where appropriate, prior to sampling suspected friable asbestos-containing materials (ACMs), the investigator donned a negative pressure half-mask respirator equipped with high efficiency particulate air (HEPA) filter cartridges. Prior to disturbance, the area or material to be sampled was sprayed with a detergent and water solution (i.e. amended water) to minimize the generation of dust during sampling.

Samples of suspected materials were collected by cutting through all layers of materials to the underlying substrates using appropriate tools, such as a retractable knife, pliers or tin snips. Friable materials were regularly misted with amended water during sampling to ensure the material remained wet and to minimize the generation of airborne dust.

Each collected sample was immediately placed in a new zip-lock plastic sample bag and labelled with a unique sample identification number. The location of each sample was recorded on building floor plans and details of the sample (e.g. location, quantity, condition, friability, physical properties, etc.) were recorded on field sample logs prepared for each room or distinct area (please refer to Appendix C for copies of field data sheets).

The number of samples of each building material followed the requirements of Table 1 of O. Reg. 278/05 for each identified functional space, as follows:

Material	Size of Homogenous Area	Min. # of Samples
Surfacing Material applied by spraying or trowelling (i.e. acoustical ceiling plaster, fireproofing, etc.)	<90 m^2	3
	>90 m^2 but <450 m^2	5
	>450 m^2	7
Thermal Insulation	Unlimited	3
Thermal Insulation Patch	<2 m or <0.5 m^2	1
Other	Unlimited	3

Each group of samples for any one homogenous material was labelled using a distinct sample number followed by a letter, identifying the multiple representative samples collected for each material. Note that for visually similar materials (i.e. flooring that was the same colour, pattern and dimension as another) a single sampling group was identified and sampled.

Sampling tools were cleaned between samples using amended water to prevent sample cross-contamination. Repair of areas where samples were collected was outside the scope of this assessment and was not carried out as part of this contract.

Following sample collection, a qualitative assessment of the friability of the material was made. Where the material was considered capable of being crumbled or crushed with hand pressure, the material was identified as friable. All other materials were considered non-friable.

The quantity of suspected ACMs for each identified material was determined either by direct measurement using a measuring tape, laser distance measuring tool or, for inaccessible materials, by estimation.

Samples were shipped under Chain of Custody to International Asbestos Testing Laboratories (IATL), a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory, for analysis of bulk asbestos via Polarized Light Microscopy (PLM) following the U.S. Environmental Protection Agency Test Method EPA/600/R-93/116: *Method for the Determination of Asbestos in Bulk Building Materials*, dated June 1993. Where samples consisted of more than one distinct layer (e.g. vinyl floor tile, paper-type backing, mastic, etc.), each layer was analyzed and reported separately.

In accordance with O. Reg. 278/05, any bulk material containing 0.5% or more asbestos was classified as asbestos-containing.

2.4 Lead

Lead can be expected to be found in older paints, ceramic tile glazes, pipe joint solder and in domestic water service piping. Paints produced after 1995 are not expected to contain significant amounts of lead and buildings constructed in or around 1995 are not expected to contain lead paints. For older buildings, even if new, post 1995, paint has been applied, it is reasonable to expect that older, potentially lead-containing, paint may be present in base layers of paint.

Materials suspected to be lead-containing were collected and submitted to a qualified laboratory for analysis of lead content according to a standard method (acid digestion, inductively coupled plasma (ICP) elemental analysis). Where collection of a paint sample would cause unsightly damage of building finishes (e.g. painted walls and ceilings) or where collection was not practical (e.g. scraping paint from metal surfaces or metal solder), an instantaneous surface check method for lead content was used.

Batteries associated with emergency lighting may contain lead. Emergency light fixtures were noted. No further examination was considered necessary.

The Canadian Hazardous Products Act (CHPA) is responsible for defining surface coatings (including paint) as lead-containing. The CHPA definition of a lead-containing surface coating is one that contains more than 0.009% lead (weight %) and in the absence of provincial guidelines this is the definition used by TGE. Any sample containing more than 0.009% lead was classified as lead-containing.

2.5 Mercury

A visual examination was conducted for materials that could potentially contain elemental mercury (e.g. thermostats, thermometers, gauges and pump switches).

Fluorescent light tubes and mercury halide exterior lights can also contain mercury. Locations and approximate quantities of fluorescent and exterior light fixtures were noted. No further examination was considered necessary.

2.6 PCB

Fluorescent and mercury halide lamp ballasts manufactured prior to 1980 may contain PCB. PCB content is commonly noted on the ballasts either via a direct statement about PCB content or through a date code. Newer light fixtures may contain T8 style bulbs and these fixtures are not expected to contain PCB ballasts.

A visual examination of the subject area was conducted for fluorescent and mercury halide light fixtures. Light fixtures were noted and, where applicable, a representative number of ballasts were checked for date codes or other PCB labelling.

2.7 ODS

A visual examination was conducted for equipment that could potentially contain ODS (e.g. air-conditioning units, refrigerators and coolers). Locations and quantities of potential ODS-containing equipment were noted. No further examination was considered necessary.

2.8 Nuclear Substances

A visual examination was conducted for equipment that could potentially contain nuclear substances (e.g. smoke detectors and alarms). Locations and quantities of potential nuclear substance containing equipment were noted and, where possible, a representative number of smoke detectors were examined for labelling indicative of nuclear content. No further examination was considered necessary.

2.9 Mould

Mould growth requires the presence of mould spores, a nutrient source and moisture. Nutrient sources for mould growth consist of cellulosic materials (e.g. paper, wood, clothing and dust). Cellulose is a common component of many building materials and mould spores are ubiquitous so if there is sufficient moisture present in a building then there is a potential for mould growth. For the purposes of this assessment, evidence of potential mould growth was considered to be significant water staining, standing water or visible moisture, or blackening on building materials. Locations of these observations were noted. No further examination was considered necessary.

3.0 Results

Representative photographs of building areas are provided in Appendix A. A site layout is provided as Figure 1. Floor plans showing sample locations and the general location of identified ACM are provided as Figures 2 - 16. Laboratory Analytical Results are provided in Appendix B. Room numbers assigned by TGE are shown on the figures and on the field data sheets provided in Appendix C.

3.1 Residence #3

3.1.1 Building Overview

3.1.1.1 General Building Overview

Residence #3 is a single storey building with a below grade, poured concrete basement. The building has a vinyl siding exterior and a peaked asphalt shingled roof. There are two distinct functional areas within the subject building; a residence housing students attending the high school; and an apartment used by the high school staff. The main floor of the building comprises bedrooms, a living area, washrooms, kitchen, and dining room in the residence area and a kitchen, bedrooms and washroom in the apartment. The basement of the building comprises storage rooms, a laundry room, a mechanical room and an office space/boardroom. TGE understands that the building was constructed in approximately 1930.

3.1.1.2 Mechanical Systems

A fuel oil fired hot water radiant heating system was observed in the subject building. An electric hot water tank was also observed in the basement of the building. All of the piping associated with the hot water heating and the domestic water lines were observed to be uninsulated. A small amount of uninsulated ducting was observed in the mechanical room and appeared to be associated with either an exhaust system or a fresh air make up system.

3.1.1.3 Exterior and Interior Building Materials

Exterior and interior building finishes are summarized in Table 1 below:

Table 1: Summary of Building Finishes Observed
Residence #3
Pelican Falls First Nations High School

System	Materials
Exterior:	
Roof	• Peaked asphalt shingled
Exterior	• Vinyl siding • Cement board • Poured concrete
Interior:	
Ceiling	• Finished gypsum board • Ceiling tile (CT) • Cement board

Table 1: Summary of Building Finishes Observed Residence #3 Pelican Falls First Nations High School	
System	**Materials**
	• Wood joists and decking
Walls	• Finished gypsum board • Wood fibre board • Wooden shiplap • Poured concrete
Floors	• Poured concrete • Vinyl floor tile (VFT) • Vinyl sheet flooring (VSF)

3.1.2 Asbestos

Copies of the Laboratory Analytical Reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of asbestos results for all buildings at the subject property is provided in Appendix D. Please refer to the table in Appendix D for exact locations, condition and approximate quantities of identified ACM in the subject building.

3.1.2.1 Friable

Friable materials are defined as materials, that when dry, can be crumbled by hand pressure alone or those materials that exist in a crumbled state. The following friable materials in the subject building were sampled, analyzed and found to contain 0.5% or more asbestos:

- Soft grey TSI observed around an old boiler in the mechanical room (Room 19).

Identified friable ACMs were observed to be in good to fair condition with no fallen ACM observed.

3.1.2.2 Non-Friable

The following non-friable materials in the subject building were sampled, analyzed and found to contain 0.5% or more asbestos:

- mud joint compound (MJC) associated with finished gypsum board walls and ceilings on the east side of the main floor;
- cement board observed on interior walls and ceilings in Rooms 18 and 19; and
- cement board observed on exterior walls (under vinyl siding).

Identified non-friable ACMs were observed to be in good condition.

3.1.2.3 Non-Asbestos-Containing Materials

The following materials in the subject building were confirmed not to contain asbestos either through sampling and analysis or careful visual examination:

- VSF observed in the building (including associated mastic);
- VFT observed in the building;
- CT observed in the building;
- MJC observed on the west side of the main floor and in the basement;
- fabric building wrap under the exterior siding;
- exterior window caulking; and
- asphalt shingles.

3.1.2.4 Other Materials Not Sampled

The following building materials with the potential to contain asbestos may be present at the subject property but were not sampled either because the materials or systems were inaccessible, or to avoid causing unsightly damage or compromising the integrity of the building envelope. These materials should be considered and handled as ACM unless sampling and analysis proves otherwise.

Table 2: Summary of Possible Asbestos-Containing Materials
Residence #3
Pelican Falls First Nations High School

Location	Material	Friable?
Hollow metal doors	Insulation inside	Possible
Brick	Brick mortar	Possible
Pumps, valves, chimneys, boilers and tanks	Insulation or gaskets inside	Possible
Flooring	Multiple layers of flooring	Possible
Hollow walls or ceilings	Insulation inside	Possible
Attic	Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.	Possible

3.1.3 Lead

Painted surfaces and pipe joint solder associated with copper piping were field screened and/or submitted for laboratory analysis of lead content in accordance with the procedures outlined in the methodology during the current site investigation. Copies of the Laboratory Analytical Reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of lead results for the subject building is provided in Appendix E.

Please refer to the table in Appendix E for exact locations and descriptions of identified lead-containing materials (LCM) in the subject building.

The following lead paints were identified at the subject building:

- grey paint on gypsum board walls;
- white paint on wood trim and wood wall panels;
- white paint on gypsum board walls and ceilings;
- grey paint on metal doors;
- yellow paint on wood trim;
- yellow paint on poured concrete and cement board walls; and
- white paint on exterior wood doors and trim.

Five other paints were submitted for laboratory analysis and were identified as non-lead containing. Details on the description and locations of these materials is provided in Appendix E.

Solder on pipe joints throughout the subject building was identified as lead-containing.

Emergency lighting was observed in the subject building. The batteries associated with emergency lighting may contain lead.

3.1.4 Mercury

Fluorescent light bulbs were observed in the subject building. Each of these devices contains mercury.

One mercury containing thermostat was observed in the building.

3.1.5 PCB

Fluorescent light fixtures were observed in the subject building. The ballasts associated with older fluorescent light fixtures may contain PCB.

3.1.6 ODS

TGE observed freezers and refrigerators in the subject building. Refrigerants associated with these pieces of equipment can contain ODS.

3.1.7 Nuclear Substances

Smoke detectors containing Americium 241 were observed in the subject building.

3.1.8 Mould

Water damage was observed in the exterior stairwell (room 25) of the subject building. Water damaged gypsum board was observed on the walls and ceiling in this area. Hidden mould growth may be present on the backside of the gypsum board.

Water staining was also observed on overhead wooden joists in the basement.

3.2 Residence #4

3.2.1 Building Overview

3.2.1.1 General Building Overview

Residence #4 is a single storey building with a walkout basement. The building has a vinyl siding exterior and a peaked asphalt shingled roof. The building is used as housing for out of town students attending the high school. The main floor of the building comprises bedrooms, an office, a washroom, and a kitchen/dining room. The basement of the building comprises an open living area, a laundry area, a bedroom, a washroom, storage rooms, and a mechanical room. TGE understands that the building was constructed in approximately 1940.

3.2.1.2 Mechanical Systems

An electric forced air furnace and an electric hot water tank were observed in the basement of the building. All of the piping associated with the domestic water lines were observed to be uninsulated. All of the ducting associated with the forced air heating was observed to be uninsulated. A heat recovery ventilation (HRV) unit was also observed in the basement and a small amount of fibreglass insulation was observed around some ducting associated with it.

3.2.1.3 Exterior and Interior Building Materials

Exterior and interior building finishes are summarized in Table 3 below:

Table 3: Summary of Building Finishes Observed
Residence #4
Pelican Falls First Nations High School

System	Materials
Exterior:	
Roof	• Peaked asphalt shingled
Exterior	• Vinyl siding
Interior:	
Ceiling	• Finished gypsum board • Stippled ceiling finish • Ceiling tile (CT)
Walls	• Finished gypsum board
Floors	• Vinyl floor tile (VFT) • Vinyl sheet flooring (VSF)

Table 3: Summary of Building Finishes Observed Residence #4 Pelican Falls First Nations High School	
System	**Materials**
	• Carpet

3.2.2 Asbestos

Copies of the Laboratory Analytical Reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of asbestos results for all buildings at the subject property is provided in Appendix D.

3.2.2.1 Friable

Friable ACM were not identified at the subject building.

3.2.2.2 Non-Friable

Non-friable ACM were not identified at the subject building.

3.2.2.3 Non-Asbestos-Containing Materials

The following materials in the subject building were confirmed not to contain asbestos either through sampling and analysis or careful visual examination:

- VFT observed in the building (including associated mastic);
- VSF observed in the building;
- MJC associated with finished gypsum board throughout the building;
- stippled ceiling finish observed in the building;
- ceiling tile observed in the building;
- fibreglass duct insulation; and
- asphalt shingles.

3.2.2.4 Other Materials Not Sampled

The following building materials with the potential to contain asbestos may be present at the subject property but were not sampled either because the materials or systems were inaccessible, or to avoid causing unsightly damage or compromising the integrity of the building envelope. These materials should be considered and handled as ACM unless sampling and analysis proves otherwise.

Table 4: Summary of Possible Asbestos-Containing Materials Residence #4 Pelican Falls First Nations High School		
Location	**Material**	**Friable?**
Hollow metal doors	Insulation inside	Possible
Pumps, valves, chimneys, boilers and tanks	Insulation or gaskets inside	Possible
Flooring	Multiple layers of flooring	Possible
Hollow walls or ceilings	Insulation inside	Possible
Attic	Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.	Possible

3.2.3 Lead

Painted surfaces and pipe joint solder associated with copper piping were field screened and/or submitted for laboratory analysis of lead content in accordance with the procedure outlined in the methodology during the current site investigation. Copies of the Laboratory Analytical Reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of lead results for the subject building is provided in Appendix E.

No lead containing paints were identified in the subject building.

Eleven paints were submitted for laboratory analysis and were identified as non-lead containing. Details on the description and location of these materials is provided in Appendix E.

The following paints/materials were field screened for lead using an instantaneous spot check method and were determined to contain less than 0.06% lead content. The following materials are identified as possibly lead containing:

- green paint on metal stalls;
- white paint on metal soffit, fascia, and eavestrough; and
- solder on copper water lines.

Emergency lighting was observed in the subject building. The batteries associated with emergency lighting may contain lead.

3.2.4 Mercury

Fluorescent light bulbs were observed in the subject building. Each of these devices contains mercury.

One mercury containing thermostat was observed in the building.

3.2.5 PCB

Fluorescent light fixtures were observed in the subject building. The ballasts associated with older fluorescent light fixtures may contain PCB.

3.2.6 ODS

TGE observed freezers and refrigerators in the subject building. Refrigerants associated with these pieces of equipment can contain ODS.

3.2.7 Nuclear Substances

Smoke detectors containing Americium 241 were observed in the subject building.

3.2.8 Mould

Evidence of water damage or mould growth was not observed in the subject building.

3.3 Maintenance Garage

3.3.1 Building Overview

3.3.1.1 General Building Overview

The Maintenance Garage is a single storey slab on grade structure with a poured concrete foundation. The building has a vinyl siding exterior and a peaked asphalt shingled roof. The building comprises an open garage bay and work shop, a storage room and a washroom. There were three out buildings included with the Maintenance Garage inspection. The sheds have been identified in this report as Sheds 1, 2 and 3. All three sheds are wood framed structures with wood and vinyl siding exterior and asphalt shingled roofs. The sheds are used for storage. TGE understands that the Maintenance Garage was constructed in approximately 1975.

3.3.1.2 Mechanical Systems

A fuel oil fired forced air furnace was observed in the subject building. The ducting associated with the forced air heating system was observed to be uninsulated. Domestic water piping in the building was observed to be uninsulated.

3.3.1.3 Exterior and Interior Building Materials

Exterior and interior building finishes are summarized in Table 5 below.

Table 5: Summary of Building Finishes Observed Maintenance Garage and Storage Sheds Pelican Falls First Nations High School	
System	**Materials**
Exterior:	
Roof	• Peaked asphalt shingled
Exterior	• Vinyl siding • Wood siding
Interior:	
Ceiling	• Finished gypsum board • Wood joists and decking
Walls	• Finished gypsum board • Wood studs and OSB
Floors	• Poured concrete • Vinyl sheet flooring (VSF) • Plywood

3.3.2 Asbestos

Copies of the Laboratory Analytical Reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of asbestos results for all buildings at the subject property is provided in Appendix D.

3.3.2.1 Friable

Friable ACM were not identified at the subject buildings.

3.3.2.2 Non-Friable

Non-friable ACM were not identified at the subject buildings.

3.3.2.3 Non-Asbestos-Containing Materials

The following materials in the subject buildings were confirmed not to contain asbestos either through sampling and analysis or careful visual examination:

- MJC associated with finished gypsum board in the Maintenance Garage;
- asphalt shingles observed on the Maintenance Garage, Shed 1, 2 and 3; and
- VSF observed in Shed 2.

3.3.2.4 Other Materials Not Sampled

The following building materials with the potential to contain asbestos may be present at the subject property but were not sampled either because the materials or systems were inaccessible, or to avoid causing unsightly damage or compromising the integrity of the building envelope. These materials should be considered and handled as ACM unless sampling and analysis proves otherwise.

Table 6: Summary of Possible Asbestos-Containing Materials Maintenance Garage and Sheds 1, 2, and 3 Pelican Falls First Nations High School		
Location	**Material**	**Friable?**
Hollow metal doors	Insulation inside	Possible
Pumps, valves, chimneys, boilers and tanks	Insulation or gaskets inside	Possible
Hollow walls or ceilings	Insulation inside	Possible
Attic	Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.	Possible

3.3.3 Lead

Painted surfaces and pipe joint solder associated with copper piping were field screened and/or submitted for laboratory analysis of lead content in accordance with the procedure outlined in the methodology during the current site investigation. Copies of the laboratory analytical reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of lead results for the subject building is provided in Appendix E. Please refer to the table in Appendix E for exact locations and descriptions of identified lead-containing materials (LCM) in the subject building.

The following lead paints were identified at the subject buildings:

- brown paint on wood trim and cabinets in the Maintenance Garage; and
- blue paint on wood siding on Shed 2.

Five other paints were submitted for laboratory analysis and were identifies as non-lead containing. Details on the description and location of these materials is provided in Appendix E.

The following paints/materials were field screened for lead using an instantaneous spot check method and were determined to contain less than 0.06% lead content. The following materials are identified as possibly lead containing:

- white paint on metal doors on the Maintenance Garage;
- brown paint on metal fascia on Shed 1; and
- white paint on metal fascia on Shed 2.

Solder on pipe joints in the Maintenance Garage was identified as lead-containing.

Emergency light batteries were observed being stored in the Maintenance Garage. The batteries associated with emergency lighting may contain lead.

3.3.4 Mercury

Fluorescent light bulbs were observed in the Maintenance Garage. Each of these devices contains mercury.

One mercury containing thermostat was observed in the Maintenance Garage.

3.3.5 PCB

Fluorescent light fixtures were observed in the Maintenance Garage. The ballasts associated with older fluorescent light fixtures may contain PCB.

3.3.6 ODS

Equipment expected to contain ODS was not observed in the subject buildings.

3.3.7 Nuclear Substances

Equipment expected to contain nuclear substances (e.g. smoke detectors) was not observed in the subject buildings.

3.3.8 Mould

Water damaged gypsum board ceiling was observed in Room 1 of the Maintenance Garage. Hidden mould growth may be present on the backside of the gypsum board

3.4 Residences #1 and #2

3.4.1 Building Overview

3.4.1.1 General Building Overview

Residence #1 and #2 are of similar construction and vintage. They are single storey buildings with walkout basements. They have vinyl siding exteriors with peaked asphalt shingled roofs. The main floor of the buildings comprises bedrooms, washrooms, and a kitchen/dining area. The basement contains a living area, mechanical room, bedrooms, washroom and an office. TGE understands that the buildings were constructed in approximately 1977.

3.4.1.2 Mechanical Systems

Fuel oil fired forced air heating systems and hot water tanks were observed in the subject buildings. All of the piping associated with the domestic water lines was observed to be uninsulated.

The duct work associated with the forced air heating system was observed to be uninsulated. An HRV was observed in the basement and a small portion of the duct work associated with the HRV was observed to be insulated with fibreglass.

3.4.1.3 Exterior and Interior Building Materials

Exterior and interior building finishes are summarized in Table 7 below:

Table 7: Summary of Building Finishes Observed
Residence #1 and #2
Pelican Falls First Nations High School

System	Materials
Exterior:	
Roof	• Peaked asphalt shingled
Exterior	• Vinyl siding
Interior:	
Ceiling	• Finished gypsum board
Walls	• Finished gypsum board • Wood panelling
Floors	• Vinyl floor tile (VFT) • Vinyl sheet flooring (VSF)

3.4.2 Asbestos

Copies of the Laboratory Analytical Reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of asbestos results for all buildings at the subject property is provided in Appendix D.

3.4.2.1 Friable

Friable ACM were not identified at the subject buildings.

3.4.2.2 Non-Friable

Non-friable ACM were not identified at the subject buildings.

3.4.2.3 Non-Asbestos-Containing Materials

The following materials in the subject buildings were confirmed not to contain asbestos either through sampling and analysis or careful visual examination:

- VFT observed in Residences #1 and #2 (including associated mastic);
- MJC associated with finished gypsum board in Residences #1 and #2;
- VSF observed in Residences #1 and #2;

- fibreglass insulation on ductwork; and
- asphalt shingles observed on the roofs of Residence #1 and #2.

3.4.2.4 Other Materials Not Sampled

The following building materials with the potential to contain asbestos may be present at the subject property but were not sampled either because the materials or systems were inaccessible, or to avoid causing unsightly damage or compromising the integrity of the building envelope. These materials should be considered and handled as ACM unless sampling and analysis proves otherwise.

Table 8: Summary of Possible Asbestos-Containing Materials
Residence #1 and #2
Pelican Falls First Nations High School

Location	Material	Friable?
Hollow metal doors	Insulation inside	Possible
Pumps, valves, chimneys, boilers and tanks	Insulation or gaskets inside	Possible
Flooring	Multiple layers of flooring	Possible
Hollow walls or ceilings	Insulation inside	Possible
Attic	Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.	Possible

3.4.3 Lead

Painted surfaces and pipe joint solder associated with copper piping were field screened and/or submitted for laboratory analysis of lead content in accordance with the procedure outlined in the methodology during the current site investigation. Copies of the laboratory analytical reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of lead results for the subject building is provided in Appendix E. Please refer to the table in Appendix E for exact locations and descriptions of identified lead-containing materials (LCM) in the subject building.

The following lead paints were identified at the subject buildings:

- White paint on gypsum board walls and ceilings in Residences #1 and #2.

Ten other paints were submitted for laboratory analysis and were identified as non-lead containing. Details on the description and locations of these materials is provided in Appendix E.

The following paints were field screened for lead using an instantaneous spot check method and were determined to contain less than 0.06% lead content. The following materials are identified as possibly lead containing:

- white paint on wood trim, wall panelling and shelves in Residences #1 and #2;
- red paint on wood doors in Residences #1 and #2;

- light grey paint on gypsum board walls in Residences #1 and #2;
- grey paint on wood trim in Residences #1 and #2;
- green paint on wood doors in Residences #1 and #2;
- orange paint on wood doors in Residences #1 and #2;
- yellow paint on wood shelves in Residence #1;
- navy blue paint on metal doors in Residence #1; and
- blue paint on wood doors in Residence #2.

Solder on pipe joints throughout the subject buildings was identified as lead containing.

Emergency lighting was observed in the subject buildings. The batteries associated with emergency lighting may contain lead.

3.4.4 Mercury

Fluorescent light bulbs were observed in the subject buildings. Each of these devices contains mercury.

A mercury containing thermostat was observed in Residence #2.

3.4.5 PCB

Fluorescent light fixtures were observed in the subject building. One of the fixtures was opened and the ballast was examined for date codes or indications of PCB content. The ballast examined was determined to be non-PCB containing. The ballasts associated with older fluorescent light fixtures may contain PCB.

3.4.6 ODS

TGE observed freezers and refrigerators in the subject buildings. Refrigerants associated with these pieces of equipment can contain ODS.

3.4.7 Nuclear Substances

Smoke detectors containing Americium 241 were observed in Residences #1 and #2.

3.4.8 Mould

Evidence of water damage or mould growth was not observed in the subject buildings.

3.5 Residences #7, #8 and #9

3.5.1 Building Overview

3.5.1.1 General Building Overview

Residence #7, #8 and #9 are of similar construction and vintage. They are single storey buildings with walkout basements. The buildings have vinyl siding exteriors and peaked asphalt shingled roofs. They are used as housing for out of town students attending the high school. The main floor of the buildings comprises bedrooms, an office, a washroom, and a kitchen/dining room. The basement of the buildings contain an open living area, a laundry area, a bedroom, a washroom, storage rooms, and a mechanical room. TGE understands that the buildings were constructed in approximately 1977.

3.5.1.2 Mechanical Systems

An electric forced air furnace and an electric hot water tank were observed in the basements of each of the buildings. All of the piping associated with the domestic water lines was observed to be uninsulated. All of the ducting associated with the forced air heating was observed to be uninsulated. An HRV was observed in each basement as well and a small amount of fibreglass insulation was observed around some of the ducting associated with it.

3.5.1.3 Exterior and Interior Building Materials

Exterior and interior building finishes are summarized in Table 9 below:

Table 9: Summary of Building Finishes Observed
Residences #7, #8 and #9
Pelican Falls First Nations High School

System	Materials
Exterior:	
Roof	• Peaked asphalt shingled
Exterior	• Vinyl siding
Interior:	
Ceiling	• Finished gypsum board • Stippled ceiling finish • Ceiling tile (CT)
Walls	• Finished gypsum board • Wood fibre board
Floors	• Vinyl floor tile (VFT) • Vinyl sheet flooring (VSF) • Carpet

3.5.2 Asbestos

Copies of the Laboratory Analytical Reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of asbestos results for all buildings at the subject property is provided in Appendix D.

3.5.2.1 Friable

Friable ACM were not identified at the subject buildings.

3.5.2.2 Non-Friable

Non-friable ACM were not identified at the subject buildings.

3.5.2.3 Non-Asbestos-Containing Materials

The following materials in the subject buildings were confirmed not to contain asbestos either through sampling and analysis or careful visual examination:

- VFT observed in Residences #7, #8 and #9 (including associated mastic);
- stippled ceiling finish observed in Residences #7, #8 and #9;
- MJC associated with finished gypsum board in Residences #7, #8 and #9;
- CT observed in Residences #7, #8 and #9;
- fibreglass insulation on ductwork; and
- asphalt shingles on Residences #7, #8 and #9.

3.5.2.4 Other Materials Not Sampled

The following building materials with the potential to contain asbestos may be present at the subject property but were not sampled either because the materials or systems were inaccessible, or to avoid causing unsightly damage or compromising the integrity of the building envelope. These materials should be considered and handled as ACM unless sampling and analysis proves otherwise.

Table 10: Summary of Possible Asbestos-Containing Materials
Residence #7, #8 and #9
Pelican Falls First Nations High School

Location	Material	Friable?
Hollow metal doors	Insulation inside	Possible
Pumps, valves, chimneys, boilers and tanks	Insulation or gaskets inside	Possible
Flooring	Multiple layers of flooring	Possible
Hollow walls or ceilings	Insulation inside	Possible

Table 10: Summary of Possible Asbestos-Containing Materials Residence #7, #8 and #9 Pelican Falls First Nations High School		
Location	**Material**	**Friable?**
Attic	Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.	Possible

3.5.3 Lead

Painted surfaces and pipe joint solder associated with copper piping were field screened and/or submitted for laboratory analysis of lead content in accordance with the procedure outlined in the methodology during the current site investigation. Copies of the laboratory analytical reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of lead results for the subject building is provided in Appendix E.

No lead containing paints were identified in the subject buildings.

Seventeen paints were submitted for laboratory analysis and were identified as non-lead containing. Details on the description and location of these materials is provided in Appendix E.

The following paints/materials were field screened for lead using an instantaneous spot check method and were determined to contain less than 0.06% lead content. The following materials are identified as possibly lead containing:

- white paint on metal soffit and fascia on Residences #7, #8 and #9; and
- solder on copper water lines.

Emergency lighting was observed in the subject buildings. The batteries associated with emergency lighting may contain lead.

3.5.4 Mercury

Fluorescent light bulbs were observed in the subject buildings. Each of these devices contains mercury.

One mercury containing thermostat was observed in Residence #8 and one was observed in Residence #9.

3.5.5 PCB

Fluorescent light fixtures were observed in the subject buildings. One of the fixtures was opened and the ballast was examined for date codes or indications of PCB content. The ballast examined was determined to be non-PCB containing. The ballasts associated with older fluorescent light fixtures may contain PCB.

3.5.6 ODS

TGE observed freezers and refrigerators in the subject buildings. Refrigerants associated with these pieces of equipment can contain ODS.

3.5.7 Nuclear Substances

Smoke detectors containing Americium 241 were observed in Residences #7, #8 and #9.

3.5.8 Mould

Mould growth was observed on the gypsum board ceiling in the washroom (Room 7) of Residence #8. Water damaged ceiling tiles were observed in the basement living space and washroom of Residences #7, #8 and #9. Some water damaged gypsum board ceiling was observed in the office of Residence #7 (Room 5). Hidden mould growth may be present in these areas.

3.6 Residence #5

3.6.1 Building Overview

3.6.1.1 General Building Overview

Residence #5 is a single storey building with a walkout basement. The building has a vinyl siding exterior and peaked asphalt shingled roof. It is used as housing for out of town students attending the high school. The main floor of the building comprises bedrooms, an office, and a kitchen/dining room. The basement of the building contains an open living area, a laundry area, washrooms, and a mechanical room. TGE understands that the building was constructed in approximately 1992.

3.6.1.2 Mechanical Systems

An electric forced air furnace and hot water tank were observed in the basement of the building. All of the piping associated with the domestic water lines was observed to be uninsulated. All of the ducting associated with the forced air heating was observed to be uninsulated. An HRV was observed in the basement as well and a small amount of fibreglass insulation was observed around some of the ducting associated with it.

3.6.1.3 Exterior and Interior Building Materials

Exterior and interior building finishes are summarized in Table 11 below:

Table 11: Summary of Building Finishes Observed
Residences #5
Pelican Falls First Nations High School

System	Materials
Exterior:	
Roof	• Peaked asphalt shingled
Exterior	• Vinyl siding
Interior:	
Ceiling	• Finished gypsum board • Ceiling tile (CT)
Walls	• Finished gypsum board
Floors	• Vinyl floor tile (VFT)

Table 11: Summary of Building Finishes Observed Residences #5 Pelican Falls First Nations High School	
System	**Materials**
	• Vinyl sheet flooring (VSF) • Carpet

3.6.2 Asbestos

Copies of the Laboratory Analytical Reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of asbestos results for all buildings at the subject property is provided in Appendix D.

3.6.2.1 Friable

Friable ACM were not identified at the subject buildings.

3.6.2.2 Non-Friable

Non-friable ACM were not identified at the subject buildings.

3.6.2.3 Non-Asbestos-Containing Materials

The following materials in the subject buildings were confirmed not to contain asbestos either through sampling and analysis or careful visual examination:

- VFT observed in the building (including associated mastic);
- VSF observed in the building;
- MJC associated with finished gypsum board observed in the building;
- CT observed in the building;
- fibreglass insulation on ductwork; and
- asphalt shingles observed on the roof.

3.6.2.4 Other Materials Not Sampled

The following building materials with the potential to contain asbestos may be present at the subject property but were not sampled either because the materials or systems were inaccessible, or to avoid causing unsightly damage or compromising the integrity of the building envelope. These materials should be considered and handled as ACM unless sampling and analysis proves otherwise.

Table 12: Summary of Possible Asbestos-Containing Materials Residence #5 Pelican Falls First Nations High School		
Location	**Material**	**Friable?**
Hollow metal doors	Insulation inside	Possible
Pumps, valves, chimneys, boilers and tanks	Insulation or gaskets inside	Possible
Flooring	Multiple layers of flooring	Possible
Hollow walls or ceilings	Insulation inside	Possible
Attic	Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.	Possible

3.6.3 Lead

Painted surfaces and pipe joint solder associated with copper piping were field screened and/or submitted for laboratory analysis of lead content in accordance with the procedure outlined in the methodology during the current site investigation. Copies of the laboratory analytical reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of lead results for the subject building is provided in Appendix E.

No lead containing paints were identified in the subject building.

Ten paints were submitted for laboratory analysis and were identified as non-lead containing. Details on the description and location of these materials is provided in Appendix E.

The following paints/materials were field screened for lead using an instantaneous spot check method and were determined to contain less than 0.06% lead content. The following materials are identified as possibly lead containing:

- white paint on metal doors;
- white paint on metal soffit, fascia, and eavestrough; and
- solder on copper water lines.

Emergency lighting was observed in the subject building. The batteries associated with emergency lighting may contain lead.

3.6.4 Mercury

Fluorescent light bulbs were observed in the subject building. Each of these devices contains mercury.

One mercury containing thermostat was observed in the building.

3.6.5 PCB

Fluorescent light fixtures were observed in the subject building. The ballasts associated with older fluorescent light fixtures may contain PCB.

3.6.6 ODS

TGE observed freezers and refrigerators in the subject building. Refrigerants associated with these pieces of equipment can contain ODS.

3.6.7 Nuclear Substances

Smoke detectors containing Americium 241 were observed in the subject building.

3.6.8 Mould

Evidence of water damage or mould growth was not observed in the subject building.

3.7 Residence #6

3.7.1 Building Overview

3.7.1.1 General Building Overview

Residence #6 is a single storey building with a walkout basement. The building has a vinyl siding exterior and peaked asphalt shingled roof. It is used as housing for out of town students attending the high school. The main floor of the building comprises bedrooms, an office, a washroom and a kitchen/dining room. The basement of the building comprises an open living area, a laundry area, a washroom, a bedroom, and a mechanical room. TGE understands that the building was constructed in approximately 1992.

3.7.1.2 Mechanical Systems

An electric forced air furnace and hot water tank were observed in the basement of the building. All of the piping associated with the domestic water lines was observed to be uninsulated. All of the ducting associated with the forced air heating was observed to be uninsulated. An HRV was observed in the basement as well and a small amount of fibreglass insulation was observed around some of the ducting associated with it.

3.7.1.3 Exterior and Interior Building Materials

Exterior and interior building finishes are summarized in Table 13 below.

Table 13: Summary of Building Finishes Observed Residences #6 Pelican Falls First Nations High School	
System	**Materials**
Exterior:	
Roof	• Peaked asphalt shingled
Exterior	• Vinyl siding
Interior:	
Ceiling	• Finished gypsum board • Stippled ceiling finish • Ceiling tile (CT)
Walls	• Finished gypsum board • Wood fibre board
Floors	• Vinyl floor tile (VFT) • Vinyl sheet flooring (VSF) • Carpet

3.7.2 Asbestos

Copies of the laboratory analytical reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of asbestos results for all buildings at the subject property is provided in Appendix D.

3.7.2.1 Friable

Friable ACM were not identified at the subject building.

3.7.2.2 Non-Friable

Non-friable ACM were not identified at the subject building.

3.7.2.3 Non-Asbestos-Containing Materials

The following materials in the subject building were confirmed not to contain asbestos either through sampling and analysis or careful visual examination:

- VFT observed in the building (including associated mastic);
- VSF observed in the building;
- MJC associated with finished gypsum board throughout the building;
- stippled ceiling finish observed in the building;
- ceiling tile observed in the building;
- fibreglass insulation on ductwork; and

- asphalt shingles.

3.7.2.4 Other Materials Not Sampled

The following building materials with the potential to contain asbestos may be present at the subject property but were not sampled either because the materials or systems were inaccessible, or to avoid causing unsightly damage or compromising the integrity of the building envelope. These materials should be considered and handled as ACM unless sampling and analysis proves otherwise.

Table 14: Summary of Possible Asbestos-Containing Materials
Residence #6
Pelican Falls First Nations High School

Location	Material	Friable?
Hollow metal doors	Insulation inside	Possible
Pumps, valves, chimneys, boilers and tanks	Insulation or gaskets inside	Possible
Flooring	Multiple layers of flooring	Possible
Hollow walls or ceilings	Insulation inside	Possible
Attic	Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.	Possible

3.7.3 Lead

Painted surfaces and pipe joint solder associated with copper piping were field screened and/or submitted for laboratory analysis of lead content in accordance with the procedure outlined in the methodology during the current site investigation. Copies of the laboratory analytical reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of lead results for the subject building is provided in Appendix E. Please refer to the table in Appendix E for exact locations and descriptions of identified lead-containing materials (LCM) in the subject building.

The following lead paints were identified at the subject building:

- Green paint on wood doors.

Nine other paints were submitted for laboratory analysis and were identifies as non-lead containing. Details on the description and location of these materials is provided in Appendix E.

The following paints/materials were field screened for lead using an instantaneous spot check method and were determined to contain less than 0.06% lead content. The following materials are identified as possibly lead containing:

- beige paint on metal stalls;
- white paint on metal doors;
- white paint on metal soffit, fascia and eavestrough; and

- solder on copper water lines.

Emergency lighting was observed in the subject building. The batteries associated with the emergency lighting may contain lead.

3.7.4 Mercury

Fluorescent light bulbs were observed in the subject building. Each of these devices contains mercury.

Two mercury containing thermostats were observed in the building.

3.7.5 PCB

Fluorescent light fixtures were observed in the subject building. The ballasts associated with older fluorescent light fixtures may contain PCB.

3.7.6 ODS

TGE observed freezers and refrigerators in the subject building. Refrigerants associated with these pieces of equipment can contain ODS.

3.7.7 Nuclear Substances

Smoke detectors containing Americium 241 were observed in the subject building.

3.7.8 Mould

Water damaged and mouldy ceiling tiles were observed in the basement of this building.

3.8 Staff Building

3.8.1 Building Overview

3.8.1.1 General Building Overview

The Staff Building is a single storey building over a wood skirted crawlspace. The building has a wood and vinyl siding exterior and a peaked asphalt shingled roof. The building is used as housing for out of town staff working at the high school. The building comprises a bedroom, an open concept kitchen/dining/living area, a washroom, and a storage room. TGE does not have information on the construction date of this structure.

3.8.1.2 Mechanical Systems

An electric forced air furnace and hot water tank were observed in the subject building. All of the piping associated with the domestic water lines was observed to be uninsulated. Ducting associated with the forced air heating system is expected to be present in the crawlspace and was not observed during the site visit.

3.8.1.3 Exterior and Interior Building Materials

Exterior and interior building finishes are summarized in Table 15 below:

Table 15: Summary of Building Finishes Observed Staff Building Pelican Falls First Nations High School	
System	**Materials**
Exterior:	
Roof	• Peaked asphalt shingled
Exterior	• Vinyl siding • Wood siding
Interior:	
Ceiling	• Stippled ceiling finish
Walls	• Vinyl wall board
Floors	• Vinyl sheet flooring (VSF) • Carpet

3.8.2 Asbestos

Copies of the Laboratory Analytical Reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of asbestos results for all buildings at the subject property is provided in Appendix D.

3.8.2.1 Friable

Friable ACM were not identified at the subject building.

3.8.2.2 Non-Friable

Non-friable ACM were not identified at the subject building.

3.8.2.3 Non-Asbestos-Containing Materials

The following materials in the subject building were confirmed not to contain asbestos either through sampling and analysis or careful visual examination:

- VSF observed in the building;
- stippled ceiling finish; and
- asphalt shingles.

3.8.2.4 Other Materials Not Sampled

The following building materials with the potential to contain asbestos may be present at the subject property but were not sampled either because the materials or systems were inaccessible, or to avoid causing unsightly damage or compromising the integrity of the building envelope. These materials should be considered and handled as ACM unless sampling and analysis proves otherwise.

Table 16: Summary of Possible Asbestos-Containing Materials
Staff Building
Pelican Falls First Nations High School

Location	Material	Friable?
Hollow metal doors	Insulation inside	Possible
Pumps, valves, chimneys, boilers and tanks	Insulation or gaskets inside	Possible
Flooring	Multiple layers of flooring	Possible
Hollow walls or ceilings	Insulation inside	Possible
Attic	Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.	Possible

3.8.3 Lead

Painted surfaces were field screened and/or submitted for laboratory analysis of lead content in accordance with the procedure outlined in the methodology during the current site investigation. Copies of the laboratory analytical reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of lead results for the subject building is provided in Appendix E.

No lead containing paints were identified in the subject building.

One paint was submitted for laboratory analysis and was identified as non-lead containing. Details on the description and location of this material is provided in Appendix E.

The following paint was field screened for lead using an instantaneous spot check method and was determined to contain less than 0.06% lead content. The following material is identified as possibly lead containing:

- White paint on metal doors.

3.8.4 Mercury

Fluorescent light bulbs were observed in the subject building. Each of these devices contains mercury.

3.8.5 PCB

Fluorescent light fixtures were observed in the subject building. The ballasts associated with older fluorescent light fixtures may contain PCB.

3.8.6 ODS

TGE observed a refrigerator in the subject building. Refrigerants associated with this equipment can contain ODS.

3.8.7 Nuclear Substances

A smoke detector containing Americium 241 was observed in the subject building.

3.8.8 Mould

Water damaged stippled ceiling was observed above the laundry area in the subject building. Hidden mould may be present in this area.

3.9 Recreation Hall (Den)

3.9.1 Building Overview

3.9.1.1 General Building Overview

The Recreation Hall or Den is a two-storey building with a slab on grade foundation. The building has a wood siding exterior and a peaked asphalt shingled roof. It is used as recreation space for students attending the high school. The main floor of the building comprises an open recreation space containing pool tables, a kitchen, a mechanical room, and washrooms. The second floor is a loft above the washrooms, mechanical room and kitchen and comprises a television and music room. TGE does not have information on the construction date of this structure.

3.9.1.2 Mechanical Systems

An electric forced air furnace was observed in the building. All of the ducting associated with the forced air heating was observed to be uninsulated or insulated with fibreglass insulation. Supplemental electric baseboard heaters were observed on the second floor.

3.9.1.3 Exterior and Interior Building Materials

Exterior and interior building finishes are summarized in Table 17 below:

Table 17: Summary of Building Finishes Observed
Recreation Hall
Pelican Falls First Nations High School

System	Materials
Exterior:	
Roof	• Peaked asphalt shingled
Exterior	• Wood siding
Interior:	
Ceiling	• Finished gypsum board
Walls	• Finished gypsum board
Floors	• Vinyl sheet flooring (VSF)

3.9.2 Asbestos

Copies of the Laboratory Analytical Reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of asbestos results for all buildings at the subject property is provided in Appendix D.

3.9.2.1 Friable

Friable ACM were not identified at the subject building.

3.9.2.2 Non-Friable

Non-friable ACM were not identified at the subject building.

3.9.2.3 Non-Asbestos-Containing Materials

The following materials in the subject building were confirmed not to contain asbestos either through sampling and analysis or careful visual examination:

- VSF observed in the building;
- MJC associated with finished gypsum board throughout the building;
- fibreglass insulation on ductwork; and
- asphalt shingles.

3.9.2.4 Other Materials Not Sampled

The following building materials with the potential to contain asbestos may be present at the subject property but were not sampled either because the materials or systems were inaccessible, or to avoid causing unsightly damage or compromising the integrity of the building envelope. These materials should be considered and handled as ACM unless sampling and analysis proves otherwise.

Table 18: Summary of Possible Asbestos-Containing Materials
Recreation Hall
Pelican Falls First Nations High School

Location	Material	Friable?
Hollow metal doors	Insulation inside	Possible
Pumps, valves, chimneys, boilers and tanks	Insulation or gaskets inside	Possible
Flooring	Multiple layers of flooring	Possible
Hollow walls or ceilings	Insulation inside	Possible
Attic	Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.	Possible

3.9.3 Lead

Painted surfaces were field screened and/or submitted for laboratory analysis of lead content in accordance with the procedure outlined in the methodology during the current site investigation. Copies of the laboratory analytical reports are provided in Appendix B. Field data sheets are provided in Appendix C. A summary of lead results for the subject building is provided in Appendix E.

No lead containing paints were identified in the subject building.

Seven paints were submitted for laboratory analysis and were identified as non-lead containing. Details on the description and location of these materials is provided in Appendix E.

The following paint was field screened for lead using an instantaneous spot check method and was determined to contain less than 0.06% lead content. The following material is identified as possibly lead containing:

- Beige paint on metal stalls.

Emergency lighting was observed in the subject building. The batteries associated with emergency lighting may contain lead.

3.9.4 Mercury

Fluorescent light bulbs were observed in the subject building. Each of these devices contains mercury.

One mercury containing thermostat was observed in the building.

3.9.5 PCB

Fluorescent light fixtures were observed in the subject building. The ballasts associated with older fluorescent light fixtures may contain PCB.

3.9.6 ODS

TGE observed a refrigerator in the subject building. Refrigerants associated with this equipment can contain ODS.

3.9.7 Nuclear Substances

Smoke detectors containing Americium 241 were observed in the subject building.

3.9.8 Mould

Evidence of water damage or mould growth was not observed in the subject building.

3.10 High School

3.10.1 Building Overview

3.10.1.1 General Building Overview

The High School is a single storey structure over a dirt floor crawlspace with an open second floor loft and two mechanical room penthouses. The building has a stucco and brick exterior and a peaked corrugated metal roof. The building comprises offices, classrooms, a gymnasium, locker rooms, washrooms, a library, a workshop, and mechanical rooms. TGE understands that the High School was constructed in approximately 2000.

3.10.1.2 Mechanical Systems

Heating, ventilation and air conditioning (HVAC) units and hot water tanks were observed in a mechanical penthouse in the subject building. TGE understands that heat is provided to the school through a heat pump system that uses coils located in the nearby lake. Glycol heated by the heat pump system is passed through the HVAC units to distribute heat to the school. Ducting associated with the HVAC system was observed to be uninsulated or insulated with fibreglass insulation with a canvas wrap. Piping associated with the glycol heating system and the domestic water was observed to be insulated with fibreglass insulation with a canvas wrap.

3.10.1.3 Exterior and Interior Building Materials

Exterior and interior building finishes are summarized in Table 1 below:

Table 19: Summary of Building Finishes Observed
High School
Pelican Falls First Nations High School

System	Materials
Exterior:	
Roof	• Corrugated metal
Exterior	• Stucco • Brick
Interior:	
Ceiling	• Finished gypsum board • Ceiling tile (CT) • Corrugated metal • Poured concrete
Walls	• Finished gypsum board • Poured concrete • Concrete block • Ceramic tile • Wood panels
Floors	• Poured concrete • Vinyl sheet flooring (VSF) • Vinyl floor tile (VFT) • Hardwood

Table 19: Summary of Building Finishes Observed High School Pelican Falls First Nations High School	
System	**Materials**
	• Ceramic tile

3.10.2 Asbestos

Based on the reported construction date (2000) and the nature of activities at the subject building, asbestos is not expected to be present in any of the building materials on site.

3.10.3 Lead

Based on the reported construction date of the High School (2000), lead paints are not expected to be present in the building.

Emergency lighting was observed in the subject building. The batteries associated with emergency lighting may contain lead.

A dental/medical examination room was observed in the school which contained an x-ray machine. Lead sheeting may be present in the walls of this room.

3.10.4 Mercury

Fluorescent light bulbs were observed in the subject buildings. Each of these devices contains mercury.

3.10.5 PCB

Based on the reported construction date of the subject building (2000), PCBs are not expected to be present in ballasts associated with the fluorescent light fixtures.

3.10.6 ODS

TGE observed freezers and refrigerators in the subject building. Refrigerants associated with these pieces of equipment can contain ODS.

3.10.7 Nuclear Substances

Equipment expected to contain nuclear substances (e.g. smoke detectors) was not observed in the subject building.

3.10.8 Mould

Water damage was observed on ceiling tiles in the main office area of the High School. Water damaged gypsum board ceiling was observed in the nurses area and in various classrooms. Hidden mould may be associated with these water damaged materials.

3.11 Residences #11, #12, #13 and #14

3.11.1 Building Overview

3.11.1.1 General Building Overview

Residence #11, #12, #13 and #14 are of similar construction and vintage. They are two storey buildings with slab on grade foundations. The buildings have cement board siding exteriors and peaked asphalt shingled roofs. They are used as housing for out of town students attending the high school. The main floor of the buildings comprises a kitchen, living room, office, washroom, laundry room and a mechanical room. The second floor of the buildings comprises bedrooms, a washroom, a storage room and a study room. TGE understands that the buildings were constructed in approximately 2000.

3.11.1.2 Mechanical Systems

A fuel oil fired boiler was observed in each of the subject buildings. Piping associated with the boiler and domestic water was observed to be either uninsulated or insulated with fibreglass insulation. An HRV unit was observed in each mechanical room as well and a small amount of fibreglass insulation was observed around some of the ducting associated with it.

3.11.1.3 Exterior and Interior Building Materials

Exterior and interior building finishes are summarized in Table 20 below:

Table 20: Summary of Building Finishes Observed
Residences #11, #12, #13 and #14
Pelican Falls First Nations High School

System	Materials
Exterior:	
Roof	• Asphalt shingles
Exterior	• Cement board siding
Interior:	
Ceiling	• Finished gypsum board
Walls	• Finished gypsum board
Floors	• Vinyl sheet flooring (VSF) • Carpet

3.11.2 Asbestos

Based on the reported construction date (2000) and the nature of activities at the subject building, asbestos is not expected to be present in any of the building materials on site.

3.11.3 Lead

Based on the reported construction date (2000) lead paints are not expected to be present in the building.

Emergency lighting was observed in the subject building. The batteries associated with emergency lighting may contain lead.

3.11.4 Mercury

Fluorescent light bulbs were observed in the subject buildings. Each of these devices contains mercury.

Three mercury containing thermostats were observed in each building.

3.11.5 PCB

Based on the reported construction date of the subject building (2000), PCBs are not expected to be present in ballasts associated with the fluorescent light fixtures.

3.11.6 ODS

TGE observed freezers and refrigerators in the subject buildings. Refrigerants associated with these pieces of equipment can contain ODS.

3.11.7 Nuclear Substances

Smoke detectors containing Americium 241 were observed in the subject building.

3.11.8 Mould

Water damaged gypsum board ceilings were observed on the main floors of Residences #11, #12 and #13. Hidden mould growth may be associated with this water damage.

4.0 Discussion

4.1 Asbestos

Asbestos was used widely in building materials prior to 1995. Typical asbestos-containing building materials include, but are not limited to, thermal system insulation (TSI), flooring, plaster, stucco, mud joint compound (MJC) associated with finished drywall and ceiling tiles (CT). Building materials containing asbestos can still be purchased for limited applications (e.g. high temperature or corrosive applications or for institutional flooring where asbestos adds durability); however, asbestos is not expected to be found in most building materials purchased and installed after 1995.

Five of the buildings at the subject property were reportedly constructed in 2000 (Residences 11 – 14 and the high school). The only materials that would be suspected to be ACM are materials that might be subjected to high temperature or corrosive conditions such as welding curtains or rain water leaders. A visual assessment of these five buildings was conducted and no suspected ACM were observed.

ACM were identified in one of the twelve buildings at the subject property that were reportedly constructed prior to 1995. The requirements of O. Reg. 278/05 apply to the following building at the Pelican Falls First Nations High School site:

- Residence #3.

All of the ACM identified were observed to be in good to fair condition and, in general, if ACM are not in poor condition and will not be disturbed, there is no requirement to do anything other than monitor the condition of the ACM and inform occupants (i.e. tenants) that there are ACM in the building. It is important to inform occupants, especially maintenance personnel who work in the building, about the location of identified ACM to avoid accidental disturbance of these materials and potential contamination of the building with airborne asbestos fibres.

The following materials in buildings constructed prior to 1995 at the subject site may contain asbestos; however, sampling and analysis was not carried out either because the materials were inaccessible or to avoid causing unsightly damage, or compromising the integrity of the building envelope or operational equipment:

- interior of hollow metal doors;
- hidden or inaccessible ACM in crawlspaces or below grade;
- multiple layers of flooring;
- insulating materials above or behind solid ceilings and walls; and
- insulating materials inside pumps, valves, boilers and tanks.

The following spaces were not safely accessible at the time of the field work:

- crawlspace below the Staff Building; and
- attic spaces in Residences #1 - #9.

There is potential for ACM to be hidden in the above-noted spaces. Prior to any renovations that may disturb areas where there may be hidden ACM, a thoroughly invasive investigation, complete with sample collection and analysis, should be completed.

Hollow metal doors, especially those on mechanical or electrical rooms, may contain asbestos insulation on the interior. It was not considered reasonable to dismantle doors as part of this investigation. If renovations are planned that will involve disruption of any hollow metal doors in the buildings, the interior of the doors should be examined and any necessary samples collected at such time. Alternatively, the doors can be treated as ACM.

Asbestos-containing insulating materials including pipe or duct insulation may be present inside wall cavities and ceiling spaces. The wall cavities and ceiling spaces of the subject buildings were either inaccessible or could not be investigated without causing significant damage to the buildings. Although all of the piping and duct work observed at the subject site was either uninsulated or insulated with non-AC fibreglass insulation, it is possible that older insulation may be present inside of wall cavities or in ceiling spaces or attics. Destructive sampling should be carried out to determine whether ACM are present in these areas prior to any renovation or demolition activity that would disturb the walls or ceiling in the buildings.

It is common construction practice to install new flooring over existing flooring, sometimes with the addition of a plywood subfloor between layers. Sampling and analysis of all layers of flooring could not be completed without causing unsightly damage to building finishes. A destructive investigation for hidden flooring should be undertaken prior to renovations.

Pumps, valves, hot water tanks, chimneys, boilers, furnaces, motors and flanged pipe fittings may have AC gaskets and/or insulating materials. There is a potential that AC insulation, valves or gaskets are present inside equipment observed in the subject buildings. Prior to discarding out of-service equipment, an examination for ACM should be carried out. If suspected ACMs are encountered during renovation or demolition work, the material should be treated as asbestos unless sampling and analysis proves otherwise.

In addition to the seventeen buildings at the subject property that were included in the DSS, there is the possibility that areas hidden by the heavy snow cover during the DSS may contain ACM originating from the previously demolished Residence #10. Hidden ACM may include old floor tiles, insulated sections of piping or boiler components. If potential ACM are observed once the snow has melted these materials should be sampled and analyzed to determine asbestos content prior to any disturbance.

4.2 Lead

Lead can be expected to be found in older paints, ceramic tile glazes, pipe joint solder, domestic water service piping and lead sheeting. Paints produced after 1995 are not expected to contain significant amounts of lead and buildings constructed in or around 1995 are not expected to contain lead paints. Lead paints are not expected to be present in the five buildings at the subject property that were reportedly constructed in 2000 (Residences 11 – 14 and the high school) and no paint samples were collected for analysis.

One hundred and eight materials in the twelve buildings constructed prior to 1995 at the subject property were assessed for lead content as part of this investigation. A combination of techniques including laboratory analysis and an instantaneous spot check method were used to identify the presence of lead-containing materials. Laboratory analysis of materials allows identification of lead content as low as 0.009% lead as long as sufficient sample can be collected for analysis. Instantaneous spot check methods have a detection limit of 0.06% lead. The spot check method was used where it was not possible to collect a sufficient amount of sample for laboratory analysis (e.g. copper pipe solder or painted metal).

Lead containing paints were identified in the following buildings at the subject property:

- Residence #3;
- The Maintenance Garage;
- Residence #1;
- Residence #2; and
- Residence #6.

Lead-containing solder was identified in the Residence #3, the Maintenance Garage, Residence #1 and Residence #2.

Identified LCM were observed to be in good to fair condition and do not require attention other than monitoring for deterioration. Activities which may disturb identified LCM should be carried out according to methods described in the Ontario Ministry of Labour (MOL) document *Guideline – Lead on Construction Projects* (the Guideline), dated September 2004. As with identified ACM, it is important to inform maintenance personnel working in the building about the location of identified LCM to avoid accidental disturbance and potential contamination of the building with lead dust.

Potential lead-containing paints were identified in eleven of the pre-1995 buildings at the subject property. These are materials that could not be identified as having less than 0.009% lead content. If these materials will be disturbed, then further sampling and analysis should be completed to determine the lead content or they should be treated as if they are lead-containing.

Emergency lighting was observed in the buildings at the subject site. The batteries associated with emergency lighting may be lead-containing and if taken out of service, they should be examined to determine whether or not they are lead-acid batteries. Waste batteries are excluded from the definition of subject waste in Ontario Regulation 347 (O. Reg. 347) made under the Environmental Protection Act as long as they are destined for a waste battery recovery facility. If the batteries are lead-acid then they should be recycled through an approved recycling or recovery facility. Lead-acid batteries can be transported for recycling without being registered or manifested.

An x-ray machine was observed in the High School. Lead sheeting may have been used in walls surrounding the machine to shield occupants outside of the room from radiation. If renovation activities occur in this room, the walls should be investigated for hidden layers of lead sheeting.

In addition to the seventeen buildings at the subject property that were included in the DSS, there is the possibility that areas hidden by the heavy snow cover during the DSS may contain lead-containing materials (LCM) originating from the previously demolished Residence #10. Hidden LCM may include painted portions of old buildings or discarded lead-acid batteries (e.g. car batteries). If potential LCM are observed once the snow has melted these materials should be investigated for lead content, including sampling and analysis as may be necessary, prior to any disturbance.

4.3 Mercury

Fluorescent light bulbs were observed at the subject properties. Fluorescent light bulbs contain mercury that can be released when the bulbs are broken. Mercury-containing fluorescent light bulbs are defined in O. Reg. 347 as common mercury waste and can be transported to a common mercury recovery facility without being registered or manifested.

Mercury containing thermostats were observed in various buildings at the subject site. When mercury is contained, as it is in thermostats, it does not pose a significant potential for exposure. However, if the vessel is broken, mercury will be released and the potential for occupant exposure and environmental contamination is increased. Mercury thermostats are classified as common mercury waste and can be transported to a MOECC approved recovery or recycling facility without being registered or manifested.

In addition to the seventeen buildings at the subject property that were included in the DSS, there is the possibility that areas hidden by the heavy snow cover during the DSS may contain mercury-containing equipment originating from the previously demolished Residence #10.

Hidden mercury-containing equipment may include old thermostats or discarded fluorescent light bulbs. If potential mercury-containing equipment is observed once the snow has melted these materials should be investigated for mercury content prior to any disturbance.

4.4 PCB

Ballasts installed prior to 1980, can be PCB-containing. Ten of the buildings at the subject property were reportedly constructed prior to 1980 and fluorescent light fixtures were observed in these buildings. Although the three ballasts investigated were labelled as non-PCB containing, it is possible that other, older, fixtures in these eight buildings may be present at the site and these may contain PCB ballasts. If removed from service, ballasts should be sorted and date codes should be compared to those listed in the Environment Canada document *Identification of Lamp Ballasts Containing PCBs*, dated 1991. Ballasts found to be PCB-containing or likely to be PCB-containing should be drummed and shipped for disposal via an MOECC-licensed carrier to an approved PCB waste processing facility. If more than 40 PCB ballasts will be disposed of at once then the site must be registered as a generator of PCB waste.

Ballasts associated with fluorescent light fixtures in the other nine, post-1980 constructed, buildings at the subject property are not expected to contain PCBs.

In addition to the seventeen buildings at the subject property that were included in the DSS, there is the possibility that areas hidden by the heavy snow cover during the DSS may contain PCB-containing equipment originating from the previously demolished Residence #10.

Hidden PCB-containing equipment may include old light ballasts or discarded fluorescent light fixtures. If potential PCB-containing equipment is observed once the snow has melted these materials should be investigated for PCB content prior to any disturbance.

4.5 ODS

TGE observed freezers and refrigerators at the subject property. Refrigerants in this equipment can contain ODS that can be released if the equipment is not decommissioned and disposed of properly. In accordance with the requirements of Ontario Regulation 463/10 made under the Ontario Environmental Protection Act (EPA), refrigerants must be purged by a licensed technician and the units tagged prior to disposal. There are no special disposal requirements for equipment which has been purged and tagged.

In addition to the seventeen buildings at the subject property that were included in the DSS, there is the possibility that areas hidden by the heavy snow cover during the DSS may contain ODS-containing equipment originating from the previously demolished Residence #10. Hidden ODS-containing equipment may include old fridges or air conditioning units. If potential ODS-containing equipment is observed once the snow has melted these materials should be decommissioned prior to final disposal.

4.6 Nuclear Substances

Smoke detectors were observed in buildings located at the subject property.

The Canadian Nuclear Safety Commission (CNSC) has confirmed that up to ten smoke detectors containing americium 241 may be disposed of as non-hazardous waste. If the smoke detectors contain radium, an MOECC-licenced hazardous waste carrier should be contacted to package, remove and transport the smoke detectors to a recycling facility (usually a broker who will reuse the sensors). Smoke detectors can be transported for recycling without being registered or manifested.

In addition to the seventeen buildings at the subject property that were included in the DSS, there is the possibility that areas hidden by the heavy snow cover during the DSS may contain nuclear substance-containing equipment originating from previously demolished or destroyed buildings at the site. Hidden nuclear substance-containing equipment may include old smoke detectors. If potential nuclear substance-containing equipment is observed once the snow has melted these materials should be examined, sorted and recycled as appropriate.

4.7 Mould

Several buildings at the subject property showed visual evidence of water damage and or mould growth. The sources of water damage may include leaking pipes or plumbing fixtures, roof leaks or excessive humidity. If the water damaged building materials were dried within 48 hours then mould growth may not be present; however, if the leak or source of water is ongoing and the materials are constantly being wetted then there is potential for mould to be present.

Mould spores are typically present in all indoor and outdoor environments. Mould growth requires, in addition to spores, a nutrient source, such as cellulose-containing building materials (e.g. paper and cardboard) and a moisture source (e.g. water, dampness, or elevated RH). Individual sensitivity to mould exposure varies greatly and is dependent on a number of factors including age and health status.

No Ontario occupational exposure limits (OEL) have been established; however, the MOL document, *Alert Mould in Workplace Buildings*, dated 2009, recommends actions that are consistent with *Health Canada's Residential Indoor Air Quality Guidelines – Mould* (Health Canada Guidelines), and they include the following:

- focus on assessment and control of water/moisture problems that have led to or could potentially lead to mould growth in building materials;
- remediate mould contamination according to professional standards/guidelines;
- inform building occupants about the presence of mould; and
- provide building occupants with information on the potential health effects of mould.

Water damaged building materials should be removed to prevent mould growth.

5.0 Conclusions

Based on the results of the DSS for Pelican Falls First Nations High School, the following conclusions are presented:

- Asbestos was detected in friable boiler insulation in Residence #3.
- Asbestos was detected in non-friable mud joint compound associated with finished gypsum board on the east side of the main floor of Residence #3.
- Asbestos was detected in non-friable cement board observed on interior walls and ceilings in Rooms 18 and 19 in Residence #3, and under exterior siding on Residence #3.
- There is a potential for ACM to be present in hidden areas at the subject property that could not be accessed as part of this investigation, such as inside hollow metal doors, inside equipment such as hot water tanks, multiple layers of flooring, above or behind solid ceilings and walls, and in inaccessible areas. Note that this only applies to the following buildings constructed prior to 1995: Residences 1 through 9, the Maintenance Garage, the Staff Building and the Recreation Hall.
- Pipe joint solder on copper plumbing joints in Residence #3, the Maintenance Garage, Residence #1 and Residence #2 was identified as lead containing.
- The following buildings have lead containing paints:
    - Residence #3.
    - The Maintenance Garage.
    - Residence #1.
    - Residence #2.
    - Residence #6.
- Lead may be present in batteries associated with the emergency lighting observed at the subject site.
- Lead sheeting may be present inside wall cavities in the dental examination room at the High School.
- Mercury is present in fluorescent light bulbs and thermostats at the subject property.
- ODS may be present in refrigerators and freezers observed at the subject site.
- PCB may be present in fluorescent light fixtures observed at the subject site. Note that this only applies to the following buildings constructed prior to 1980: Residences 1, 2, 3, 4, 7, 8 and 9, the Maintenance Garage, the Staff Building and the Recreation Hall.

- Smoke detectors containing Americium 241 were observed at the subject site.
- Evidence of water damage and potential mould growth was observed in the following buildings located at the subject property: Residences 3, 7, 8, 9, 11, 12 and 13; Maintenance Garage; Staff Building; and High School.
- Designated and other hazardous substances may be hidden by snow cover on the subject property.

6.0 Recommendations

Based on the results of the DSS the following recommendations are provided:

- If renovation work or demolition is planned for the buildings at the subject property, all contractors and staff engaged in the work must be advised of the presence and location of designated substances in accordance with the requirements of Section 30 of the Occupational Health and Safety Act (Part III).

- If renovation work or demolition is planned for the buildings at the subject property, contractors and staff engaged in the work must be advised of the presence and location of materials identified as ACM and non-ACM at the bidding stage of the project in accordance with O. Reg. 278/05.

- Provide a copy of this report to contractors at the bidding stage of any renovation.

- Be aware that there may be additional designated and other hazardous materials at the subject property that were not visible at the time of the current DSS due to snow cover. If additional materials become visible when the snow has melted (e.g. remnants of burned out or otherwise destroyed buildings or improperly discarded items), then consider sampling and analysis prior to any disturbance.

- For asbestos:

    - Keep a copy of this report on site.

    - Prepare an asbestos management plan (AMP) for the building as per the requirements of O. Reg. 278/05. The AMP should contain information about identified and potential ACM at the subject building that meets the requirements of Section 8(4) of O. Reg. 278/05 made under the OHSA. It should also contain policies and procedures that, upon implementation, will meet the remaining requirements of O. Reg. 278/05 for a comprehensive AMP for the subject property.

    - Any demolition or renovation work, involving identified ACM must follow the work procedures outlined in O. Reg. 278/05.

    - Asbestos waste must be transported by an MOECC-licensed carrier to a licensed landfill willing to accept it.

    - Advise contractors that if suspected ACM not identified in this report are encountered during the course of renovation or demolition work, immediately cease all work until the materials can be tested. Treat all suspected ACM as asbestos until sampling and analysis proves otherwise.

    - The building owner should be aware of his/her responsibilities regarding the identified ACM under O. Reg. 278/05, such as the requirement for regular (i.e. annual) inspections, notification of workers and/or employees and precautions that must be taken when handling or disturbing identified ACM.

    - Avoid unnecessary disturbance of ACM. Develop work procedures that will accommodate the presence of ACM.

- Prior to major renovations on buildings constructed prior to 1995, consider completing a fully invasive DSS so that potential hidden or previously unidentified ACM can be located (e.g. interior of hollow concrete block, multiple layers of flooring and roofing materials).

- For lead:
  - Materials identified as lead-containing should be handled in accordance with the MOL Lead Guideline.
  - Materials identified as possibly lead-containing should be submitted for laboratory analysis prior to any renovations that would disturb them or they can be treated as if they are lead-containing.
  - Lead-containing materials must not be disposed of until a sample of the material is subjected to toxicity characteristic leaching procedure (TCLP) analysis to determine if it is leachate toxic according to Schedule 4 of O. Reg. 347. Metallic materials found to be lead-containing are not normally submitted for TCLP analysis since it is standard practice to recycle metals as opposed to disposing of them and there are no restrictions on recycling metals with lead coatings.
  - If emergency light batteries will be removed and disposed of, they should be carefully examined to determine if they are lead-acid batteries. Lead-acid batteries should be recycled through an approved recycling or recovery facility.
  - If renovations are planned for the dental examination room at the High School an investigation for lead sheeting should be completed first (e.g. in the wall cavities). Disturbance of any identified lead sheeting must be done in accordance with procedures described in the MOL Lead Guideline. Lead sheeting should be recycled.

- For Mercury:
  - Mercury-containing fluorescent light bulbs are categorized as “common mercury waste” under O. Reg. 347. Common mercury waste can be transported to a mercury recovery or recycling facility without being registered or manifested. Care should be taken to avoid breaking the glass ampoule containing liquid mercury in the thermostats.
  - A mercury clean-up kit should be kept on site in case of breakage of any of the mercury-containing thermostats in the facility.

- For ODS:
  - Prior to disposal of equipment that may potentially contain ODS, retain the services of a licensed technician to purge refrigerants from them.

- For Nuclear Substances:
  - Prior to disposal of smoke detectors the interior should be carefully examined for any indication that the detector contains americium 241 or radium. If the smoke detectors are found to contain radium or if more than 10 smoke detectors containing americium 241 are to be disposed, contact a licensed waste carrier to package, removed and transport to a recycling facility.

- For Potential Mould Growth:
    - Monitor areas where there is evidence of water damage for any sign of worsening of conditions (e.g. watch for an increase in the size of any water stains or for additional areas of staining).
    - Address potential mould growth in accordance with the procedures outlined in the Health Canada Guidelines.
    - Investigate for and eliminate sources of excessive indoor moisture (e.g. roof leaks and elevated indoor relative humidity). If occupants report symptoms consistent with potential mould indoor air quality (IAQ) impacts (e.g. allergic-type symptoms such as eye and nose irritation) then consider having a mould IAQ assessment completed for the building.

7.0 Closure

The information and data contained in this report, including without limitation, the results of any sampling and analyses conducted by TGE pursuant to its Agreement with the client, have been developed or obtained through the exercise of TGE's professional judgment and are set forth to the best of TGE's knowledge, information and belief. Although every effort has been made to confirm that this information is factual, complete and accurate, TGE makes no guarantees or warranties whatsoever, whether expressed or implied, with respect to such information or data.

The information and data presented in this report are based on the purpose and scope of the project and form the basis for any conclusions and recommendations presented herein. Any conclusions and recommendations presented herein do not preclude the existence of environmental concerns other than those that may have been identified.

Work performed by TGE personnel employed sound environmental assessment principles. TGE cannot guarantee the accuracy and reliability of information provided by others or third parties. Therefore, TGE does not claim responsibility for undisclosed environmental concerns or conditions that may result in costs for environmental clean-up and/or remediation. This report is intended for information purposes only.

Respectfully submitted by:

TRUE GRIT ENGINEERING

Mike Broere, M.Sc.
Air Quality Scientist
mbroere@truegriteng.com

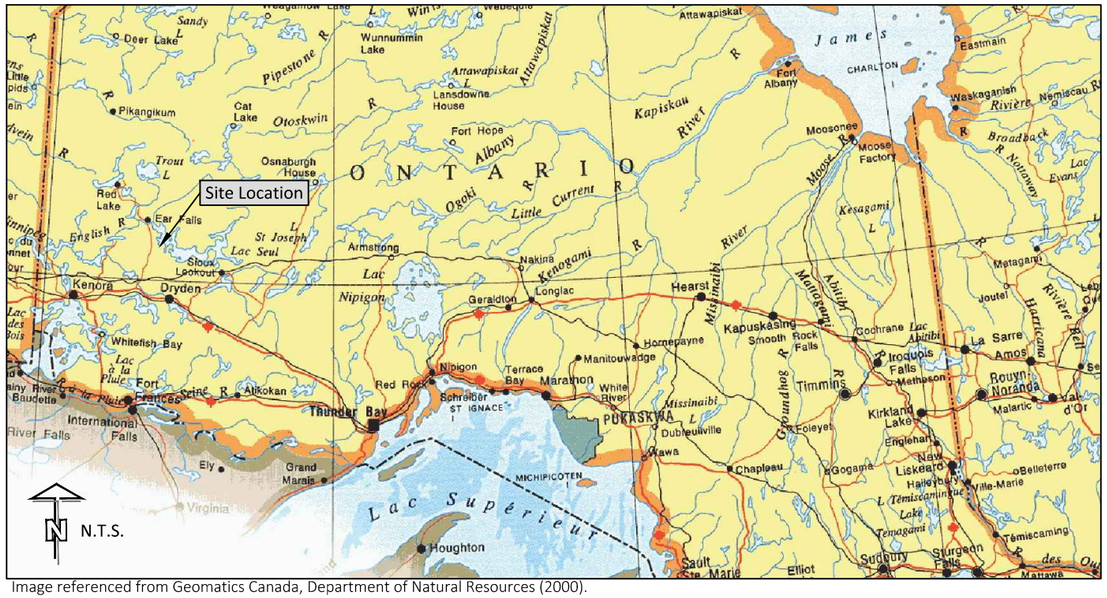
Jacquie Elvish, B.Sc., CRSP
Senior Health & Safety Specialist
jelvish@truegriteng.com

MB/JE:ls

Figures

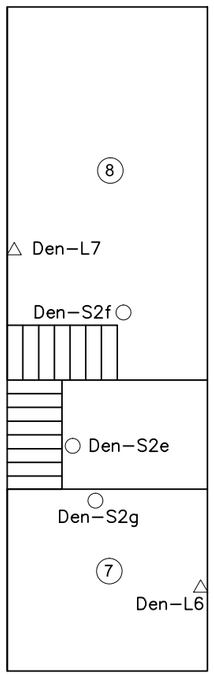
Plot Size: ANSI EXPAND B (11.00 X 17.00 INCHES)

Key Plan

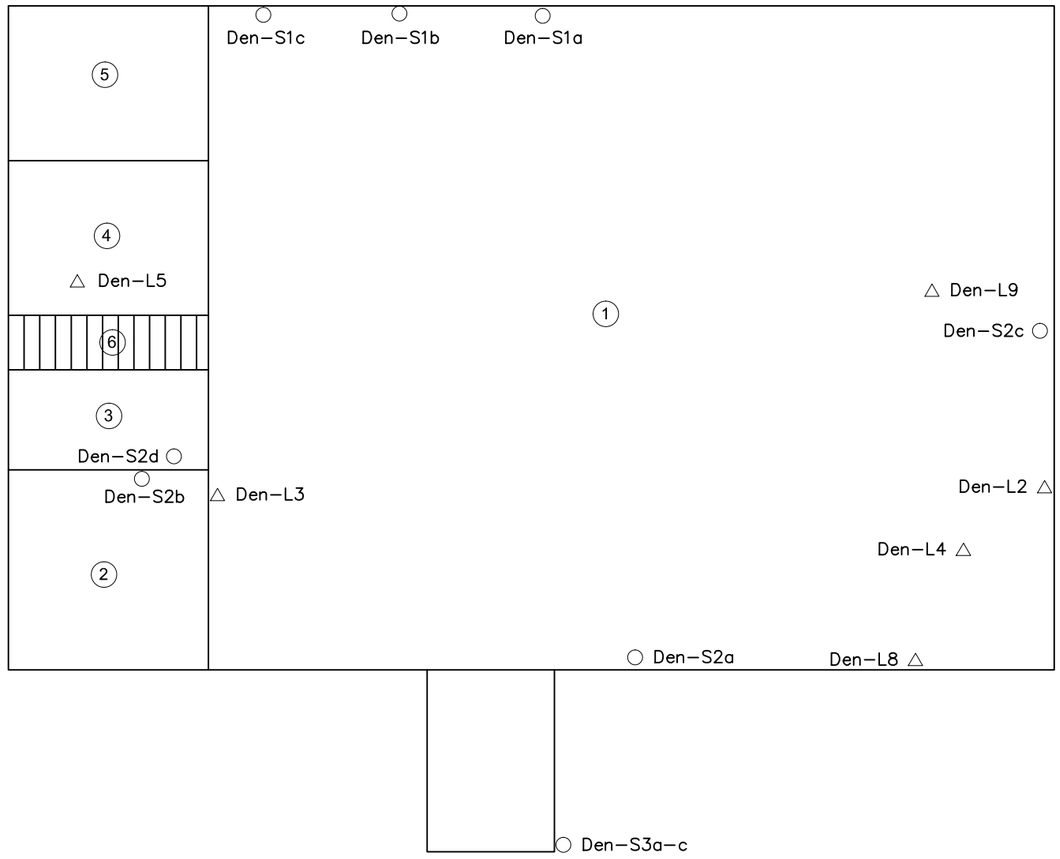

Site Location
ONTARIO
Lac Supérieur
Thunder Bay
Kenora
Dryden
Sioux Lookout
Hearst
Timmins
Kapuskasing
Longlac
Geraldton
Nipigon
Terrace Bay
Marathon
Wawa
Chapleau
Sudbury
Sault Ste. Marie
Houghton
Ely
Grand Marais
International Falls
Fort Frances
Atikokan
Red Lake
Ear Falls
Pikangikum
Cat Lake
Fort Hope
Moosonee
Moose Factory
Fort Albany
Attawapiskat
Lansdowne House
Osnaburgh House
Armstrong
Nakina
Manitouwadge
Hornepayne
Iroquois Falls
Kirkland Lake
Englehart
Cochrane
Timmins
Kapuskasing
Smooth Rock Falls
Opasatika
Foleyet
Dubreuilville
Wawa
Chapleau
Gogama
Liskeard
Haileybury
Ville-Marie
Témiscaming
Sturgeon Falls
Elliot Lake
Rouyn-Noranda
Amos
La Sarre
Joutel
Matagami
Chibougamau
Lac Evans
Waskaganish
Eastmain
Wunnummin Lake
Deer Lake
Sandy Lake
Whitefish Bay
Lac des Mille Lacs
Lac Seul
Lac Nipigon
Lac La Pluie
Lac Kesagami
Lac Témiscamingue
Lac Témagami
Lac Abitibi
Lac Evans
Lac Matagami
Lac Broadback
Lac Nottaway
Lac Harricana
Lac Rupert
Lac Mistassini
Lac Albanel
Lac Waconichi
Lac Soscumica
Lac Opawica
Lac Mégiscane
Lac Gayot
Lac Bachelor
Lac Parent
Lac Kipawa
Lac Témiscamingue
Lac Témagami
Lac Kesagami
Lac Abitibi
Lac Matagami
Lac Broadback
Lac Nottaway
Lac Harricana
Lac Rupert
Lac Mistassini
Lac Albanel
Lac Waconichi
Lac Soscumica
Lac Opawica
Lac Mégiscane
Lac Gayot
Lac Bachelor
Lac Parent
Lac Kipawa
James
Kapiskau River
Attawapiskat River
Albany River
Ogoki River
Little Current River
Kenogami River
Nipigon River
Pipestone River
English River
Trout Lake
Otoskwin River
Current River
Moose River
Abitibi River
Mattagami River
Harricana River
Rupert River
Nottaway River
Broadback River
Waskaganish
Nemiscau River
Rivière Rupert
Rivière Nottaway
Rivière Broadback
Rivière Harricana
Rivière Bell
Rivière Nemiscau
Rivière Waskaganish
Rivière Eastmain
Rivière Opinaca
Rivière Opinaca Réservoir
Rivière Caniapiscau
Rivière Caniapiscau Réservoir
Rivière La Grande
Rivière La Grande Réservoir
Rivière La Grande 2
Rivière La Grande 3
Rivière La Grande 4
Rivière La Grande 4A
Rivière La Grande 2A
Rivière La Grande 1

Plot Size: ANSI EXPAND B (11.00 X 17.00 INCHES)

2nd Floor



Main Floor



LEGEND

(1)	Room Number (Assigned by TGE)
○ S#a–c	Asbestos Sample Location
● S#a–c	Asbestos-Containing Sample Location
△ L#	Lead Sample Location
▲ L#	Lead-Containing Sample Location

Scale

0 1 2 m SCALE 1:100

Notes:
1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

File No. 17-805-01-00-01

TRUE GRIT ENGINEERING

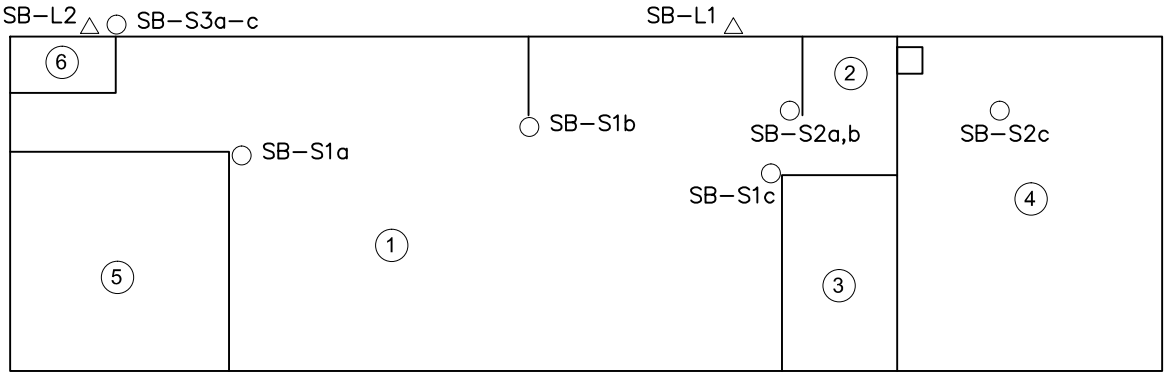
Designed By: AS
Approved By: JE
Date: March 27, 2017

Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

Recreation Hall - Sample Locations

FIGURE 2

Plot Size: ANSI A (8.50 X 11.00 INCHES)



LEGEND

(1)	Room Number (Assigned by TGE)
○ S#a–c	Asbestos Sample Location
● S#a–c	Asbestos-Containing Sample Location
△ L#	Lead Sample Location
▲ L#	Lead-Containing Sample Location

Scale

0 1 2 m SCALE 1:100

Notes:
1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

File No. 17-805-01-00-01

Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

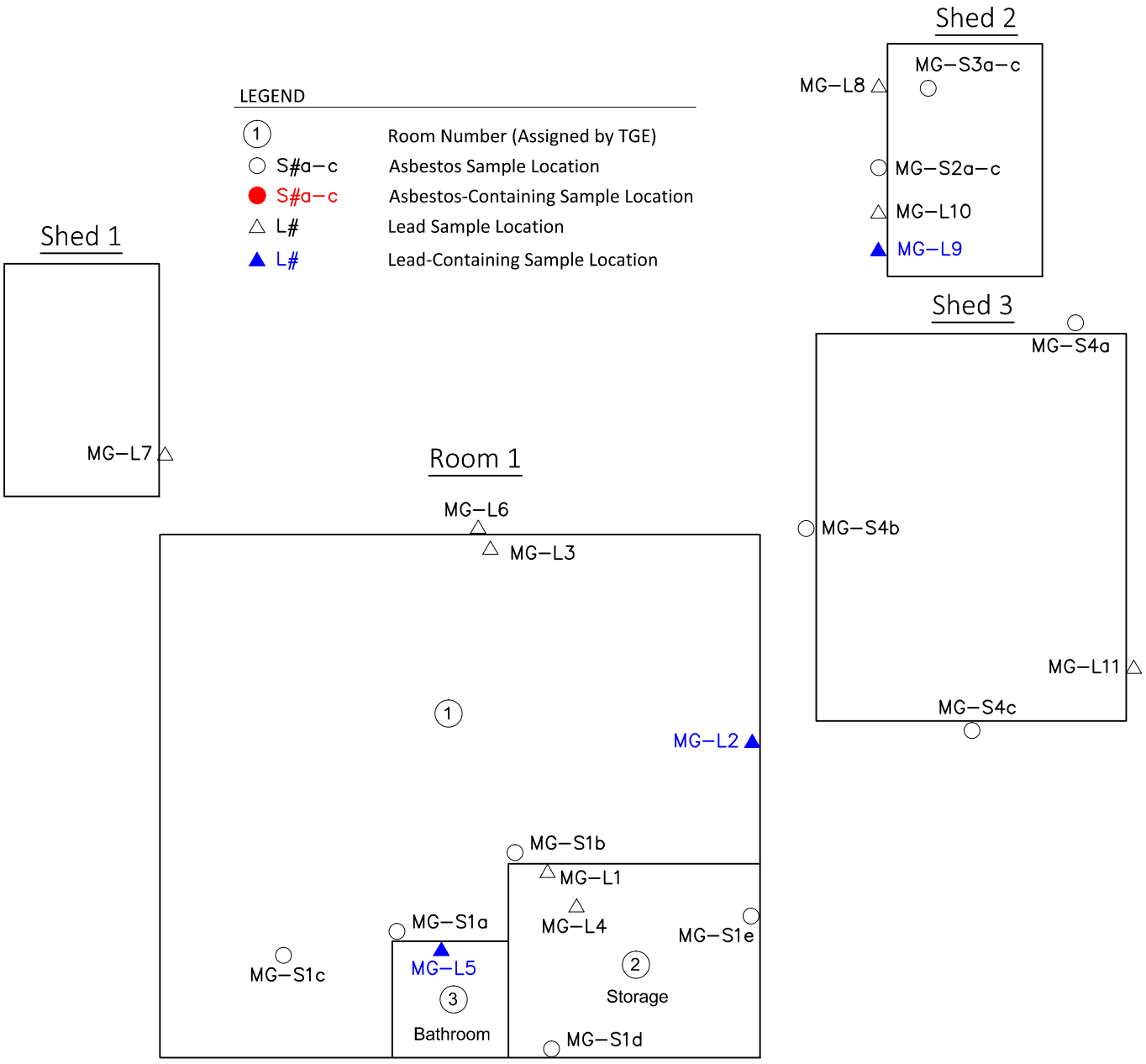
Staff Building - Sample Locations

TRUE GRIT ENGINEERING

Designed By: AS
Approved By: JE
Date: March 27, 2017

FIGURE 3

Plot Size: ANSI A (8.50 X 11.00 INCHES)



Notes:
1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

Scale

0 1 2 m SCALE 1:100

Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

Maintenance Garage - Sample Locations

TRUE GRIT ENGINEERING

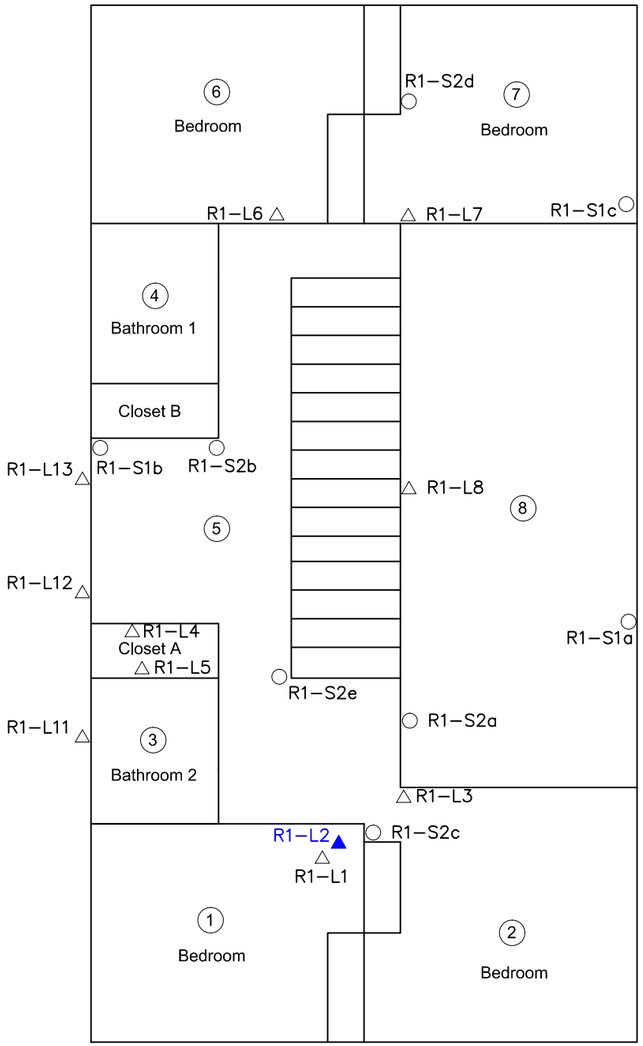
Designed By: AS
Approved By: JE
Date: March 27, 2017

FIGURE 4

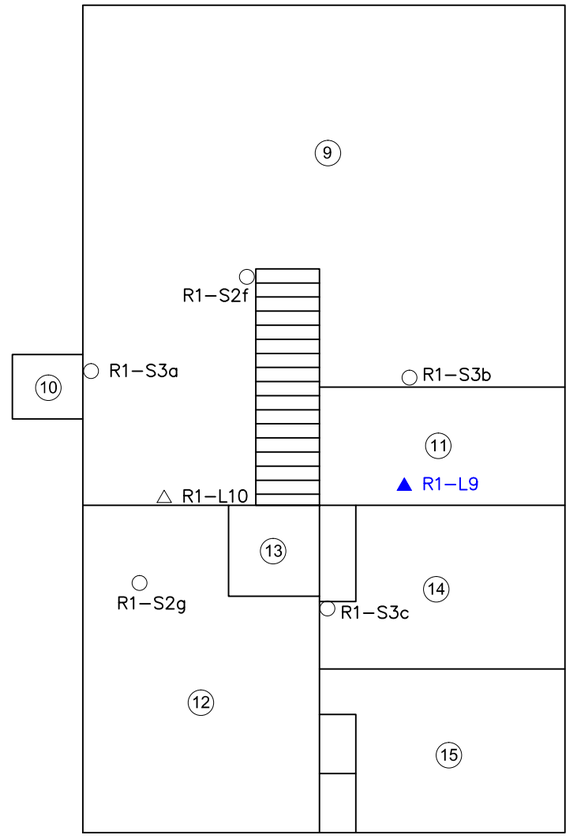
File No. 17-805-01-00-01

Plot Size: ANSI EXPAND B (11.00 X 17.00 INCHES)

Upper Level



Basement



LEGEND

(1)	Room Number (Assigned by TGE)
○ S#a–c	Asbestos Sample Location
● S#a–c	Asbestos-Containing Sample Location
△ L#	Lead Sample Location
▲ L#	Lead-Containing Sample Location

Scale

0 1 2 m SCALE 1:100

Notes:
1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

File No. 17-805-01-00-01

TRUE GRIT ENGINEERING

Designed By: AS
Approved By: JE
Date: March 27, 2017

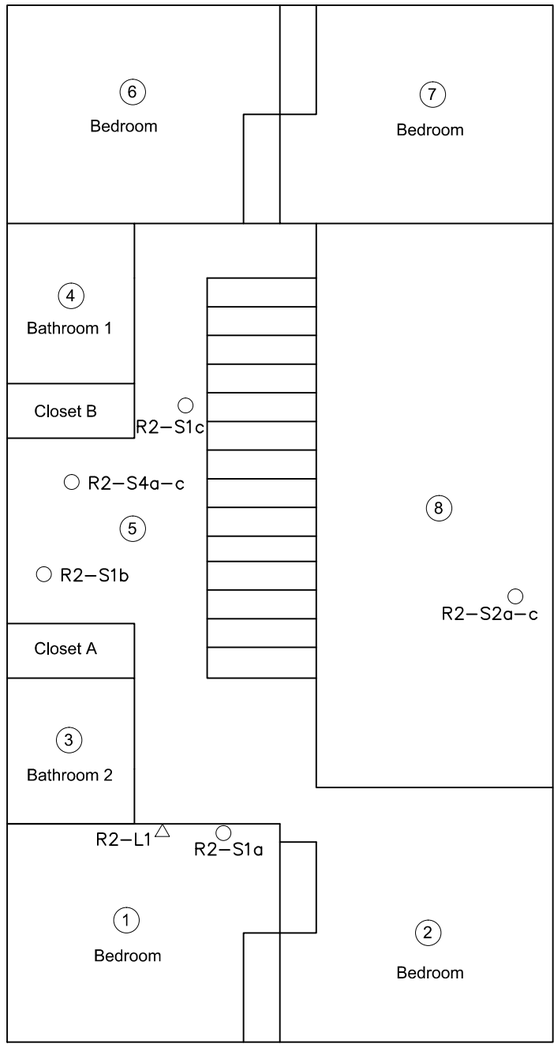
Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

Residence 1 - Sample Locations

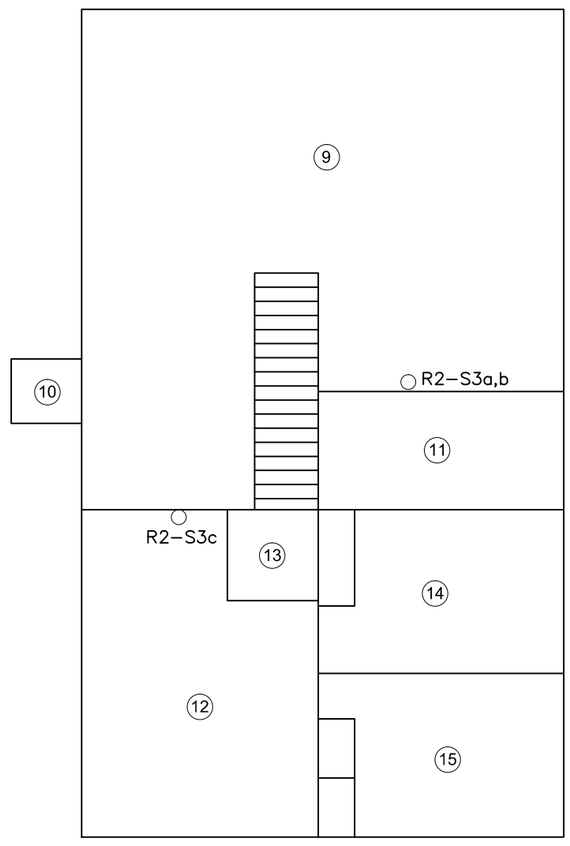
FIGURE 5

Plot Size: ANSI EXPAND B (11.00 X 17.00 INCHES)

Upper Level



Basement



LEGEND

(1)	Room Number (Assigned by TGE)
○ S#a–c	Asbestos Sample Location
● S#a–c	Asbestos-Containing Sample Location
△ L#	Lead Sample Location
▲ L#	Lead-Containing Sample Location

Scale

0 1 2 m SCALE 1:100

File No. 17-805-01-00-01

Notes:
1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

TRUE GRIT ENGINEERING

Designed By: AS
Approved By: JE
Date: March 27, 2017

Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

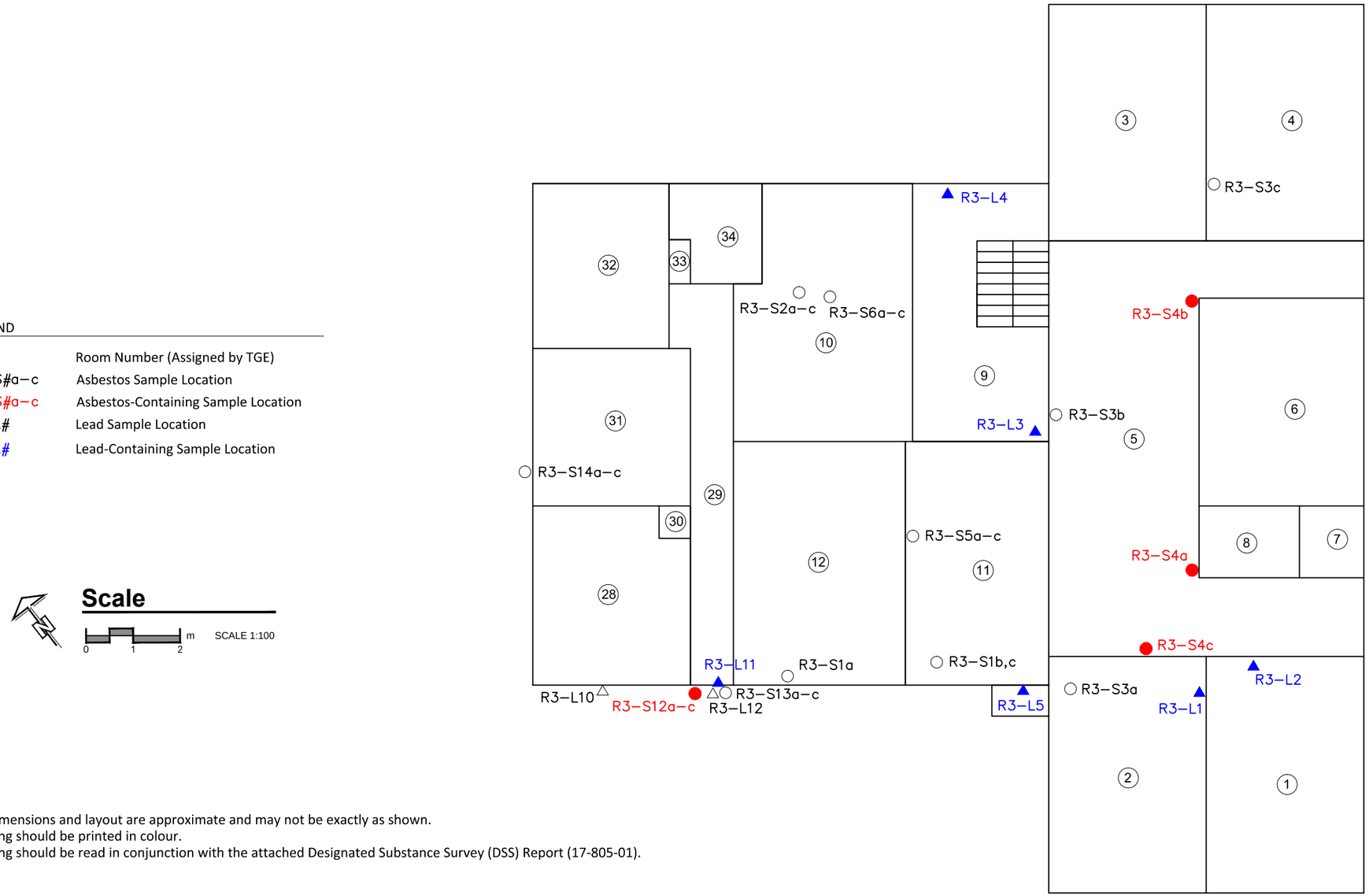
Residence 2 - Sample Locations

FIGURE 6

Plot Size: ANSI EXPAND B (11.00 X 17.00 INCHES)

LEGEND

(1)	Room Number (Assigned by TGE)
○ S#a–c	Asbestos Sample Location
● S#a–c	Asbestos-Containing Sample Location
△ L#	Lead Sample Location
▲ L#	Lead-Containing Sample Location



Scale

m 0 1 2 SCALE 1:100

Notes:
1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

File No. 17-805-01-00-01

TRUE GRIT ENGINEERING

Designed By: AS
Approved By: JE
Date: March 27, 2017

Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

Residence 3 - Upper Level Sample Locations

FIGURE 7

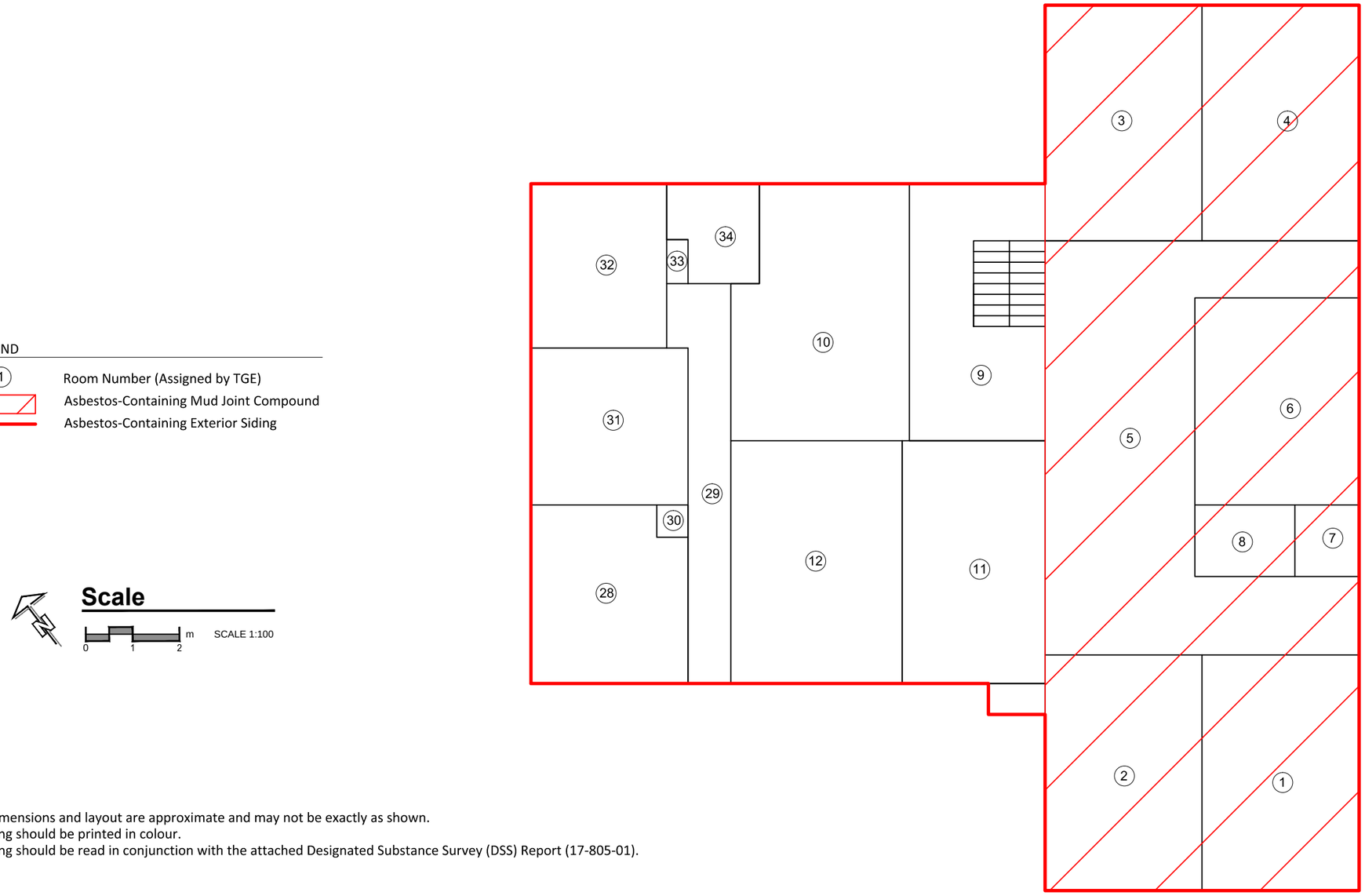
Plot Size: ANSI EXPAND B (11.00 X 17.00 INCHES)

LEGEND

(1) Room Number (Assigned by TGE)

Asbestos-Containing Mud Joint Compound

Asbestos-Containing Exterior Siding



Scale

0 1 2 m SCALE 1:100

Notes:

1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

File No. 17-805-01-00-01

Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

Residence 3 - Upper Level
General Location of Identified Asbestos-Containing Materials

TRUE GRIT ENGINEERING

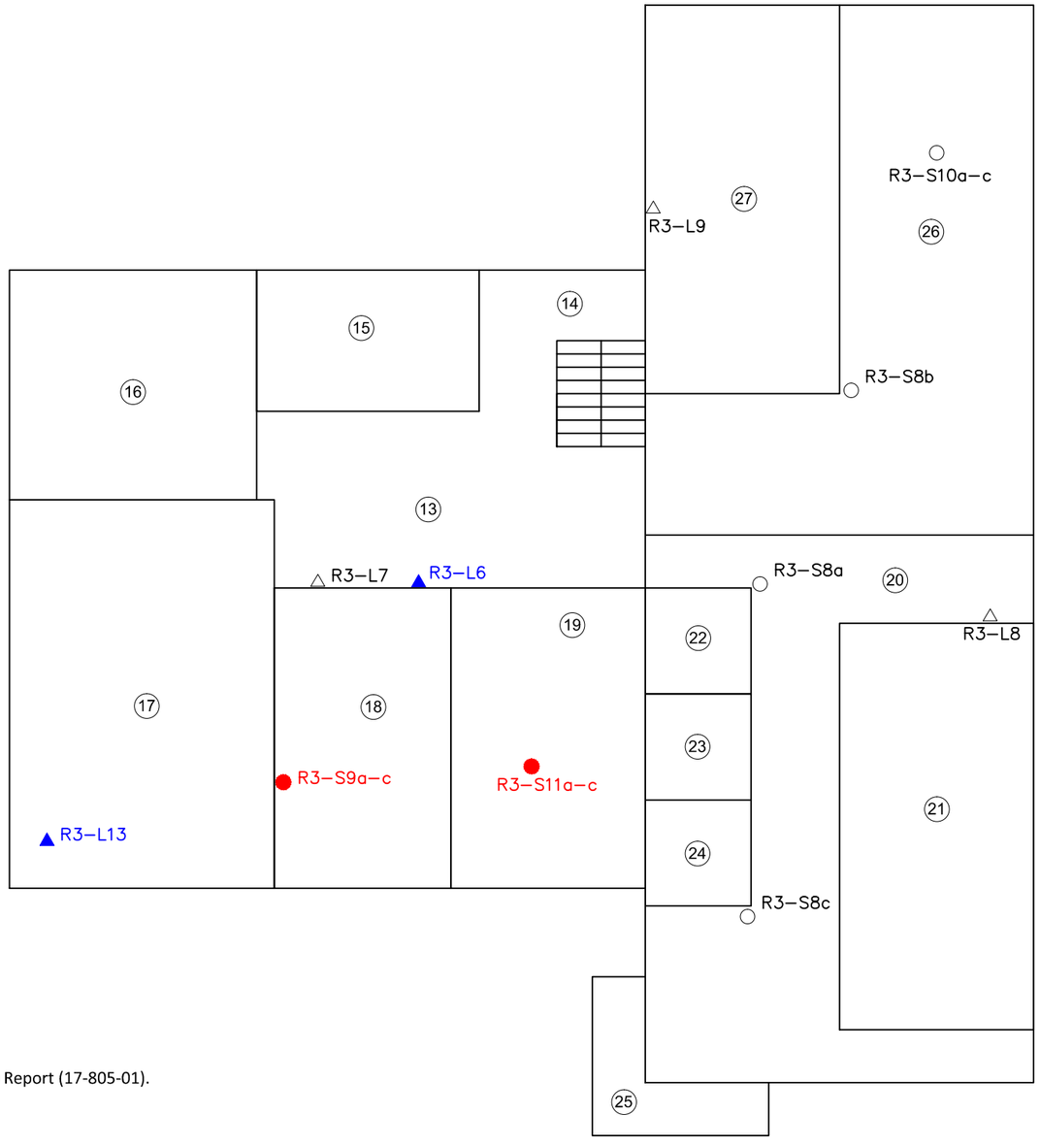
Designed By: AS
Approved By: JE
Date: March 27, 2017

FIGURE 8

Plot Size: ANSI EXPAND B (11.00 X 17.00 INCHES)

LEGEND

(1)	Room Number (Assigned by TGE)
○ S#a–c	Asbestos Sample Location
● S#a–c	Asbestos-Containing Sample Location
△ L#	Lead Sample Location
▲ L#	Lead-Containing Sample Location



Notes:
1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

File No. 17-805-01-00-01

Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

Residence 3 - Lower Level
Sample Locations

TRUE GRIT ENGINEERING

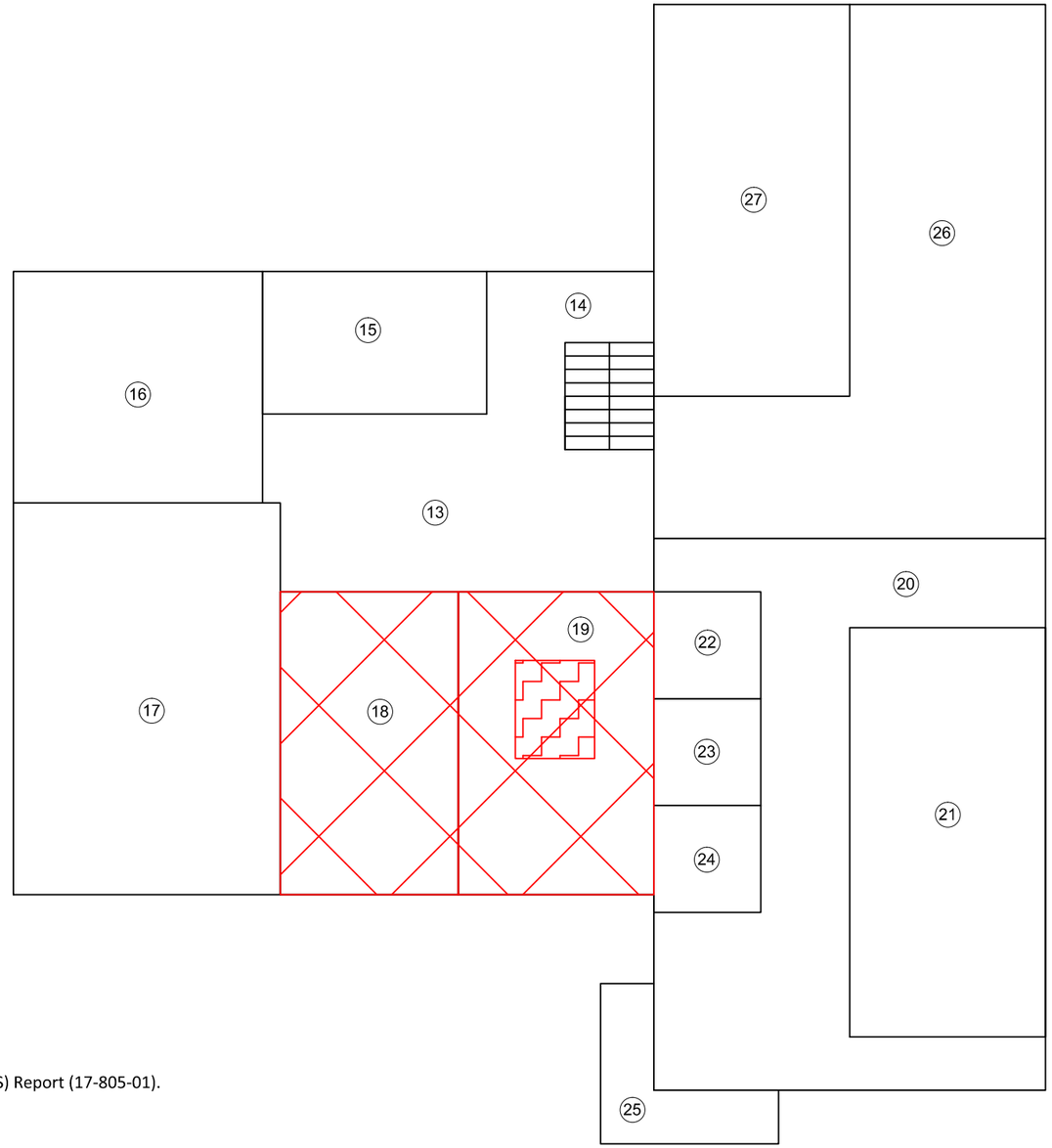
Designed By: AS
Approved By: JE
Date: March 27, 2017

FIGURE 9

Plot Size: ANSI EXPAND B (11.00 X 17.00 INCHES)

LEGEND

1	Room Number (Assigned by TGE)
	Asbestos-Containing Transite
	Asbestos-Containing Thermal System Insulation



Scale

m
0 1 2

SCALE 1:100

Notes:
1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

File No. 17-805-01-00-01

Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

Residence 3 - Lower Level
General Location of Identified Asbestos-Containing Materials

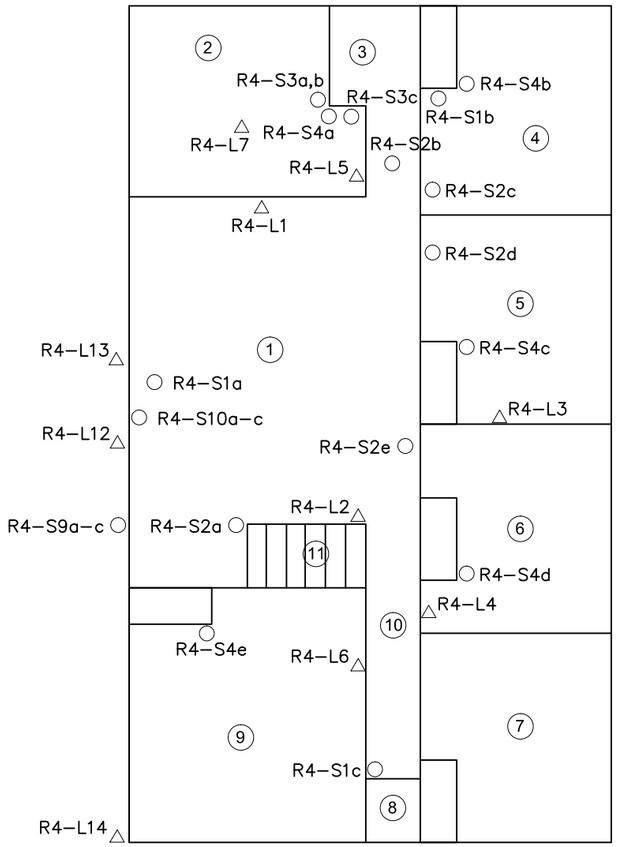
TRUE GRIT ENGINEERING

Designed By: AS
Approved By: JE
Date: March 27, 2017

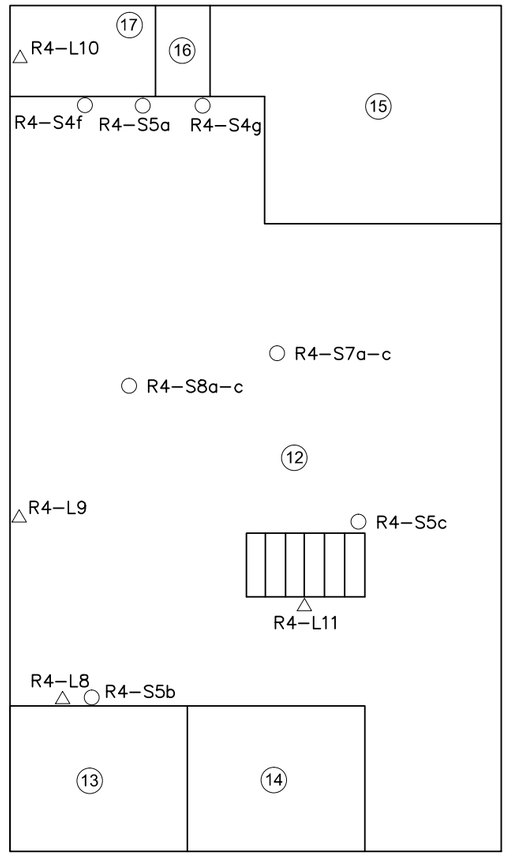
FIGURE 10

Plot Size: ANSI EXPAND B (11.00 X 17.00 INCHES)

Upper Level



Basement



LEGEND

(1)	Room Number (Assigned by TGE)
○ S#a–c	Asbestos Sample Location
● S#a–c	Asbestos-Containing Sample Location
△ L#	Lead Sample Location
▲ L#	Lead-Containing Sample Location

Scale

0 1 2 m SCALE 1:100

Notes:
1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

File No. 17-805-01-00-01

TRUE GRIT ENGINEERING

Designed By: AS
Approved By: JE
Date: March 27, 2017

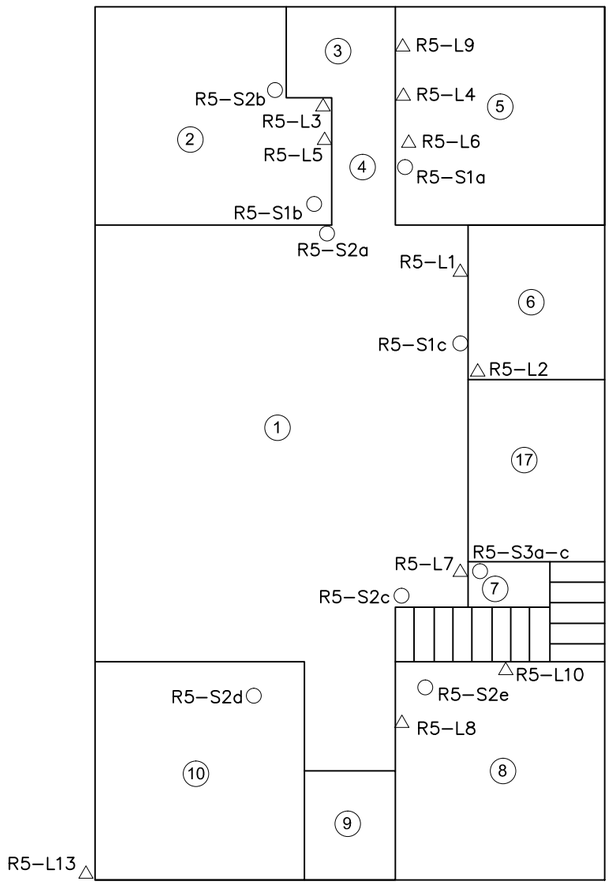
Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

Residence 4 - Sample Locations

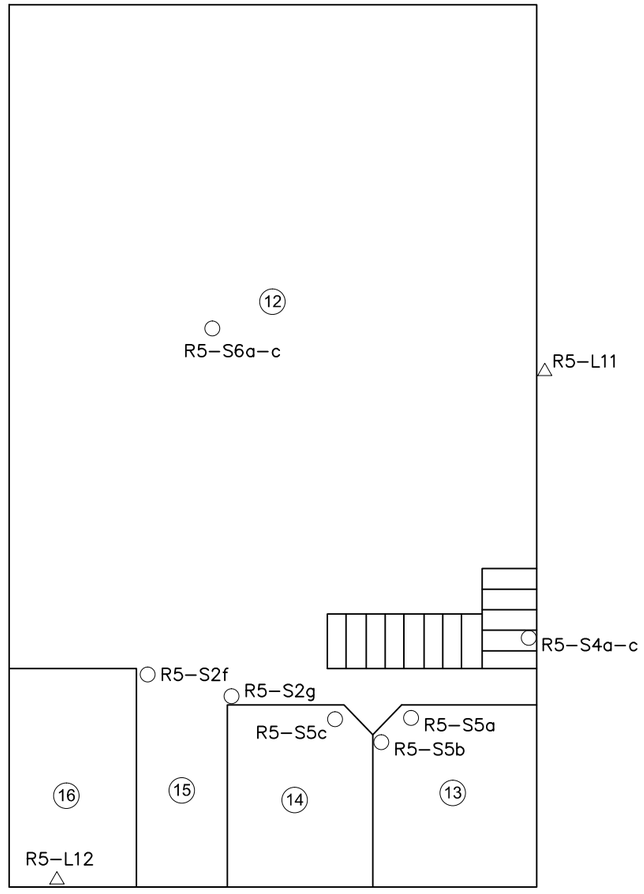
FIGURE 11

Plot Size: ANSI EXPAND B (11.00 X 17.00 INCHES)

Upper Level



Basement



LEGEND

(1)	Room Number (Assigned by TGE)
○ S#a–c	Asbestos Sample Location
● S#a–c	Asbestos-Containing Sample Location
△ L#	Lead Sample Location
▲ L#	Lead-Containing Sample Location

Scale

0 1 2 m SCALE 1:100

Notes:
1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

File No. 17-805-01-00-01

TRUE GRIT ENGINEERING

Designed By: AS
Approved By: JE
Date: March 27, 2017

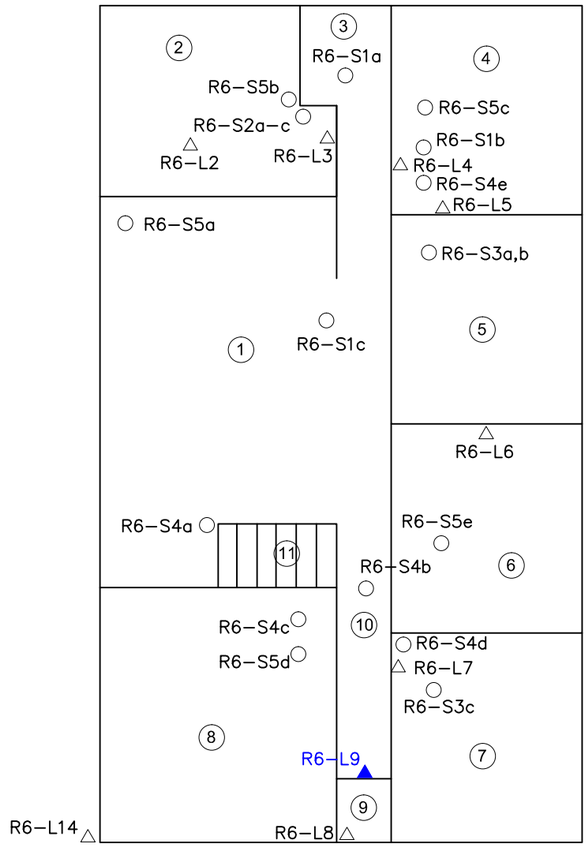
Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

Residence 5 - Sample Locations

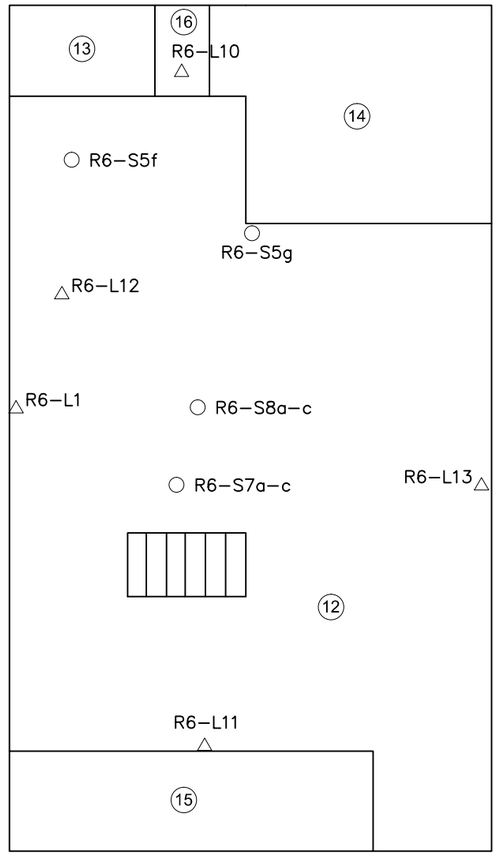
FIGURE 12

Plot Size: ANSI EXPAND B (11.00 X 17.00 INCHES)

Upper Level



Basement



LEGEND

(1)	Room Number (Assigned by TGE)
○ S#a–c	Asbestos Sample Location
● S#a–c	Asbestos-Containing Sample Location
△ L#	Lead Sample Location
▲ L#	Lead-Containing Sample Location

Scale

0 1 2 m

SCALE 1:100

Notes:
1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

File No. 17-805-01-00-01

TRUE GRIT ENGINEERING

Designed By: AS
Approved By: JE
Date: March 27, 2017

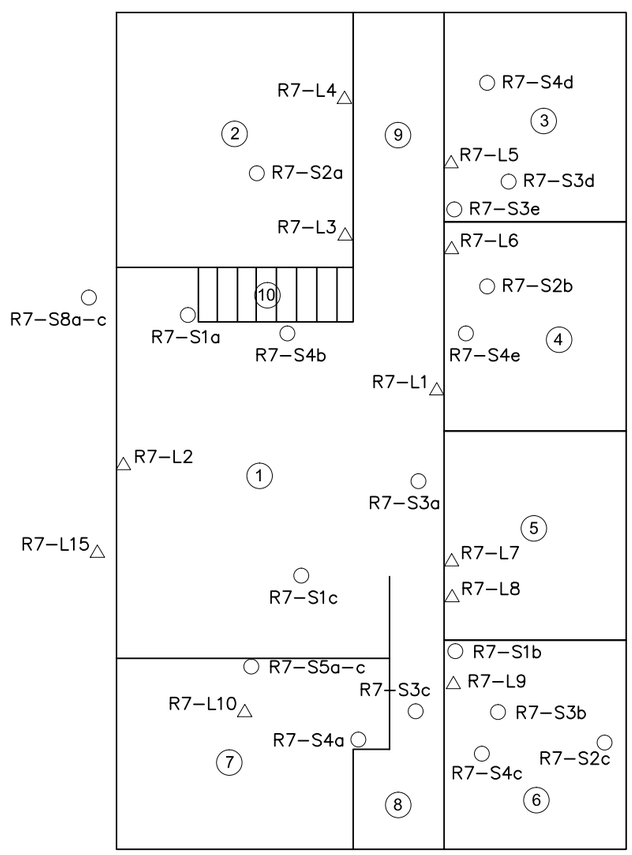
Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

Residence 6 - Sample Locations

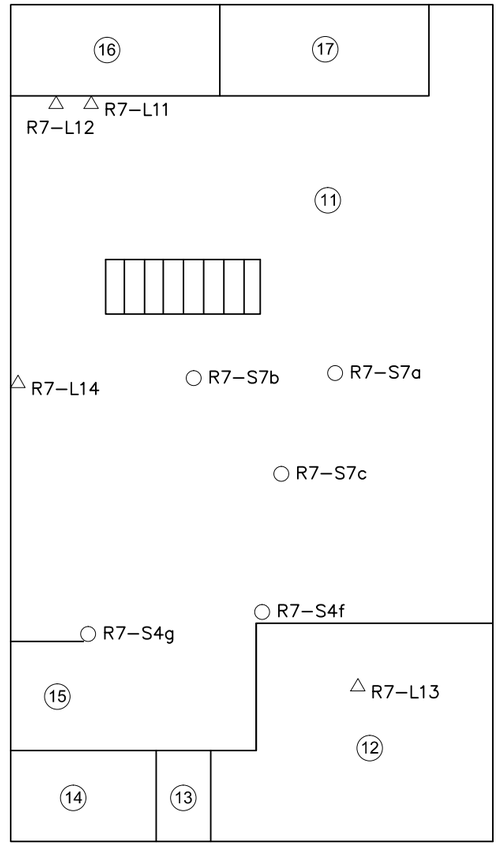
FIGURE 13

Plot Size: ANSI EXPAND B (11.00 X 17.00 INCHES)

Upper Level



Basement



LEGEND

(1)	Room Number (Assigned by TGE)
○ S#a–c	Asbestos Sample Location
● S#a–c	Asbestos-Containing Sample Location
△ L#	Lead Sample Location
▲ L#	Lead-Containing Sample Location

Scale

0 1 2 m SCALE 1:100

Notes:
1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

File No. 17-805-01-00-01

TRUE GRIT ENGINEERING

Designed By: AS
Approved By: JE
Date: March 27, 2017

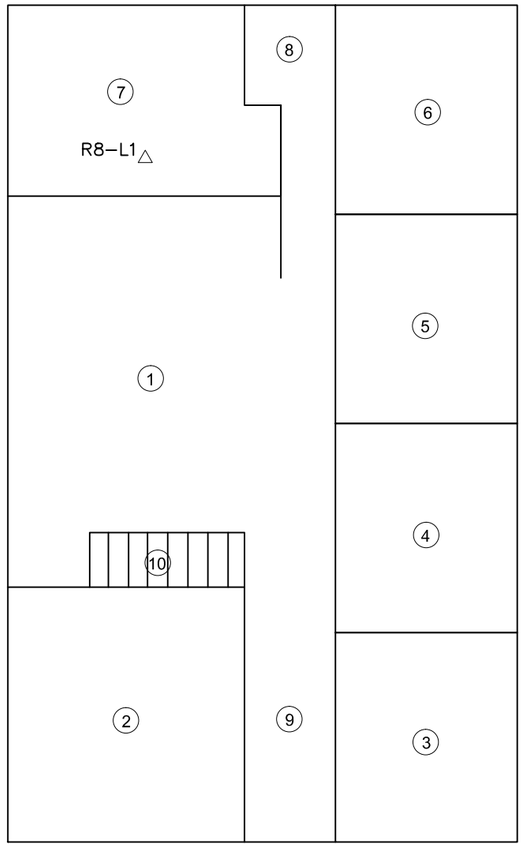
Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

Residence 7 - Sample Locations

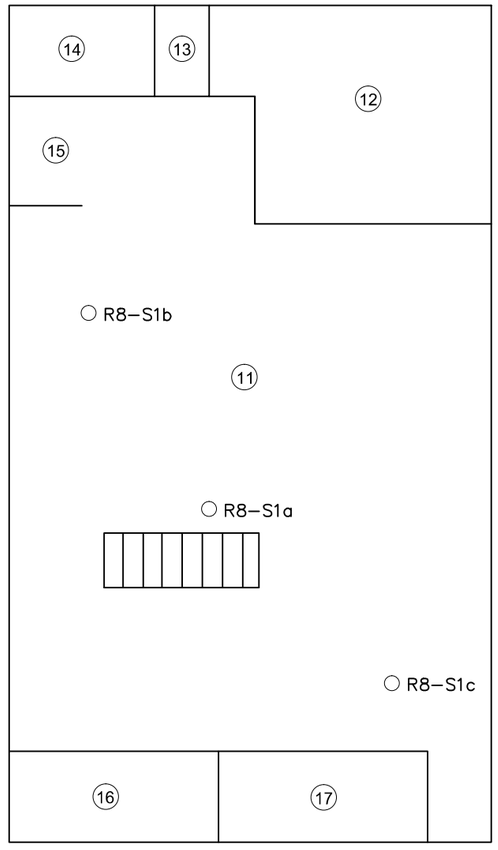
FIGURE 14

Plot Size: ANSI EXPAND B (11.00 X 17.00 INCHES)

Upper Level



Basement



LEGEND

(1)	Room Number (Assigned by TGE)
○ S#a–c	Asbestos Sample Location
● S#a–c	Asbestos-Containing Sample Location
△ L#	Lead Sample Location
▲ L#	Lead-Containing Sample Location

Scale

0 1 2 m SCALE 1:100

Notes:
1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

File No. 17-805-01-00-01

TRUE GRIT ENGINEERING

Designed By: AS
Approved By: JE
Date: March 27, 2017

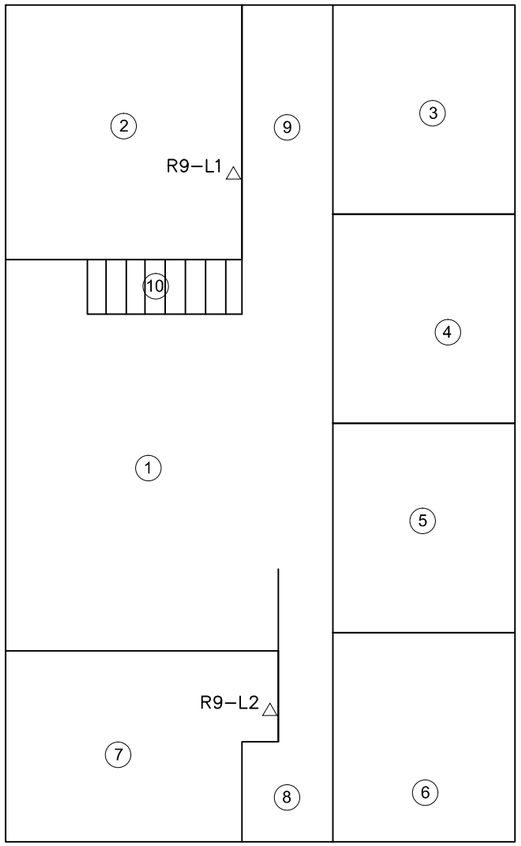
Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

Residence 8 - Sample Locations

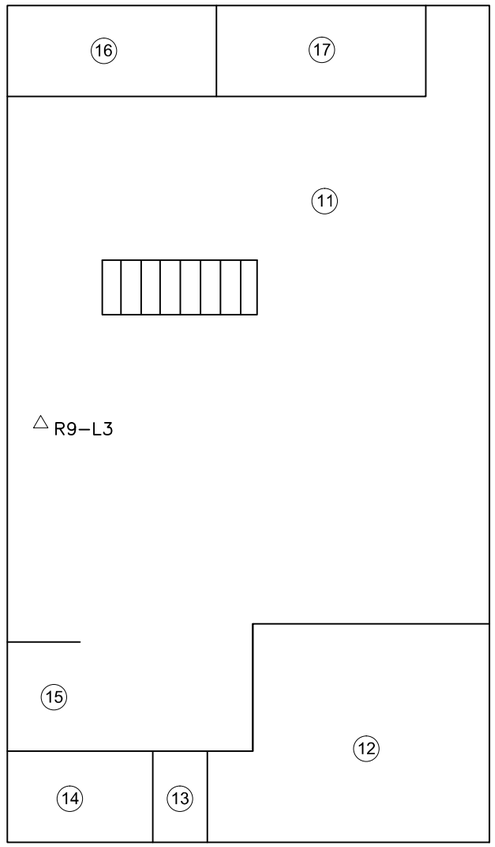
FIGURE 15

Plot Size: ANSI EXPAND B (11.00 X 17.00 INCHES)

Upper Level



Basement



LEGEND

(1)	Room Number (Assigned by TGE)
○ S#a–c	Asbestos Sample Location
● S#a–c	Asbestos-Containing Sample Location
△ L#	Lead Sample Location
▲ L#	Lead-Containing Sample Location

Scale

0 1 2 m SCALE 1:100

Notes:
1. Building dimensions and layout are approximate and may not be exactly as shown.
2. This drawing should be printed in colour.
3. This drawing should be read in conjunction with the attached Designated Substance Survey (DSS) Report (17-805-01).

File No. 17-805-01-00-01

TRUE GRIT ENGINEERING

Designed By: AS
Approved By: JE
Date: March 27, 2017

Mobile Resources
Designated Substance Survey
Pelican Falls First Nations High School
650 Pelican Falls Road, Sioux Lookout, Ontario

Residence 9 - Sample Locations

FIGURE 16

Appendix A: Photographs

PELICAN FALLS FIRST NATIONS HIGH SCHOOL
RESIDENCE #3

GENERAL BUILDING PHOTOS

Photo 1: Exterior of the building, north side.

Photo 2: Exterior of the building, south side.

Photo 3: Dining area, Room 12 on the west side of the building.

Photo 4: Living area, Room 5 on the east side of the building.

ASBESTOS-CONTAINING MATERIALS	

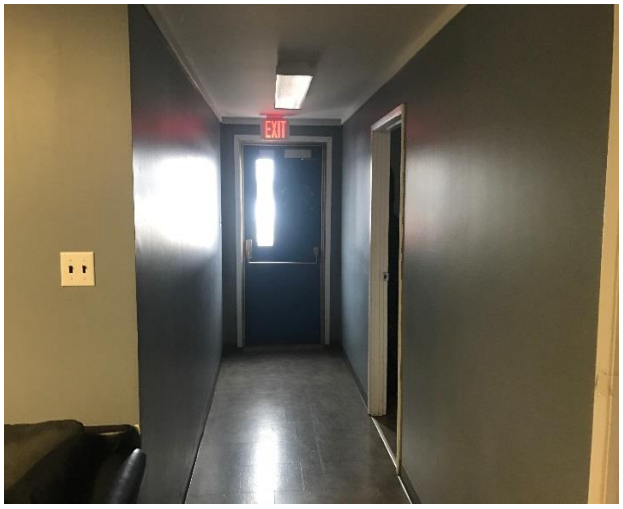



Photo 5: Asbestos-containing (AC) – mud joint compound (MJC) associated with finished gypsum board on the east side of the main floor (R3-S4).	**Photo 6: AC – Cement board (R3-S9) observed on walls and ceilings – Room #18.**
Photo 7: AC – Soft grey insulation (R3-S11) observed on the boiler – Room #19.	**Photo 8: AC – Cement board siding (R3-S12) observed under vinyl siding on the exterior of the building. Non-AC black fabric building wrap (R3-S13) observed under the cement board.**

LEAD-CONTAINING MATERIALS	
Photo 9: Lead-containing (LC) grey paint on gypsum board walls (R3-L1), LC white paint on wood trim (R3-L2), LC white paint on gypsum board ceiling and walls (R3-L3) – Room #5.	**Photo 10: LC grey paint (R3-L4) on exterior metal doors.**

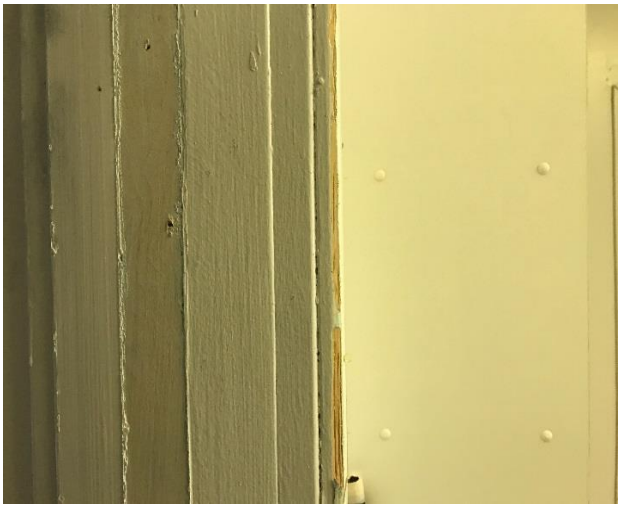



Photo 11: LC yellow paint on wood trim (R3-L6) – Room #11.	**Photo 12: LC yellow paint on wood and poured concrete walls (R3-L6) – Room #13.**

LEAD-CONTAINING MATERIALS	
Photo 13: LC white paint on wood doors and trim (R3-L11).	**Photo 14: LC solder on copper water lines throughout the building (R3-L13).**

OTHER MATERIALS	
Photo 15: Non-AC, grey VSF with a black and white "paint splatter" pattern (R3-S1) – Room #12.	**Photo 16: Non-AC, 12"x12" brown VFT with a stone pattern (R3-S2) – Room #10.**

OTHER MATERIALS	
Photo 17: Non-AC, 12”x24” grey stone pattern VFT – (R3-S2) – Room #5.	**Photo 18: Non-AC, MJC associated with finished gypsum board on the west side of the Residence – (R3-S5) – Room #12.**
Photo 19: Non-AC, 2’x2’ white CT with a dot and fissure pattern (R3-S6) – Room #10.	**Photo 20: Non-AC, MJC associated with finished gypsum board in the basement (R3-S8) – Room #9 – Kitchen #2.**

OTHER MATERIALS	

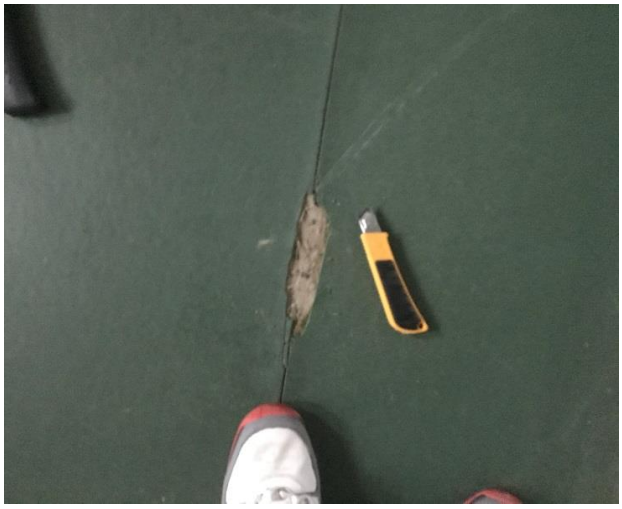



Photo 21: Non-AC green VSF (R3-S10) – Room #26.	**Photo 22: Non-AC, window caulking (R3-S14) observed on the exteiror of the building.**
Photo 23: Non-LC grey paint observed on concrete floors (R3-L7).	**Photo 24: Non-LC teal paint observed on wood doors and gypsum board walls (R3-L8).**

OTHER MATERIALS	
Photo 25: Non-LC blue/purple paint observed on gypsum board walls (R3-L9).	**Photo 26: Non-LC grey paint on poured concrete foundation (R3-L10) and non-LC brown paint on wood trim (R3-L12).**
Photo 27: Mercury containing thermostat observed in Room #5.	**Photo 28: Refrigerators and freezer located in Room #12, potentially containing ODS.**

OTHER MATERIALS	
Photo 29: Water damaged gypsum board observed in the stairwell (Room 25).	**Photo 30: Water damaged wood floor joists observed in the basement.**

PELICAN FALLS FIRST NATIONS HIGH SCHOOL
RESIDENCE #4

GENERAL BUILDING PHOTOS

Photo 1: Exterior of the building, west side.

Photo 2: Kitchen, Room 1, upper level of the building.

Photo 3: Bedroom, Room 7, upper level of the building.

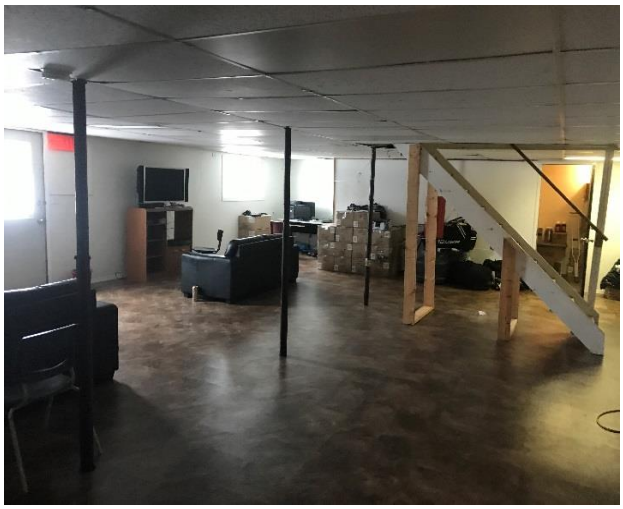


Photo 4: Basement open area, Room 12 lower level of the building.

OTHER MATERIALS	
Photo 5: Non-AC, 12”x12” white VFT with blue specks (R4-S1). Non-AC unidentified flooring (R4-S10) observed under this flooring.	**Photo 6: Non-AC, white stippled ceiling finish (R4-S2).**
Photo 7: Non-AC, MJC associated with finished gypsum board – (R4-S4).	**Photo 8: Non-AC, 12”x24” brown and grey stone pattern VFT (R4-S5).**

OTHER MATERIALS	
Photo 9: Non-AC, 2'x4' white CT with a dot and large fissure pattern (R4-S7).	**Photo 10: Non-AC, 2'x4' white CT with a dot and medium fissure pattern (R4-S8).**
Photo 11: Non-AC, grey asphalt shingles (R4-S9).	**Photo 12: Non-LC beige/light brown paint observed on gypsum board walls (R4-L1) and wood trim (R4-L2).**

OTHER MATERIALS

Photo 13: Non-LC green paint observed on gypsum board walls (R4-L3) and non-LC red paint observed on wood doors (R4-L4).

Photo 14: Non-LC blue paint observed on wood doors (R4-L5).

Photo 15: Non-LC green paint observed on wood doors (R4-L6).

Photo 16: Non-LC black paint observed on wood doors (R4-L8).

OTHER MATERIALS

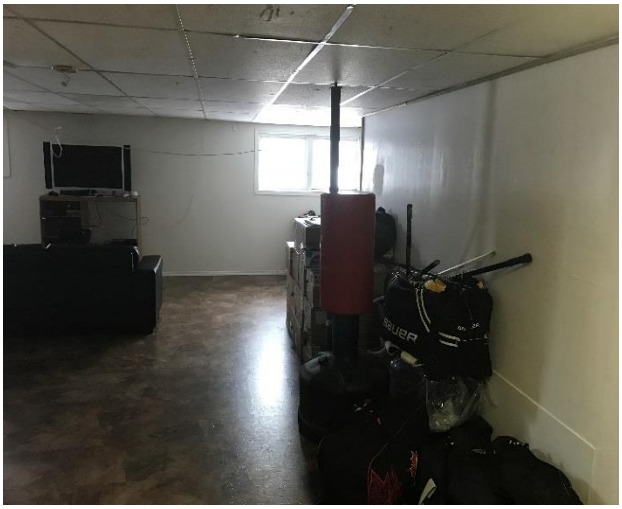


Photo 17: Non-LC white paint observed on gypsum board walls (R4-L9).

Photo 18: Non-LC blue paint observed on exterior wood panel (R4-L12).

Photo 19: Non-LC red paint observed on wood deck (R4-L13).

Photo 20: Mercury containing thermostat observed in the kitchen, Room 1.

OTHER MATERIALS

Photo 21: Chest freezer potentially containing ODS observed in the kitchen, Room 1.

GENERAL BUILDING PHOTOS

Photo 1: Exterior of the Maintenance Garage and Shed 1.

Photo 2: Exterior of Shed 2 and Shed 3.

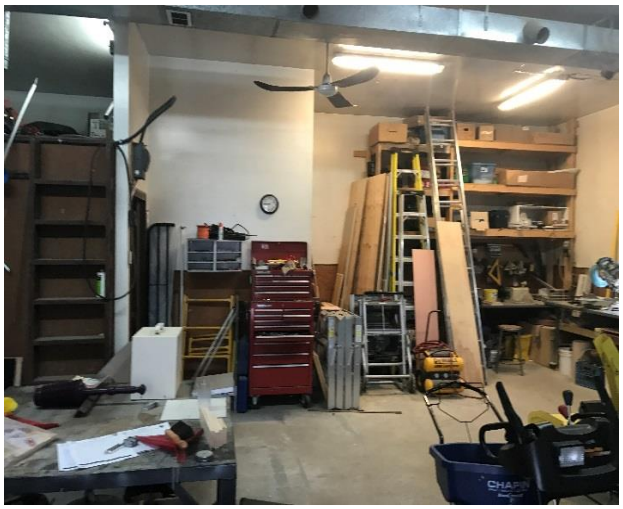


Photo 3: Interior of the Maintenance Garage, Room 1.

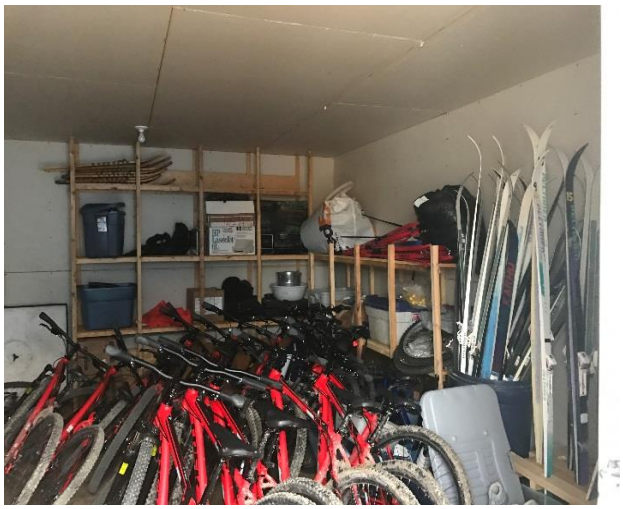
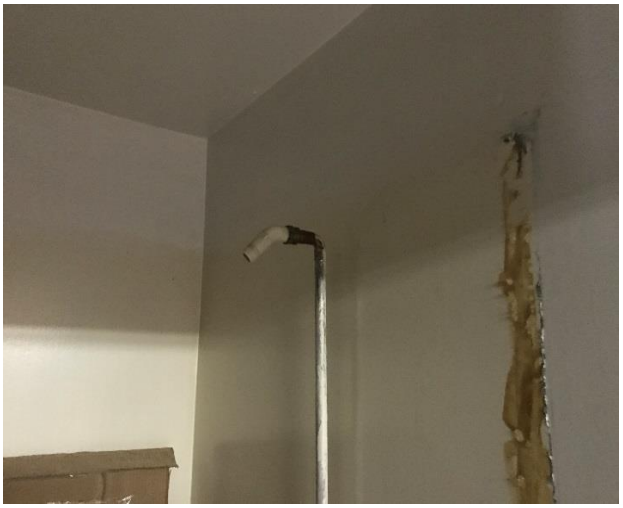


Photo 4: Interior of Shed 3.

LEAD-CONTAINING MATERIALS	
	
Photo 5: Lead-containing (LC) brown paint observed on wood trim and cabinets (MG-L2).	**Photo 6: LC solder observed on copper water lines (MG-L5).**
Photo 7: LC blue paint on wood siding on the exterior of Shed 2 (MG-L9) and non-LC grey paint observed on metal door and frame (MG-L8).	

OTHER MATERIALS	
Photo 8: Non-AC, MJC associated with finished gypsum board in the Maintenance Garage (MG-S1), non-LC white paint on gypsum board walls (MG-L1).	**Photo 9: Non-AC, black asphalt shingles observed on the roof of Shed 2 (MG-S2).**

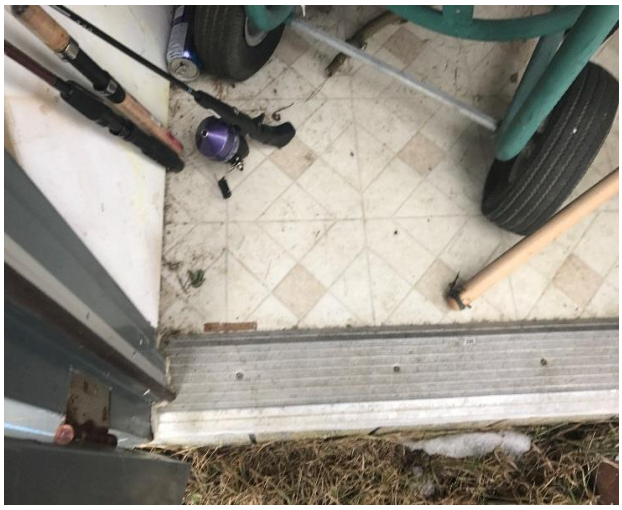



Photo 10: Non-AC, beige tile patterned VSF observed in Shed 2 (MG-S3).	**Photo 11: Non-AC, black asphalt shingles observed on the roof of Shed 3 (MG-S4), non-LC red paint on the wood siding on Shed 3 (MG-L11).**

OTHER MATERIALS	
Photo 12: Non-LC grey paint on poured concrete floor in the Maintenance Garage (MG-L4).	**Photo 13: Non-LC white paint on exterior wood trim on the Maintenance Garage (MG-L6).**
Photo 14: Mercury containing themostat observed in Room 1 of the Maintenance Garage.	**Photo 15: Water damaged gyspum board ceiling observed in the Maintenance Garage.**

PELICAN FALLS FIRST NATIONS HIGH SCHOOL
RESIDENCES #1 AND #2

GENERAL BUILDING PHOTOS

Photo 1: Exterior of Residence #1.

Photo 2: Exterior of Residence #2.

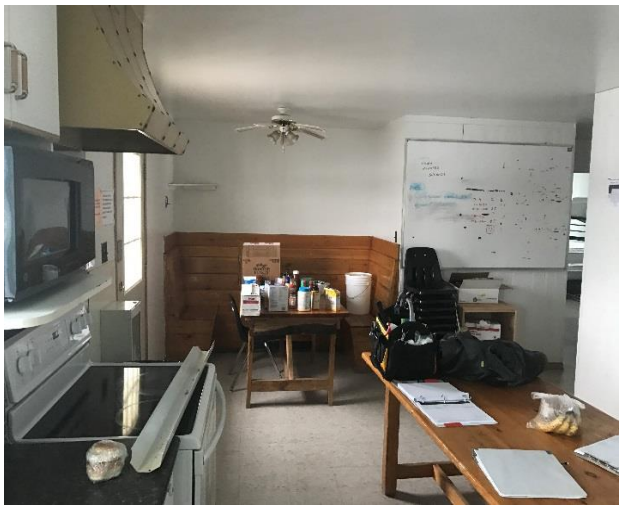


Photo 3: Kitchen of Residence #1.

Photo 4: Bedroom of Residence #2.

LEAD-CONTAINING MATERIALS	
Photo 5: Lead-containing (LC) white paint observed on gypsum board walls and ceilings in Residences #1 and #2 (R1-L2).	**Photo 6: LC solder observed on copper water lines in Residences #1 and #2 (R1-L9).**

OTHER MATERIALS	

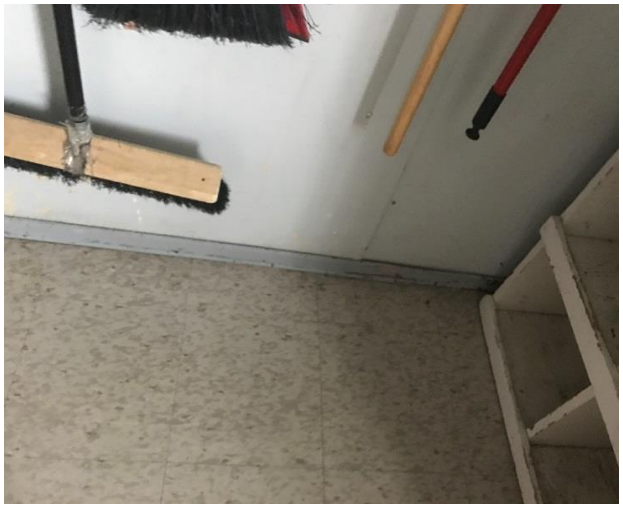



Photo 7: Non-AC, 12”x12” VFT with grey and brown specks observed in Residence #1 (R1-S1).	**Photo 8: Non-AC, MJC associated with finished gypsum board in Residence #1 and #2 (R1-S2).**

OTHER MATERIALS	
Photo 9: Non-AC, green speckled VSF observed in Residence #1 (R1-S3).	**Photo 10: Non-AC, 12”x12” brown stone pattern VFT (R2-S1) and non-AC beige vinyl flooring observed underneath in Residence #2 (R2-S4).**

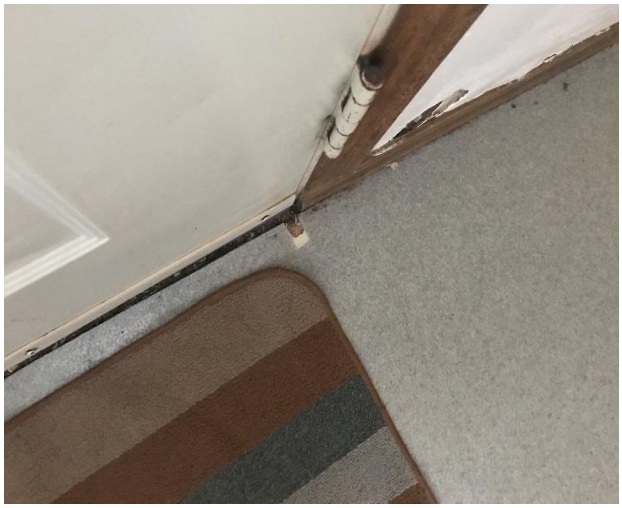



Photo 11: Non-AC, green speckled VSF observed in Residence #2 (R2-S2).	**Photo 12: Non-AC, beige VSF with brown streaks observed in Residence #2 (R2-S2).**

OTHER MATERIALS	
Photo 13: Non-LC white paint observed on wood trim and wall panelling in Residence #1 and #2 (R1-L1) and non-LC green paint observed on wood doors in Residences #1 and #2 (R1-L6).	**Photo 14: Non-LC red paint observed on wood doors in Residences #1 and #1 (R1-L3).**
Photo 15: Non-LC light grey paint on gyspum board walls (R1-L4) and non-LC grey paint on wood trim (R1-L5) observed in Residences #1 and #2.	**Photo 16: Non-LC orange paint observed on wood doors in Residences #1 and #2 (R1-L7).**

OTHER MATERIALS	
Photo 17: Non-LC yellow paint observed on wood shelves in Residence #1 (R1-L8).	**Photo 18: Non-LC blue paint observed on wood doors in Residence #2 (R2-L1).**
Photo 19: Mercury containing thermostat observed in Residence #2.	**Photo 20: Non-PCB containing fluorescent lamp ballast observed in Residence #1.**

PELICAN FALLS HIGH SCHOOL
RESIDENCE #7, #8 AND #9

GENERAL BUILDING PHOTOS

Photo 1: Example of exterior of Residences 7, 8 and 9.

Photo 2: Example of kitchen, Room 1, of Residences 7, 8 and 9.

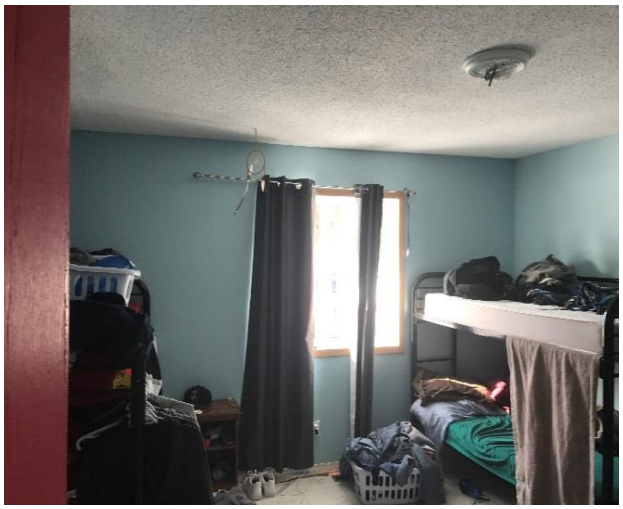


Photo 3: Example of bedrooms in Residences 7, 8 and 9.

Photo 4: Example of basement open area, Residences 7, 8 and 9.

OTHER MATERIALS	
Photo 5: Non-AC, 12”x12” white VFT with blue flecks (R7-S1) observed in Residences 7, 8 and 9.	**Photo 6: Non-AC, 12”x12” white VFT with blue streaks (R7-S2) observed in Residence 7.**
Photo 7: Non-AC, white stippled ceiling finish (R7-S3) observed in Residences 7, 8 and 9.	**Photo 8: Non-AC, MJC associated with finished gypsum board (R7-S4) observed in Residences 7, 8 and 9.**

OTHER MATERIALS	
Photo 9: Non-AC, green speckled VSF (R7-S5) observed in Residences 7, 8 and 9	**Photo 10: Non-AC, 2'x4' white CT with a dot and smal fissure pattern (R7-S7)**
Photo 11: Non-AC, black asphalt shingles (R7-S8) observed on Residence 7.	**Photo 12: Non-AC, 12"x24" grey and brown stone pattern VFT (R8-S1) observed in Residence 8.**

OTHER MATERIALS	
Photo 13: Non-LC light beige paint on gypsum board walls (R7-L1) and non-LC white paint on metal doors (R7-L2) observed in Residences 7, 8 and 9.	**Photo 14: Non-LC blue paint on gypsum board walls (R7-L4) in Residences 7 and 8, and non-LC red paint on wood doors (R7-L3) observed in Residences 7, 8 and 9.**

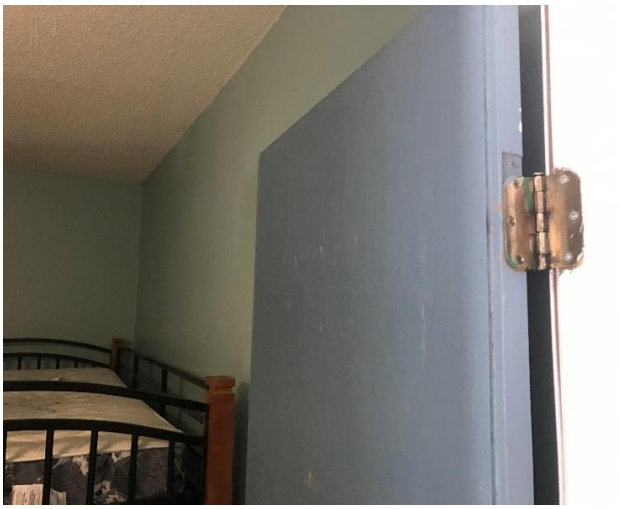



Photo 15: Non-LC teal paint on wood doors (R7-L5) observed in Residence 7.	**Photo 16: Non-LC blue paint on wood doors (R7-L6) observed in Residences 7, 8 and 9.**

OTHER MATERIALS	
Photo 17: Non-LC white paint on gypsum board walls (R7-L7) observed in Residences 7, 8 and 9, and non-LC yellow paint on wood and gypsum board walls (R7-L11) observed in Residence 7.	**Photo 18: Non-LC light blue paint on metal door and frame in (R7-L8) observed in Residence 7 and 8.**
Photo 19: Non-LC dark beige paint on metal stalls (R7-L10) observed in Residence 7 and 9.	**Photo 20: Non-LC green paint on wood doors (R7-L12) observed in Residences 7, 8 and 9, and non-LC purple paint on gypsum board walls (R9-L1) observed in Residence 9.**

OTHER MATERIALS	
Photo 21: Non-LC dark brown paint on wood shelves (R7-L13) observed in Residence 7.	**Photo 22: Non-LC blue paint on metal stalls (R8-L1) observed in Residence 8.**

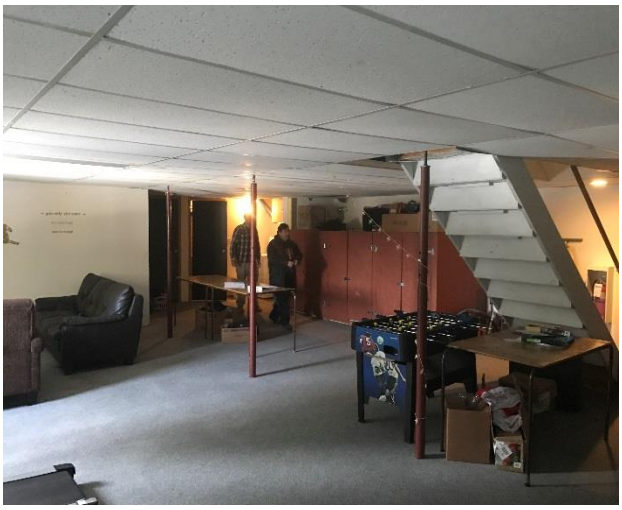
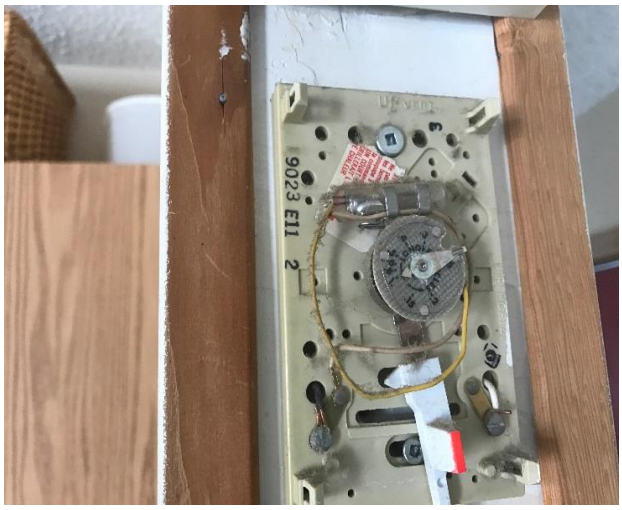

	

Photo 23: Non-LC black paint on wood doors (R9-L2) and red/brown paint on wood shelves (R9-L3) observed in Residence 9.	**Photo 24: Mercury containing thermostat observed in Residence 8.**

OTHER MATERIALS	

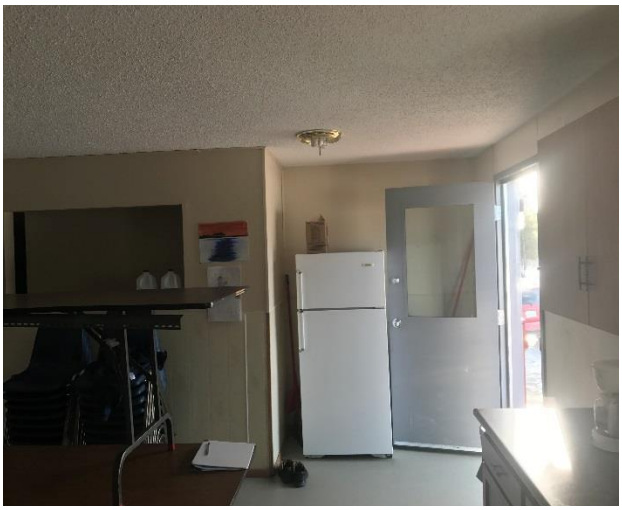



Photo 25: Refrigerator observed in Residence 8 which may contain ODS.	**Photo 26: Potential mould growth observed in the washroom in Residence 8.**
Photo 27: Water damaged ceiling observed in Room 5 of Residence 7.	**Photo 28: Water damaged/mouldy baseboard observed in Residence 7.**

OTHER MATERIALS	
Photo 29: Water damaged ceiling tiles observed in Residence 7.	

PELICAN FALLS FIRST NATIONS HIGH SCHOOL
RESIDENCE #5

GENERAL BUILDING PHOTOS

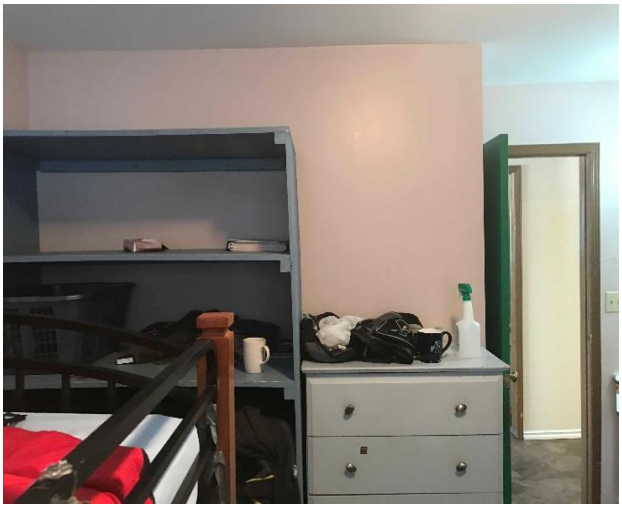
Photo 1: Exterior of Residence #5.

Photo 2: Residence #5 kitchen.

Photo 3: Residence #5 bedroom.

Photo 4: Residence #5 basement open area.

OTHER MATERIALS	
Photo 5: Non-AC 12”x24” grey and brown stone pattern VFT (R5-S1) and non-AC MJC associated with finished gypsum board (R5-S2).	**Photo 6: Non-AC, 12”x12” blue VFT with white specks (R5-S4).**
Photo 7: Non-AC, 12”x12” white VFT with blue specks (R5-S5).	**Photo 8: Non-AC, 2’x4’ white CT with a dot and fissure pattern (R5-S6).**

OTHER MATERIALS	
	
Photo 9: Non-LC light brown paint on gypsum board walls (R5-L1), non-LC white paint on gypsum board ceiling (R5-L2), and non-LC red paint on wood doors (R5-L7).	**Photo 10: Non-LC blush paint on gypsum board walls (R5-L3), non-LC teal paint on wood shelves (R5-L9) and non-LC green paint on wood door (R5-L5).**

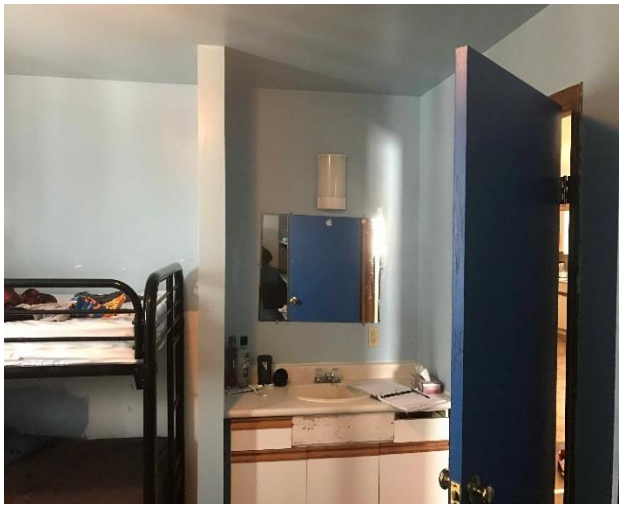



Photo 11: Non-LC light blue paint on gypsum board walls (R5-L4) and non-LC blue paint on wood doors (R5-L6).	**Photo 12: Non-LC orange paint on wood doors (R5-L8) and non-LC yellow paint on gyspum board walls (R5-L10).**

OTHER MATERIALS	
Photo 13: Mercury containing thermostat observed in the mechanical room.	

PELICAN FALLS FIRST NATIONS HIGH SCHOOL
RESIDENCE #6

GENERAL BUILDING PHOTOS

Photo 1: Exterior of the residence.

Photo 2: Kitchen on upper level of residence.

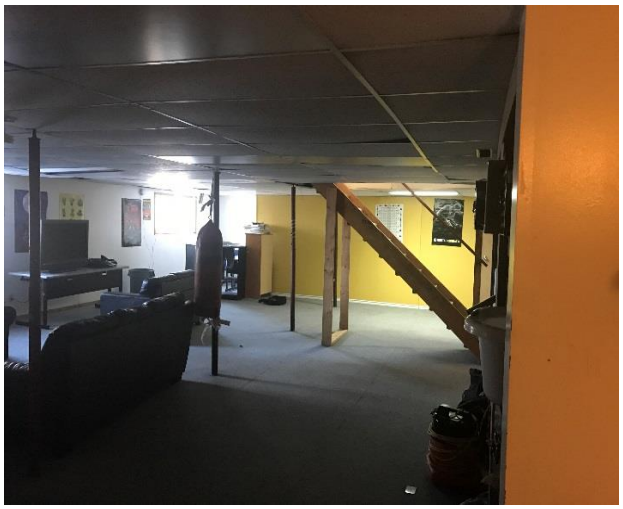


Photo 3: Open area on the lower level of the residence.

Photo 4: Bedroom on the upper level of the residence.

LEAD-CONTAINING MATERIALS	
Photo 5: Lead-containing (LC) green paint on wood doors (R6-L9).	

OTHER MATERIALS	
Photo 6: Non-AC, 12”x12” white VFT with blue streaks (R6-S1), non-AC MJC associated with finished gypsum board (R6-S5), and non-AC white stippled ceiling finish (R6-S4). Non-LC white paint on gypsum board walls (R6-L1).	**Photo 7: Non-AC, brown 12”x12” tile pattern VSF (R6-S3). Non-LC light green gypsum board walls (R6-L5) and non-LC teal paint on wood doors (R6-L3).**

OTHER MATERIALS	

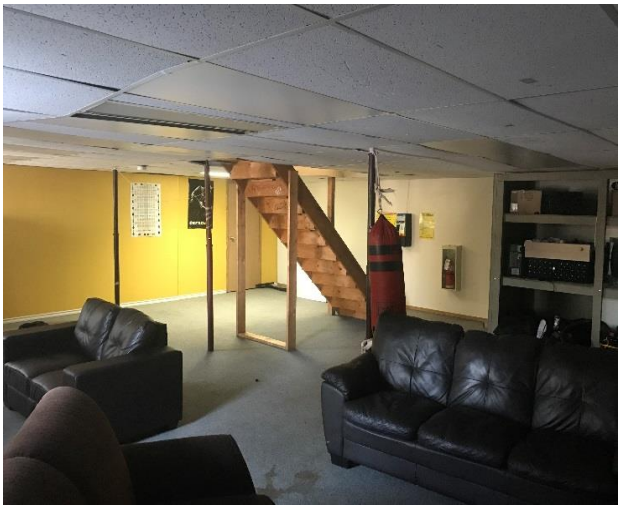
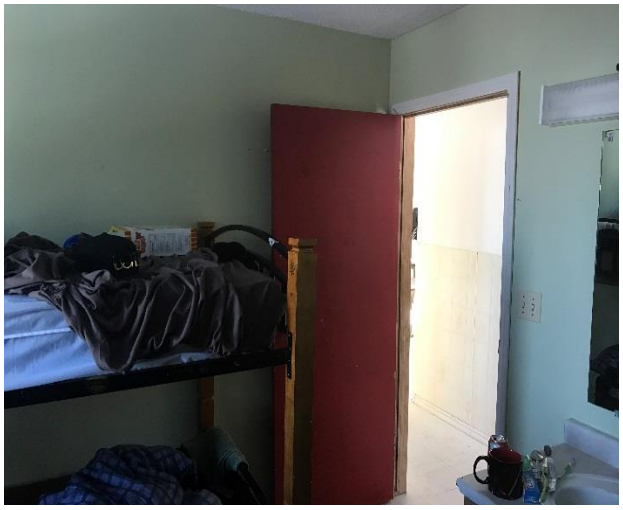
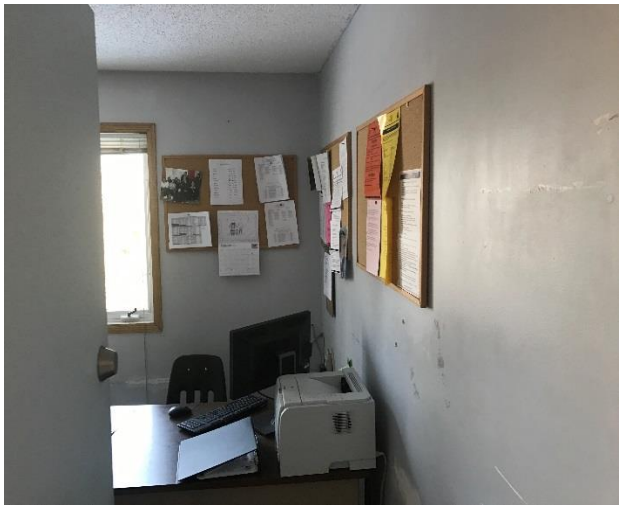

	

Photo 8: Non-AC, green speckled VSF (R6-S2), non-AC 2'x4' white CT with a dot and small fissure pattern (R6-S7) and non-AC 2'x4' white CT with a dot and large fissure pattern (R6-S8). Non-LC yellow paint on wood wall (R6-L11), and non-LC light grey paint on wood shelves (R6-L12).	**Photo 9: Non-LC, red wood doors (R6-L4).**
	
Photo 10: Non-LC blue wood doors (R6-L7).	**Photo 11: Non-LC grey gypsum board walls (R6-L6).**

OTHER MATERIALS	
Photo 12: Mercury containing thermostat observed in the residence.	**Photo 13: Americium 241 containing smoke detector observed in the residence.**
Photo 14: Ceiling tile with mould growth observed in the residence.	

PELICAN FALLS FIRST NATIONS HIGH SCHOOL
STAFF BUILDING

GENERAL BUILDING PHOTOS

Photo 1: Exterior of the staff building (right).

Photo 2: Kitchen in the staff building.

Photo 3: Bedroom in the staff building.

Photo 4: Storage room in the staff building.

OTHER MATERIALS	
Photo 5: Non-AC stippled ceiling finish (SB-S1).	**Photo 6: Non-AC grey VSF with a 6”x6” tile pattern (SB-S2).**
Photo 7: Non-AC, asphalt shingles (SB-S3). Non-LC grey wood siding (SB-L2).	**Photo 8: Water damaged stippled ceiling.**

PELICAN FALLS FIRST NATIONS HIGH SCHOOL
RECREATION HALL (DEN)

GENERAL BUILDING PHOTOS

Photo 1: Exterior of the Recreation Hall.

Photo 2: Open area in the Recreation Hall.

Photo 3: Kitchen in the Recreation Hall.

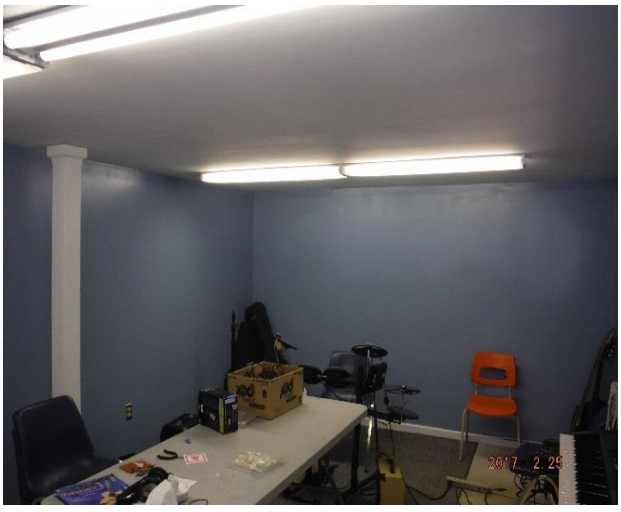


Photo 4: Music room on the second floor of the Recreation Hall.

OTHER MATERIALS	
Photo 5: Non-AC light brown VSF (Den-S1) and non-AC MJC associated with finished gypsum board (Den-S2). Non-LC brown paint on gypsum board walls (Den-L2), non-LC brown paint on wood walls (Den-L9), non-LC light beige paint on walls (Den-L8), and non-LC green paint on metal doors (Den-L3).	**Photo 6: Non-AC asphalt shingles observed on the Recreation Hall (Den-S3).**
Photo 7: Non-LC black paint observed on wood stage (Den-L4).	**Photo 8: Non-LC purple paint on gypsum board walls (Den-L6).**

OTHER MATERIALS	
Photo 9: Non-LC blue paint observed on gypsum board walls (Den-L7)	**Photo 10: Mercury containing thermostat observed on in the Recreation Hall**

PELICAN FALLS FIRST NATIONS HIGH SCHOOL
RESIDENCES #11, #12, #13 AND #14

GENERAL BUILDING PHOTOS

Photo 1: Example of exterior of residences.

Photo 2: Fuel oil tank located on the exterior of the residences.

Photo 3: Typical living room in the residences.

Photo 4: Typical bedroom observed in the residences.

OTHER MATERIALS	
Photo 5: Mercury containing thermostat observed in the residences.	**Photo 6: Smoke detector containing Americium 241 observed in the residences.**
Photo 7: Refrigerator and freezer possibly containing ODS.	**Photo 8: Water damage and/or potential mould growth observed in the Residences 11, 12 and 13.**

GENERAL BUILDING PHOTOS

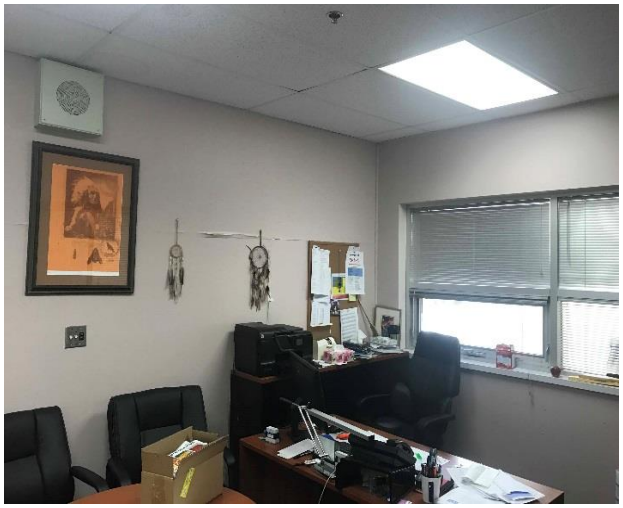
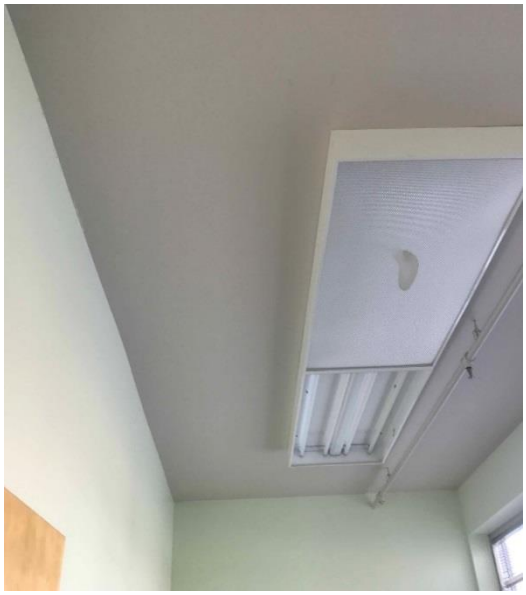


Photo 1: Example of offices observed in the High School.

Photo 2: Main entrance foyer of the High School.

Photo 3: Typical hallway observed in the High School.

Photo 4: Typical classroom observed in the High School.

OTHER MATERIALS	
Photo 5: Non-AC fiberglass pipe insulation observer in the High School.	**Photo 6: Chemical storage for the science department at the High School.**
	
Photo 7: Refrigerators possibly containing ODS observed in the High School.	**Photo 8: Fluorescent light fixtures with mercury containing light bulbs.**

OTHER MATERIALS	
Photo 9: Water damaged ceiling tiles observed in the office area of the High School.	

Appendix B: Laboratory Certificates of Analysis

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530974 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166949 **Client No.:** Den-S1a	**Description:** Off-White/Grey Vinyl Sheet Flooring **Facility:**	**Location:**	
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 5 Cellulose 2 Fibrous Glass	Percent Non-Fibrous Material: 93	
Lab No.: 6166950 **Client No.:** Den-S1b	**Description:** Off-White/Grey Vinyl Sheet Flooring **Facility:**	**Location:**	
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose 2 Fibrous Glass	Percent Non-Fibrous Material: 78	
Lab No.: 6166951 **Client No.:** Den-S1c	**Description:** Off-White/Grey Vinyl Sheet Flooring **Facility:**	**Location:**	
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose 1 Fibrous Glass	Percent Non-Fibrous Material: 79	
Lab No.: 6166952 **Client No.:** Den-S2a	**Description:** White Joint Compound **Facility:**	**Location:**	
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100	
Lab No.: 6166953 **Client No.:** Den-S2b	**Description:** White Joint Compound **Facility:**	**Location:**	
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100	
Lab No.: 6166954 **Client No.:** Den-S2c	**Description:** White Joint Compound **Facility:**	**Location:**	
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100	

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature: Becky Hargrove
Analyst: Rebecca Hargrove

Approved By: Frank Ehrenfeld
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530974 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166955 **Client No.:** Den-S2d	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166956 **Client No.:** Den-S2e	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166957 **Client No.:** Den-S2f	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166958 **Client No.:** Den-S2g	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166959 **Client No.:** Den-S3a	**Description:** Black/White/Grey Shingle **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose	Percent Non-Fibrous Material: 80
Lab No.: 6166960 **Client No.:** Den-S3b	**Description:** Black/White/Grey Shingle **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose	Percent Non-Fibrous Material: 80

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature: Becky Hargrove
Analyst: Rebecca Hargrove

Approved By: Frank Ehrenfeld
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530974 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166961
Client No.: Den-S3c

Description: Black/White/Grey Shingle
Facility:

Location:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
20 Cellulose

Percent Non-Fibrous Material:
80

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature: Becky Hargrove
Analyst: Rebecca Hargrove

Approved By: Frank Ehrenfeld
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530974 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report

Customer Contact:
Analysis: US EPA 600, R93-116

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Bulk Building Materials
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

Certifications:

- NIST-NVLAP No. 101165-0
- NY-DOH No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB)

Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process)
Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)>

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530974 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique – by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com**.

1) Note: No mastic provided for analysis.
2) Note: Insufficient mastic provided for analysis.
3) Note: Insufficient material provided for analysis.
4) Note: Insufficient sample provided for QC reanalysis.
5) Note: Different material than indicated on Sample Log / Description.
6) Note: Sample not submitted.
7) Note: Attached to asbestos containing material.
8) Note: Received wet.
9) Note: Possible surface contamination.
10) Note: Not building material. 1% threshold may not apply.
11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
12) Note: Asbestos detected but not quantifiable.
13) Note: Multiple identical samples submitted, only one analyzed.
14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.

Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gange, homogeneous exfoliated books of mica, or mixed mineral composites).Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) www.atsdr.cdc.gov, United States Geological Survey (USGS) www.minerals.usgs.gov/minerals/, US EPA www.epa.gov/asbestos. The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional.

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

1)**Analytical Step/Method:** Initial Screening by PLM, EPA 600R-93/116
Requirements/Comments: Minimum of 0.1 g of sample. ~0.25% LOQ for most samples.

2)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

3)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Floats" only.

4)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

5)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Suspension" only.

LOQ, Limit of Quantitation estimates for mass and volume analyses.
*With advance notice and confirmation by the laboratory.
**Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Engineering
1263 Innovation Drive
Thunder Bay, ON P7B 0A2

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Office Phone: (807) 626-5640 ext. 9206
Cell Phone:
FAX / Email 1: mbroere@truegriteng.com

Contact 1: Mike Broere
Contact 2: Jacquie Elvish
FAX / Email 2 jelvish@tgcl.ca

Special Instructions: POSITIVE STOP ANALYSIS. Analyze all samples as composites (NO SEPARATE LAYERS) unless otherwise indicated on the sample log.

Matrix:

- ☐ Air
- ☐ Water
- ☐ Soil
- ☐ Paint
- ☑ Bulk
- ☐ Surface Dust / Wipe
- ☐ Other _____

Analysis Method:

☑ PLM : Bulk Asbestos Building Materials EPA 600 / R 93-116

☐ PLM : Point Counting
- ☐ PC : via ELAP 198.1
- ☐ PC : 400 Points
- ☐ PC : 800 Points *
- ☐ PC : other _____ Points *

☐ PLM : Gravimetric Reduction
- ☐ PLM : NOB via 198.6
- ☐ PLM : Friable via EPA 600 2.3
- ☐ If <1% by PLM, to TEM via 198.4 *
- ☐ If <1% by PLM, Hold for Instructions

☑ PLM : Analyze Until Positive (Positive Stop)
- ☐ AUP : by Homogenous Area as Noted
- ☑ AUP : by Material Type as Noted

☐ PLM : Non-Building Material *, **(Dust, Wipe, Tape, Soil)
- ☐ Soil or Vermiculite Analysis *, **

☑ PLM: Instructions for Multi-Layered Samples
- ☐ Analyze and Report All Separable Layers per EPA 600
- ☐ Report Composite for Drywall Systems per NESHAP
- ☐ Report All Layers and Composite Where Applicable
- ☑ Only Analyze and Report Specifically Noted Layer

* Additional charge and turnaround may be required. ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory.

Turnaround Time:

Preliminary Results Requested By... _____ (date / time) ☐ Verbals ☐ FAX ■ Email

☐ 10 Day ☑ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. Please notify the lab before shipping.

Sample Numbers:

Client #(s): Den-S1a (start) - Deb-S3c (end) iATL#(s): _____ (start) - _____ (end) Total: 13

Please use your sample log to supply sampling information (ex. Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

Chain of Custody:

Relinquished (Name / Organization): Mike Broere/TGE Date: 27-Feb-17 Time: 11:00
Received (Name / iATL): _____ Date: _____ Time: _____
Sample Login (Name / iATL): [illegible] Date: _____ Time: _____
Sample Prep (Name / iATL): _____ Date: _____ Time: _____
Analysis(Name(s) / iATL): [illegible] 3-8-17 Date: _____ Time: _____
QA/QC Review (Name / iATL): [illegible] 3-8-17 Date: _____ Time: _____
Archived / Released: _____ QA/QC InterLAB Use: _____ Date: _____ Time: _____

RECEIVED
MAR - 1 2017
iATL - By [illegible]

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Consulting Ltd.

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Sampling Date: 22-Feb-17

Client Sample ID:	iATL Sample ID:	Sample Description / Location	Notes
Den-S1a	6166949	light brown VSF with grey specks	separate layer
Den-S1b	6166950	light brown VSF with grey specks	separate layer
Den-S1c	6166951	light brown VSF with grey specks	separate layer
Den-S2a	6166952	mud joint compound associated with finished gypsum board	composite
Den-S2b	6166953	mud joint compound associated with finished gypsum board	composite
Den-S2c	6166954	mud joint compound associated with finished gypsum board	composite
Den-S2d	6166955	mud joint compound associated with finished gypsum board	composite
Den-S2e	6166956	mud joint compound associated with finished gypsum board	composite
Den-S2f	6166957	mud joint compound associated with finished gypsum board	composite
Den-S2g	6166958	mud joint compound associated with finished gypsum board	composite
Den-S3a	6166959	asphalt shingles	composite
Den-S3b	6166960	asphalt shingles	composite
Den-S3c	6166961	asphalt shingles	composite

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530968 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166896 **Client No.:** SB-S1a	**Description:** White Ceiling Material **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166897 **Client No.:** SB-S1b	**Description:** White Ceiling Material **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166898 **Client No.:** SB-S1c	**Description:** White Ceiling Material **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166899 **Client No.:** SB-S2a	**Description:** Off-White Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 13 Cellulose 2 Fibrous Glass	Percent Non-Fibrous Material: 85
Lab No.: 6166900 **Client No.:** SB-S2b	**Description:** Off-White Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 15 Cellulose 2 Fibrous Glass	Percent Non-Fibrous Material: 83
Lab No.: 6166901 **Client No.:** SB-S2c	**Description:** Off-White Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 8 Cellulose 2 Fibrous Glass	Percent Non-Fibrous Material: 90

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Ellen Smith

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530968 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166902 **Description:** Black/White Shingle **Location:**
Client No.: SB-S3a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	35 Cellulose	65

Lab No.: 6166903 **Description:** Black/White Shingle **Location:**
Client No.: SB-S3b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	35 Cellulose	65

Lab No.: 6166904 **Description:** Black/White Shingle **Location:**
Client No.: SB-S3c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	35 Cellulose	65

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Ellen Smith

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530968 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report

Customer Contact:
Analysis: US EPA 600, R93-116

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Bulk Building Materials
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

Certifications:

- NIST-NVLAP No. 101165-0
- NY-DOH No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB)

Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process)
Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)>

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530968 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique – by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com**.

1) Note: No mastic provided for analysis.
2) Note: Insufficient mastic provided for analysis.
3) Note: Insufficient material provided for analysis.
4) Note: Insufficient sample provided for QC reanalysis.
5) Note: Different material than indicated on Sample Log / Description.
6) Note: Sample not submitted.
7) Note: Attached to asbestos containing material.
8) Note: Received wet.
9) Note: Possible surface contamination.
10) Note: Not building material. 1% threshold may not apply.
11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
12) Note: Asbestos detected but not quantifiable.
13) Note: Multiple identical samples submitted, only one analyzed.
14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.

Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gange, homogeneous exfoliated books of mica, or mixed mineral composites).Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) www.atsdr.cdc.gov, United States Geological Survey (USGS) www.minerals.usgs.gov/minerals/, US EPA www.epa.gov/asbestos. The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional.

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

1)**Analytical Step/Method:** Initial Screening by PLM, EPA 600R-93/116
Requirements/Comments: Minimum of 0.1 g of sample. ~0.25% LOQ for most samples.

2)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

3)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Floats" only.

4)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

5)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Suspension" only.

LOQ, Limit of Quantitation estimates for mass and volume analyses.
*With advance notice and confirmation by the laboratory.
**Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).

iATL INTERNATIONAL
Asbestos Testing Laboratories

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Chain of Custody / Sample Log
Bulk Asbestos

Client: True Grit Engineering
1263 Innovation Drive
Thunder Bay, ON P7B 0A2

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Office Phone: (807) 626-5640 ext. 9206
Cell Phone:
FAX / Email 1: mbroere@truegriteng.com

Contact 1: Mike Broere
Contact 2: Jacquie Elvish
FAX / Email 2 jelvish@tgcl.ca

Special Instructions: POSITIVE STOP ANALYSIS. Analyze all samples as composites (NO SEPARATE LAYERS) unless otherwise indicated on the sample log.

Matrix:

- ☐ Air
- ☐ Water
- ☐ Soil
- ☐ Paint
- ☑ Bulk
- ☐ Surface Dust / Wipe
- ☐ Other _____

Analysis Method:

☑ PLM : Bulk Asbestos Building Materials EPA 600 / R 93-116

☐ PLM : Point Counting
- ☐ PC : via ELAP 198.1
- ☐ PC : 400 Points
- ☐ PC : 800 Points *
- ☐ PC : other _____ Points *

☐ PLM : Gravimetric Reduction
- ☐ PLM : NOB via 198.6
- ☐ PLM : Friable via EPA 600 2.3
- ☐ If <1% by PLM, to TEM via 198.4 *
- ☐ If <1% by PLM, Hold for Instructions

☑ PLM : Analyze Until Positive (Positive Stop)
- ☐ AUP : by Homogenous Area as Noted
- ☑ AUP : by Material Type as Noted

☐ PLM : Non-Building Material *, **(Dust, Wipe, Tape, Soil)
- ☐ Soil or Vermiculite Analysis *, **

☑ PLM: Instructions for Multi-Layered Samples
- ☐ Analyze and Report All Separable Layers per EPA 600
- ☐ Report Composite for Drywall Systems per NESHAP
- ☐ Report All Layers and Composite Where Applicable
- ☑ Only Analyze and Report Specifically Noted Layer

* Additional charge and turnaround may be required. ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory.

Turnaround Time:

Preliminary Results Requested By... _____ ☐ Verbals ☐ FAX ■ Email
date / time

☐ 10 Day ☑ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. Please notify the lab before shipping.

Sample Numbers:

Client #(s): SB-S1a (start) - SB-S3c (end) iATL#(s): _____ (start) - _____ (end) Total: 9

Please use your sample log to supply sampling information (ex. Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

Chain of Custody:

Relinquished (Name / Organization): Mike Broere/TGE Date: 27-Feb-17 Time: 11:00
Received (Name / iATL): RECEIVED Date: Time:
Sample Login (Name / iATL): IA 030317 Date: Time:
Sample Prep (Name / iATL): Date: Time:
Analysis(Name(s) / iATL): Date: MAR 2 & 1 2017 Time:
QA/QC Review (Name / iATL): 3-8-17 Date: Time:
Archived / Released: QA/QC InterLAB Use: Date: Time:
iATL - By

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Consulting Ltd.

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Sampling Date: 22-Feb-17

Client Sample ID:	iATL Sample ID:	Sample Description / Location	Notes
SB-S1a	6166896	stippled ceiling finish	composite
SB-S1b	6166897	stippled ceiling finish	composite
SB-S1c	6166898	stippled ceiling finish	composite
SB-S2a	6166899	beige VSF	separate layer
SB-S2b	6166900	beige VSF	separate layer
SB-S2c	6166901	beige VSF	separate layer
SB-S3a	6166902	asphalt shingles	composite
SB-S3b	6166903	asphalt shingles	composite
SB-S3c	6166904	asphalt shingles	composite

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530972 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166935 **Client No.:** MG-S1a	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166936 **Client No.:** MG-S1b	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166937 **Client No.:** MG-S1c	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166938 **Client No.:** MG-S1d	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166939 **Client No.:** MG-S1e	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166940 **Client No.:** MG-S2a	**Description:** Black/Red Shingle **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose	Percent Non-Fibrous Material: 80

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Ellen Smith

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530972 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166940(L2) **Description:** Black Shingle **Location:**
Client No.: MG-S2a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	30 Cellulose	70

Lab No.: 6166941 **Description:** Black/Red Shingle **Location:**
Client No.: MG-S2b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	20 Cellulose	80

Lab No.: 6166941(L2) **Description:** Black Shingle **Location:**
Client No.: MG-S2b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	35 Cellulose	65

Lab No.: 6166942 **Description:** Black/Orange Shingle **Location:**
Client No.: MG-S2c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	20 Cellulose	80

Lab No.: 6166942(L2) **Description:** Black Shingle **Location:**
Client No.: MG-S2c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	20 Cellulose	80

Lab No.: 6166943 **Description:** Off-White Vinyl Sheet Flooring **Location:**
Client No.: MG-S3a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	10 Cellulose 2 Fibrous Glass	88

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Ellen Smith

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530972 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166943(L2) **Description:** Off-White Mastic **Location:**
Client No.: MG-S3a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166944 **Description:** Off-White Vinyl Sheet Flooring **Location:**
Client No.: MG-S3b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	10 Cellulose 2 Fibrous Glass	88

Lab No.: 6166944(L2) **Description:** Off-White Mastic **Location:**
Client No.: MG-S3b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166945 **Description:** Off-White Vinyl Sheet Flooring **Location:**
Client No.: MG-S3c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	10 Cellulose 2 Fibrous Glass	88

Lab No.: 6166945(L2) **Description:** Off-White Mastic **Location:**
Client No.: MG-S3c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166946 **Description:** Black Shingle **Location:**
Client No.: MG-S4a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	30 Cellulose	70

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Ellen Smith

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530972 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166947
Client No.: MG-S4b
Description: Black Shingle
Facility:
Location:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
45 Cellulose

Percent Non-Fibrous Material:
55

Lab No.: 6166948
Client No.: MG-S4c
Description: Black Shingle
Facility:
Location:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
40 Cellulose

Percent Non-Fibrous Material:
60

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Ellen Smith

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530972 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report

Customer Contact:
Analysis: US EPA 600, R93-116

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Bulk Building Materials
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

Certifications:

- NIST-NVLAP No. 101165-0
- NY-DOH No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB)

Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process)
Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)>

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530972 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique – by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com**.

1) Note: No mastic provided for analysis.
2) Note: Insufficient mastic provided for analysis.
3) Note: Insufficient material provided for analysis.
4) Note: Insufficient sample provided for QC reanalysis.
5) Note: Different material than indicated on Sample Log / Description.
6) Note: Sample not submitted.
7) Note: Attached to asbestos containing material.
8) Note: Received wet.
9) Note: Possible surface contamination.
10) Note: Not building material. 1% threshold may not apply.
11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
12) Note: Asbestos detected but not quantifiable.
13) Note: Multiple identical samples submitted, only one analyzed.
14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.

Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gange, homogeneous exfoliated books of mica, or mixed mineral composites).Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) www.atsdr.cdc.gov, United States Geological Survey (USGS) www.minerals.usgs.gov/minerals/, US EPA www.epa.gov/asbestos. The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional.

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

1)**Analytical Step/Method:** Initial Screening by PLM, EPA 600R-93/116
Requirements/Comments: Minimum of 0.1 g of sample. ~0.25% LOQ for most samples.

2)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

3)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Floats" only.

4)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

5)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Suspension" only.

LOQ, Limit of Quantitation estimates for mass and volume analyses.
*With advance notice and confirmation by the laboratory.
**Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).

iATL INTERNATIONAL
Asbestos Testing Laboratories

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Chain of Custody / Sample Log
Bulk Asbestos

Client: True Grit Engineering
1263 Innovation Drive
Thunder Bay, ON P7B 0A2

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Office Phone: (807) 626-5640 ext. 9206
Cell Phone:
FAX / Email 1: mbroere@truegriteng.com

Contact 1: Mike Broere
Contact 2: Jacquie Elvish
FAX / Email 2 jelvish@tgcl.ca

Special Instructions: POSITIVE STOP ANALYSIS. Analyze all samples as composites (NO SEPARATE LAYERS) unless otherwise indicated on the sample log.

Matrix:

- [ ] Air
- [ ] Water
- [ ] Soil
- [ ] Paint
- [x] Bulk
- [ ] Surface Dust / Wipe
- [ ] Other

Analysis Method:

- [x] PLM : Bulk Asbestos Building Materials EPA 600 / R 93-116

- [ ] PLM : Point Counting
  - [ ] PC : via ELAP 198.1
  - [ ] PC : 400 Points
  - [ ] PC : 800 Points *
  - [ ] PC : other _____ Points *

- [ ] PLM : Gravimetric Reduction
  - [ ] PLM : NOB via 198.6
  - [ ] PLM : Friable via EPA 600 2.3
  - [ ] If <1% by PLM, to TEM via 198.4 *
  - [ ] If <1% by PLM, Hold for Instructions

- [x] PLM : Analyze Until Positive (Positive Stop)
  - [ ] AUP : by Homogenous Area as Noted
  - [x] AUP : by Material Type as Noted

- [ ] PLM : Non-Building Material *, **(Dust, Wipe, Tape, Soil)
  - [ ] Soil or Vermiculite Analysis *, **

- [x] PLM: Instructions for Multi-Layered Samples
  - [ ] Analyze and Report All Separable Layers per EPA 600
  - [ ] Report Composite for Drywall Systems per NESHAP
  - [ ] Report All Layers and Composite Where Applicable
  - [x] Only Analyze and Report Specifically Noted Layer

* Additional charge and turnaround may be required. ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory.

Turnaround Time:

Preliminary Results Requested By... _____ (date / time) ☐ Verbals ☐ FAX ■ Email

- [ ] 10 Day
- [x] 5 Day
- [ ] 3 Day
- [ ] 2 Day
- [ ] 1 Day*
- [ ] 12 Hour**
- [ ] 6 Hour**
- [ ] RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. Please notify the lab before shipping.

Sample Numbers:

Client #(s): MG-S1a (start) - MG-S4c (end) iATL#(s): _____ (start) - _____ (end) Total: 14

Please use your sample log to supply sampling information (ex. Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

Chain of Custody:

Relinquished (Name / Organization): Mike Broere/TGE Date: 3 Feb/17 Time: 14:00
Received (Name / iATL): Date: Time:
Sample Login (Name / iATL): Date: Time:
Sample Prep (Name / iATL): Date: Time:
Analysis(Name(s) / iATL): Date: Time:
QA/QC Review (Name / iATL): Date: Time:
Archived / Released: QA/QC InterLAB Use: Date: Time:

RECEIVED MAR 8 2017 iATL - By

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Consulting Ltd.

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Sampling Date: 22-Feb-17

Client Sample ID:	iATL Sample ID:	Sample Description / Location	Notes
MG-S1a	6166935	mud joint compound associated with finished gypsum board	composite
MG-S1b	6166936	mud joint compound associated with finished gypsum board	composite
MG-S1c	6166937	mud joint compound associated with finished gypsum board	composite
MG-S1d	6166938	mud joint compound associated with finished gypsum board	composite
MG-S1e	6166939	mud joint compound associated with finished gypsum board	composite
MG-S2a	6166940	asphalt shingles	composite
MG-S2b	6166941	asphalt shingles	composite
MG-S2c	6166942	asphalt shingles	composite
MG-S3a	6166943	beige tile pattern VSF	separate layer
MG-S3b	6166944	beige tile pattern VSF	separate layer
MG-S3c	6166945	beige tile pattern VSF	separate layer
MG-S4a	6166946	asphalt shingles	composite
MG-S4b	6166947	asphalt shingles	composite
MG-S4c	6166948	asphalt shingles	composite

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530958 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166720 **Description:** White Floor Tile; 12x12 **Location:**
Client No.: R1-S1a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166721 **Description:** White Floor Tile; 12x12 **Location:**
Client No.: R1-S1b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166722 **Description:** White Floor Tile; 12x12 **Location:**
Client No.: R1-S1c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166723 **Description:** White Joint Compound **Location:**
Client No.: R1-S2a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166724 **Description:** White Joint Compound **Location:**
Client No.: R1-S2b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166725 **Description:** White Joint Compound **Location:**
Client No.: R1-S2c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Alex Wright

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530958 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166726 **Client No.:** R1-S2d	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166727 **Client No.:** R1-S2e	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166728 **Client No.:** R1-S2f	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166729 **Client No.:** R1-S2g	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166730 **Client No.:** R1-S3a	**Description:** White Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166731 **Client No.:** R1-S3b	**Description:** White Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Alex Wright

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530958 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166732 **Client No.:** R1-S3c	**Description:** White Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166733 **Client No.:** R2-S1a	**Description:** Brown/Grey Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 5 Cellulose	Percent Non-Fibrous Material: 95
Lab No.: 6166734 **Client No.:** R2-S1b	**Description:** Brown/Grey Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 5 Cellulose	Percent Non-Fibrous Material: 95
Lab No.: 6166735 **Client No.:** R2-S1c	**Description:** Brown/Grey Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 5 Cellulose	Percent Non-Fibrous Material: 95
Lab No.: 6166736 **Client No.:** R2-S2a	**Description:** Grey/Tan Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose 5 Fibrous Glass	Percent Non-Fibrous Material: 75
Lab No.: 6166737 **Client No.:** R2-S2b	**Description:** Grey/Tan Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose 5 Fibrous Glass	Percent Non-Fibrous Material: 75

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Alex Wright

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530958 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166738 **Client No.:** R2-S2c	**Description:** Grey/Tan Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose 5 Fibrous Glass	Percent Non-Fibrous Material: 75
Lab No.: 6166739 **Client No.:** R2-S3a	**Description:** Beige Floor Tile **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166740 **Client No.:** R2-S3b	**Description:** Beige Floor Tile **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166741 **Client No.:** R2-S3c	**Description:** Beige Floor Tile **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166742 **Client No.:** R2-S4a	**Description:** White Floor Tile **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166743 **Client No.:** R2-S4b	**Description:** White Floor Tile **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Alex Wright

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530958 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166744
Client No.: R2-S4c

Description: White Floor Tile
Facility:

Location:

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Alex Wright

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530958 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report

Customer Contact:
Analysis: US EPA 600, R93-116

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Bulk Building Materials
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

Certifications:

- NIST-NVLAP No. 101165-0
- NY-DOH No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB)

Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process)
Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)>

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530958 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique – by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com**.

1) Note: No mastic provided for analysis.
2) Note: Insufficient mastic provided for analysis.
3) Note: Insufficient material provided for analysis.
4) Note: Insufficient sample provided for QC reanalysis.
5) Note: Different material than indicated on Sample Log / Description.
6) Note: Sample not submitted.
7) Note: Attached to asbestos containing material.
8) Note: Received wet.
9) Note: Possible surface contamination.
10) Note: Not building material. 1% threshold may not apply.
11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
12) Note: Asbestos detected but not quantifiable.
13) Note: Multiple identical samples submitted, only one analyzed.
14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.

Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gange, homogeneous exfoliated books of mica, or mixed mineral composites).Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) www.atsdr.cdc.gov, United States Geological Survey (USGS) www.minerals.usgs.gov/minerals/, US EPA www.epa.gov/asbestos. The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional.

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

1)**Analytical Step/Method:** Initial Screening by PLM, EPA 600R-93/116
Requirements/Comments: Minimum of 0.1 g of sample. ~0.25% LOQ for most samples.

2)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

3)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Floats" only.

4)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

5)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Suspension" only.

LOQ, Limit of Quantitation estimates for mass and volume analyses.
*With advance notice and confirmation by the laboratory.
**Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).

Chain of Custody / Sample Log
Bulk Asbestos

iATL INTERNATIONAL
Asbestos Testing Laboratories

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Engineering
1263 Innovation Drive
Thunder Bay, ON P7B 0A2

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Office Phone: (807) 626-5640 ext. 9206
Cell Phone:
FAX / Email 1: mbroere@truegriteng.com

Contact 1: Mike Broere
Contact 2: Jacquie Elvish
FAX / Email 2 jelvish@tgcl.ca

Special Instructions: POSITIVE STOP ANALYSIS. Analyze all samples as composites (NO SEPARATE LAYERS) unless otherwise indicated on the sample log.

Matrix:

- [ ] Air
- [ ] Water
- [ ] Soil
- [ ] Paint
- [x] Bulk
- [ ] Surface Dust / Wipe
- [ ] Other

Analysis Method:

- [x] PLM : Bulk Asbestos Building Materials EPA 600 / R 93-116

- [ ] PLM : Point Counting
  - [ ] PC : via ELAP 198.1
  - [ ] PC : 400 Points
  - [ ] PC : 800 Points *
  - [ ] PC : other _____ Points *
- [ ] PLM : Gravimetric Reduction
  - [ ] PLM : NOB via 198.6
  - [ ] PLM : Friable via EPA 600 2.3
  - [ ] If <1% by PLM, to TEM via 198.4 *
  - [ ] If <1% by PLM, Hold for Instructions
- [x] PLM : Analyze Until Positive (Positive Stop)
  - [ ] AUP : by Homogenous Area as Noted
  - [x] AUP : by Material Type as Noted
- [ ] PLM : Non-Building Material *, **(Dust, Wipe, Tape, Soil)
  - [ ] Soil or Vermiculite Analysis *, **
- [x] PLM: Instructions for Multi-Layered Samples
  - [ ] Analyze and Report All Separable Layers per EPA 600
  - [ ] Report Composite for Drywall Systems per NESHAP
  - [ ] Report All Layers and Composite Where Applicable
  - [x] Only Analyze and Report Specifically Noted Layer

* Additional charge and turnaround may be required. ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory.

Turnaround Time:

Preliminary Results Requested By... _____ date / time ☐ Verbals ☐ FAX ■ Email

- [ ] 10 Day
- [x] 5 Day
- [ ] 3 Day
- [ ] 2 Day
- [ ] 1 Day*
- [ ] 12 Hour**
- [ ] 6 Hour**
- [ ] RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. Please notify the lab before shipping.

Sample Numbers:

Client #(s): R1-S1a (start) - R2-S4c (end) iATL#(s): _____ (start) - _____ (end) Total: 25

Please use your sample log to supply sampling information (ex. Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

Chain of Custody:

Relinquished (Name / Organization):	Mike Broere/TGE	Date: 27-Feb-17	Time: 11:00
Received (Name / iATL):		Date:	Time:
Sample Login (Name / iATL):	ew 030317	Date:	Time:
Sample Prep (Name / iATL):		Date:	Time:
Analysis(Name(s) / iATL):		Date:	Time:
QA/QC Review (Name / iATL):	3-8-17	Date:	Time:
Archived / Released:	QA/QC InterLAB Use:	Date:	Time:

RECEIVED MAR - 1 2017 iATL - Bay

AW 3/08/17

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Consulting Ltd.

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Sampling Date: 22-Feb-17

Client Sample ID:	iATL Sample ID:	Sample Description / Location	Notes
R1-S1a	6166720	12"x12" white VFT with grey and brown specks	separate layer
R1-S1b	6166721	12"x12" white VFT with grey and brown specks	separate layer
R1-S1c	6166722	12"x12" white VFT with grey and brown specks	separate layer
R1-S2a	6166723	mud joint compound associated with finished gypsum board	composite
R1-S2b	6166724	mud joint compound associated with finished gypsum board	composite
R1-S2c	6166725	mud joint compound associated with finished gypsum board	composite
R1-S2d	6166726	mud joint compound associated with finished gypsum board	composite
R1-S2e	6166727	mud joint compound associated with finished gypsum board	composite
R1-S2f	6166728	mud joint compound associated with finished gypsum board	composite
R1-S2g	6166729	mud joint compound associated with finished gypsum board	composite
R1-S3a	6166730	Green speckled vinyl sheet flooring (R1)	separate layer
R1-S3b	6166731	Green speckled vinyl sheet flooring (R1)	separate layer
R1-S3c	6166732	Green speckled vinyl sheet flooring (R1)	separate layer
R2-S1a	6166733	12"x12" brown VFT with a stone pattern	separate layer
R2-S1b	6166734	12"x12" brown VFT with a stone pattern	separate layer
R2-S1c	6166735	12"x12" brown VFT with a stone pattern	separate layer
R2-S2a	6166736	Green speckled vinyl sheet flooring (R2)	separate layer
R2-S2b	6166737	Green speckled vinyl sheet flooring (R2)	separate layer
R2-S2c	6166738	Green speckled vinyl sheet flooring (R2)	separate layer
R2-S3a	6166739	beige vinyl sheet flooring with brown streaks	separate layer
R2-S3b	6166740	beige vinyl sheet flooring with brown streaks	separate layer
R2-S3c	6166741	beige vinyl sheet flooring with brown streaks	separate layer
R2-S4a	6166742	beige flooring observed under R2-S1	separate layer
R2-S4b	6166743	beige flooring observed under R2-S1	separate layer
R2-S4c	6166744	beige flooring observed under R2-S1	separate layer

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530956 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166681 **Description:** Grey/Brown Vinyl Sheet Flooring **Location:**
Client No.: R3-S1a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	10 Cellulose	90

Lab No.: 6166681(L2) **Description:** White/Grey Mastic **Location:**
Client No.: R3-S1a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166682 **Description:** Grey/Brown Vinyl Sheet Flooring **Location:**
Client No.: R3-S1b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	10 Cellulose	90

Lab No.: 6166682(L2) **Description:** White/Grey Mastic **Location:**
Client No.: R3-S1b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166683 **Description:** Grey/Brown Vinyl Sheet Flooring **Location:**
Client No.: R3-S1c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	5 Cellulose	95

Lab No.: 6166683(L2) **Description:** White/Tan Mastic **Location:**
Client No.: R3-S1c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Rachel McQuiggan

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530956 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166684 **Client No.:** R3-S2a	**Description:** Tan Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 10 Fibrous Glass	Percent Non-Fibrous Material: 90
Lab No.: 6166685 **Client No.:** R3-S2b	**Description:** Tan Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 10 Fibrous Glass	Percent Non-Fibrous Material: 90
Lab No.: 6166686 **Client No.:** R3-S2c	**Description:** Tan Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 10 Fibrous Glass	Percent Non-Fibrous Material: 90
Lab No.: 6166687 **Client No.:** R3-S3a	**Description:** Grey Floor Tile **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 5 Fibrous Glass	Percent Non-Fibrous Material: 95
Lab No.: 6166688 **Client No.:** R3-S3b	**Description:** Grey Floor Tile **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 5 Fibrous Glass	Percent Non-Fibrous Material: 95
Lab No.: 6166689 **Client No.:** R3-S3c	**Description:** Grey Floor Tile **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 5 Fibrous Glass	Percent Non-Fibrous Material: 95

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Rachel McQuiggan

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530956 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166690 **Client No.:** R3-S4a	**Description:** White Joint Compound **Facility:**	**Location:** East Side Main Floor
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166690(L2) **Client No.:** R3-S4a	**Description:** Tan Plaster **Facility:**	**Location:** East Side Main Floor
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166690(L3) **Client No.:** R3-S4a	**Description:** Tan Joint Compound **Facility:**	**Location:** East Side Main Floor
Percent Asbestos: ***PC 1.5*** *Chrysotile*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 98.5
Lab No.: 6166691 **Client No.:** R3-S4b	**Description:** White Joint Compound **Facility:**	**Location:** East Side Main Floor
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166691(L2) **Client No.:** R3-S4b	**Description:** Tan Plaster **Facility:**	**Location:** East Side Main Floor
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166692 **Client No.:** R3-S4c	**Description:** White Joint Compound **Facility:**	**Location:** East Side Main Floor
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Rachel McQuiggan

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530956 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166692(L2) **Client No.:** R3-S4c	**Description:** Tan Plaster **Facility:**	**Location:** East Side Main Floor
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166693 **Client No.:** R3-S5a	**Description:** White Joint Compound **Facility:**	**Location:** West Side Main Floor
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166694 **Client No.:** R3-S5b	**Description:** White Joint Compound **Facility:**	**Location:** West Side Main Floor
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166695 **Client No.:** R3-S5c	**Description:** White Joint Compound **Facility:**	**Location:** West Side Main Floor
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166696 **Client No.:** R3-S6a	**Description:** Tan Ceiling Tile; 2x2 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 50 Cellulose 10 Fibrous Glass	Percent Non-Fibrous Material: 40
Lab No.: 6166697 **Client No.:** R3-S6b	**Description:** Tan Ceiling Tile; 2x2 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 50 Cellulose 10 Fibrous Glass	Percent Non-Fibrous Material: 40

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Rachel McQuiggan

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530956 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166698 **Client No.:** R3-S6c	**Description:** Tan Ceiling Tile; 2x2 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 50 Cellulose 10 Fibrous Glass	Percent Non-Fibrous Material: 40
Lab No.: 6166699 **Client No.:** R3-S8a	**Description:** White Joint Compound **Facility:**	**Location:** Basement
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166700 **Client No.:** R3-S8b	**Description:** White Joint Compound **Facility:**	**Location:** Basement
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166701 **Client No.:** R3-S8c	**Description:** White Joint Compound **Facility:**	**Location:** Basement
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166702 **Client No.:** R3-S9a	**Description:** Grey Transite **Facility:**	**Location:**
Percent Asbestos: ***25*** *Chrysotile*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 75
Lab No.: 6166703 **Client No.:** R3-S9b	**Description:** Sample Not Analyzed **Facility:**	**Location:**
Percent Asbestos: *Sample Not Analyzed*	Percent Non-Asbestos Fibrous Material: Sample Not Analyzed	Percent Non-Fibrous Material:

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Rachel McQuiggan

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530956 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166704 **Client No.:** R3-S9c	**Description:** Sample Not Analyzed **Facility:**	**Location:**
Percent Asbestos: *Sample Not Analyzed*	Percent Non-Asbestos Fibrous Material: Sample Not Analyzed	Percent Non-Fibrous Material:
Lab No.: 6166705 **Client No.:** R3-S10a	**Description:** Green Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 10 Cellulose	Percent Non-Fibrous Material: 90
Lab No.: 6166706 **Client No.:** R3-S10b	**Description:** Green Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 10 Cellulose	Percent Non-Fibrous Material: 90
Lab No.: 6166707 **Client No.:** R3-S10c	**Description:** Green Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 10 Cellulose	Percent Non-Fibrous Material: 90
Lab No.: 6166708 **Client No.:** R3-S11a	**Description:** Silver/White Insulation **Facility:**	**Location:** Boiler
Percent Asbestos: ***60*** *Chrysotile*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 40
Lab No.: 6166709 **Client No.:** R3-S11b	**Description:** Sample Not Analyzed **Facility:**	**Location:** Boiler
Percent Asbestos: *Sample Not Analyzed*	Percent Non-Asbestos Fibrous Material: Sample Not Analyzed	Percent Non-Fibrous Material:

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Rachel McQuiggan

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530956 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166710 **Client No.:** R3-S11c	**Description:** Sample Not Analyzed **Facility:**	**Location:** Boiler
Percent Asbestos: *Sample Not Analyzed*	Percent Non-Asbestos Fibrous Material: Sample Not Analyzed	Percent Non-Fibrous Material:
Lab No.: 6166711 **Client No.:** R3-S12a	**Description:** Grey Transite **Facility:**	**Location:** Exterior Cement Board
Percent Asbestos: ***10*** *Chrysotile*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 90
Lab No.: 6166712 **Client No.:** R3-S12b	**Description:** Sample Not Analyzed **Facility:**	**Location:** Exterior Cement Board
Percent Asbestos: *Sample Not Analyzed*	Percent Non-Asbestos Fibrous Material: Sample Not Analyzed	Percent Non-Fibrous Material:
Lab No.: 6166713 **Client No.:** R3-S12c	**Description:** Sample Not Analyzed **Facility:**	**Location:** Exterior Cement Board
Percent Asbestos: *Sample Not Analyzed*	Percent Non-Asbestos Fibrous Material: Sample Not Analyzed	Percent Non-Fibrous Material:
Lab No.: 6166714 **Client No.:** R3-S13a	**Description:** Black Tar Paper **Facility:**	**Location:** Building Wrap
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 65 Cellulose	Percent Non-Fibrous Material: 35
Lab No.: 6166715 **Client No.:** R3-S13b	**Description:** Black Tar Paper **Facility:**	**Location:** Building Wrap
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 65 Cellulose	Percent Non-Fibrous Material: 35

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Rachel McQuiggan

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530956 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166716 **Client No.:** R3-S13c	**Description:** Black Tar Paper **Facility:**	**Location:** Building Wrap
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 65 Cellulose	Percent Non-Fibrous Material: 35
Lab No.: 6166717 **Client No.:** R3-S14a	**Description:** White/Tan Caulk **Facility:**	**Location:** Exterior Window
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166718 **Client No.:** R3-S14b	**Description:** White/Tan Caulk **Facility:**	**Location:** Exterior Window
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166719 **Client No.:** R3-S14c	**Description:** White/Tan Caulk **Facility:**	**Location:** Exterior Window
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Rachel McQuiggan

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530956 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report

Customer Contact:
Analysis: US EPA 600, R93-116

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Bulk Building Materials
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

Certifications:

- NIST-NVLAP No. 101165-0
- NY-DOH No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB)

Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process)
Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)>

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530956 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique – by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com**.

1) Note: No mastic provided for analysis.
2) Note: Insufficient mastic provided for analysis.
3) Note: Insufficient material provided for analysis.
4) Note: Insufficient sample provided for QC reanalysis.
5) Note: Different material than indicated on Sample Log / Description.
6) Note: Sample not submitted.
7) Note: Attached to asbestos containing material.
8) Note: Received wet.
9) Note: Possible surface contamination.
10) Note: Not building material. 1% threshold may not apply.
11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
12) Note: Asbestos detected but not quantifiable.
13) Note: Multiple identical samples submitted, only one analyzed.
14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.

Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gange, homogeneous exfoliated books of mica, or mixed mineral composites).Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) www.atsdr.cdc.gov, United States Geological Survey (USGS) www.minerals.usgs.gov/minerals/, US EPA www.epa.gov/asbestos. The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional.

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

1)**Analytical Step/Method:** Initial Screening by PLM, EPA 600R-93/116
Requirements/Comments: Minimum of 0.1 g of sample. ~0.25% LOQ for most samples.

2)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

3)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Floats" only.

4)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

5)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Suspension" only.

LOQ, Limit of Quantitation estimates for mass and volume analyses.
*With advance notice and confirmation by the laboratory.
**Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Engineering
1263 Innovation Drive
Thunder Bay, ON P7B 0A2

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Office Phone: (807) 626-5640 ext. 9206
Cell Phone:
FAX / Email 1: mbroere@truegriteng.com

Contact 1: Mike Broere
Contact 2: Jacquie Elvish
FAX / Email 2 jelvish@tgcl.ca

Special Instructions: POSITIVE STOP ANALYSIS. Analyze all samples as composites (NO SEPARATE LAYERS) unless otherwise indicated on the sample log.

Matrix:

- [ ] Air
- [ ] Water
- [ ] Soil
- [ ] Paint
- [x] Bulk
- [ ] Surface Dust / Wipe
- [ ] Other _____

Analysis Method:

- [x] PLM : Bulk Asbestos Building Materials EPA 600 / R 93-116

- [ ] PLM : Point Counting
  - [ ] PC : via ELAP 198.1
  - [ ] PC : 400 Points
  - [ ] PC : 800 Points *
  - [ ] PC : other _____ Points *
- [ ] PLM : Gravimetric Reduction
  - [ ] PLM : NOB via 198.6
  - [ ] PLM : Friable via EPA 600 2.3
  - [ ] If <1% by PLM, to TEM via 198.4 *
  - [ ] If <1% by PLM, Hold for Instructions
- [x] PLM : Analyze Until Positive (Positive Stop)
  - [ ] AUP : by Homogenous Area as Noted
  - [x] AUP : by Material Type as Noted
- [ ] PLM : Non-Building Material *, **(Dust, Wipe, Tape, Soil)
  - [ ] Soil or Vermiculite Analysis *, **
- [x] PLM: Instructions for Multi-Layered Samples
  - [ ] Analyze and Report All Separable Layers per EPA 600
  - [ ] Report Composite for Drywall Systems per NESHAP
  - [ ] Report All Layers and Composite Where Applicable
  - [x] Only Analyze and Report Specifically Noted Layer

* Additional charge and turnaround may be required. ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory.

Turnaround Time:

Preliminary Results Requested By... _____ (date / time) ☐ Verbals ☐ FAX ■ Email

- [ ] 10 Day
- [x] 5 Day
- [ ] 3 Day
- [ ] 2 Day
- [ ] 1 Day*
- [ ] 12 Hour**
- [ ] 6 Hour**
- [ ] RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. Please notify the lab before shipping.

Sample Numbers:

Client #(s): R3-S1a (start) - R3-S14c (end) iATL#(s): _____ (start) - _____ (end) Total: 39

Please use your sample log to supply sampling information (ex. Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

Chain of Custody:

Relinquished (Name / Organization): Mike Broere/TGE Date: 27-Feb-17 Time: 1400
Received (Name / iATL): RECEIVED Date: Time:
Sample Login (Name / iATL): [illegible] 030317 Date: Time:
Sample Prep (Name / iATL): Date: Time:
Analysis(Name(s) / iATL): RM 3/8/17 Date: MAR - 1 2017 Time:
QA/QC Review (Name / iATL): 3-8-17 Date: Time:
Archived / Released: QA/QC InterLAB Use: Date: Time:

iATL - By

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Consulting Ltd.

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Sampling Date: 22-Feb-17

Client Sample ID:	iATL Sample ID:	Sample Description / Location	Notes
R3-S1a	6166681	grey paint splatter pattern VSF	separate layer
R3-S1b	6166682	grey paint splatter pattern VSF	separate layer
R3-S1c	6166683	grey paint splatter pattern VSF	separate layer
R3-S2a	6166684	12"x12" brown stone pattern VFT	separate layer
R3-S2b	6166685	12"x12" brown stone pattern VFT	separate layer
R3-S2c	6166686	12"x12" brown stone pattern VFT	separate layer
R3-S3a	6166687	12"x24" grey stone pattern VFT	separate layer
R3-S3b	6166688	12"x24" grey stone pattern VFT	separate layer
R3-S3c	6166689	12"x24" grey stone pattern VFT	separate layer
R3-S4a	6166690	mud joint compound, east side, main floor	composite
R3-S4b	6166691	mud joint compound, east side, main floor	composite
R3-S4c	6166692	mud joint compound, east side, main floor	composite
R3-S5a	6166693	mud joint compound, west side, main floor	composite
R3-S5b	6166694	mud joint compound, west side, main floor	composite
R3-S5c	6166695	mud joint compound, west side, main floor	composite
R3-S6a	6166696	2'x2' white CT with dot pattern	composite
R3-S6b	6166697	2'x2' white CT with dot pattern	composite
R3-S6c	6166698	2'x2' white CT with dot pattern	composite
R3-S8a	6166699	mud joint compound, basement	composite
R3-S8b	6166700	mud joint compound, basement	composite
R3-S8c	6166701	mud joint compound, basement	composite
R3-S9a	6166702	cement board (transite)	composite
R3-S9b	6166703	cement board (transite)	composite
R3-S9c	6166704	cement board (transite)	composite
R3-S10a	6166705	green VSF	separate layer
R3-S10b	6166706	green VSF	separate layer
R3-S10c	6166707	green VSF	separate layer
R3-S11a	6166708	boiler insulation	composite

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Consulting Ltd.

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Client Sample ID:	iATL Sample ID:	Sample Description / Location	Notes
R3-S11b	6166709	boiler insulation	composite
R3-S11c	6166710	boiler insulation	composite
R3-S12a	6166711	exterior cement board (transite)	composite
R3-S12b	6166712	exterior cement board (transite)	composite
R3-S12c	6166713	exterior cement board (transite)	composite
R3-S13a	6166714	black building wrap	composite
R3-S13b	6166715	black building wrap	composite
R3-S13c	6166716	black building wrap	composite
R3-S14a	6166717	exterior white window caulking	composite
R3-S14b	6166718	exterior white window caulking	composite
R3-S14c	6166719	exterior white window caulking	composite

Please Make Additional Copies As Needed

eMail to:
iATL

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530964 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166794 **Description:** White Floor Tile; 12x12 **Location:**
Client No.: R4-S1a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166794(L2) **Description:** Black Mastic **Location:**
Client No.: R4-S1a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166795 **Description:** White Floor Tile; 12x12 **Location:**
Client No.: R4-S1b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166795(L2) **Description:** Black Mastic **Location:**
Client No.: R4-S1b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166796 **Description:** White Floor Tile; 12x12 **Location:**
Client No.: R4-S1c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166797 **Description:** White Ceiling Material **Location:**
Client No.: R4-S2a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Ellen Smith

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530964 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166798 **Client No.:** R4-S2b	**Description:** White Ceiling Material **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166799 **Client No.:** R4-S2c	**Description:** White Ceiling Material **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166800 **Client No.:** R4-S2d	**Description:** White Ceiling Material **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166801 **Client No.:** R4-S2e	**Description:** White Ceiling Material **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166802 **Client No.:** R4-S3a	**Description:** Lt Grey Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 15 Cellulose 2 Fibrous Glass	Percent Non-Fibrous Material: 83
Lab No.: 6166802(L2) **Client No.:** R4-S3a	**Description:** Lt Tan Mastic **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Ellen Smith

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530964 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166803 **Client No.:** R4-S3b	**Description:** Lt Grey Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 13 Cellulose 2 Fibrous Glass	Percent Non-Fibrous Material: 85
Lab No.: 6166804 **Client No.:** R4-S3c	**Description:** Lt Grey Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 5 Cellulose 1 Fibrous Glass	Percent Non-Fibrous Material: 94
Lab No.: 6166805 **Client No.:** R4-S4a	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166806 **Client No.:** R4-S4b	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166807 **Client No.:** R4-S4c	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166808 **Client No.:** R4-S4d	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Ellen Smith

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530964 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166809 **Client No.:** R4-S4e	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166810 **Client No.:** R4-S4f	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166811 **Client No.:** R4-S4g	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166812 **Client No.:** R4-S5a	**Description:** Grey/Tan Floor Tile **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166813 **Client No.:** R4-S5b	**Description:** Tan/Grey Floor Tile **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166814 **Client No.:** R4-S5c	**Description:** Tan/Grey Floor Tile **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Ellen Smith

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530964 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166815 **Client No.:** R4-S7a	**Description:** Tan Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 25 Cellulose 15 Fibrous Glass	Percent Non-Fibrous Material: 60
Lab No.: 6166816 **Client No.:** R4-S7b	**Description:** Tan Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 25 Cellulose 15 Fibrous Glass	Percent Non-Fibrous Material: 60
Lab No.: 6166817 **Client No.:** R4-S7c	**Description:** Tan Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 25 Cellulose 15 Fibrous Glass	Percent Non-Fibrous Material: 60
Lab No.: 6166818 **Client No.:** R4-S8a	**Description:** Tan Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 30 Cellulose 15 Fibrous Glass	Percent Non-Fibrous Material: 55
Lab No.: 6166819 **Client No.:** R4-S8b	**Description:** Tan Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 30 Cellulose 15 Fibrous Glass	Percent Non-Fibrous Material: 55
Lab No.: 6166820 **Client No.:** R4-S8c	**Description:** Tan Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 30 Cellulose 15 Fibrous Glass	Percent Non-Fibrous Material: 55

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Ellen Smith

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530964 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166821 **Client No.:** R4-S9a	**Description:** Black Shingle **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 40 Cellulose	Percent Non-Fibrous Material: 60
Lab No.: 6166822 **Client No.:** R4-S9b	**Description:** Black Shingle **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 35 Cellulose	Percent Non-Fibrous Material: 65
Lab No.: 6166823 **Client No.:** R4-S9c	**Description:** Black Shingle **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 35 Cellulose	Percent Non-Fibrous Material: 65
Lab No.: 6166824 **Client No.:** R4-S10a	**Description:** Dk Tan Fibrous **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 100 Cellulose	Percent Non-Fibrous Material: None Detected
Lab No.: 6166825 **Client No.:** R4-S10b	**Description:** Dk Tan Fibrous **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 100 Cellulose	Percent Non-Fibrous Material: None Detected
Lab No.: 6166825(L2) **Client No.:** R4-S10b	**Description:** Tan Mastic **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Ellen Smith

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530964 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166826
Client No.: R4-S10c

Description: Dk Tan Fibrous
Facility:

Location:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
100 Cellulose

Percent Non-Fibrous Material:
None Detected

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Ellen Smith

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530964 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report

Customer Contact:
Analysis: US EPA 600, R93-116

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Bulk Building Materials
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

Certifications:

- NIST-NVLAP No. 101165-0
- NY-DOH No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB)

Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process)
Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)>

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530964 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique – by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com**.

1) Note: No mastic provided for analysis.
2) Note: Insufficient mastic provided for analysis.
3) Note: Insufficient material provided for analysis.
4) Note: Insufficient sample provided for QC reanalysis.
5) Note: Different material than indicated on Sample Log / Description.
6) Note: Sample not submitted.
7) Note: Attached to asbestos containing material.
8) Note: Received wet.
9) Note: Possible surface contamination.
10) Note: Not building material. 1% threshold may not apply.
11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
12) Note: Asbestos detected but not quantifiable.
13) Note: Multiple identical samples submitted, only one analyzed.
14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.

Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gange, homogeneous exfoliated books of mica, or mixed mineral composites).Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) www.atsdr.cdc.gov, United States Geological Survey (USGS) www.minerals.usgs.gov/minerals/, US EPA www.epa.gov/asbestos. The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional.

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

1)**Analytical Step/Method:** Initial Screening by PLM, EPA 600R-93/116
Requirements/Comments: Minimum of 0.1 g of sample. ~0.25% LOQ for most samples.

2)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

3)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Floats" only.

4)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

5)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Suspension" only.

LOQ, Limit of Quantitation estimates for mass and volume analyses.
*With advance notice and confirmation by the laboratory.
**Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Engineering
1263 Innovation Drive
Thunder Bay, ON P7B 0A2

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Office Phone: (807) 626-5640 ext. 9206
Cell Phone:
FAX / Email 1: mbroere@truegriteng.com

Contact 1: Mike Broere
Contact 2: Jacquie Elvish
FAX / Email 2 jelvish@tgcl.ca

Special Instructions: POSITIVE STOP ANALYSIS. Analyze all samples as composites (NO SEPARATE LAYERS) unless otherwise indicated on the sample log.

Matrix:

☐ Air ☐ Soil ☑ Bulk ☐ Other
☐ Water ☐ Paint ☐ Surface Dust / Wipe

Analysis Method:

☑ PLM : Bulk Asbestos Building Materials EPA 600 / R 93-116

☐ PLM : Point Counting
- ☐ PC : via ELAP 198.1
- ☐ PC : 400 Points
- ☐ PC : 800 Points *
- ☐ PC : other _____ Points *

☐ PLM : Gravimetric Reduction
- ☐ PLM : NOB via 198.6
- ☐ PLM : Friable via EPA 600 2.3
- ☐ If <1% by PLM, to TEM via 198.4 *
- ☐ If <1% by PLM, Hold for Instructions

☑ PLM : Analyze Until Positive (Positive Stop)
- ☐ AUP : by Homogenous Area as Noted
- ☑ AUP : by Material Type as Noted

☐ PLM : Non-Building Material *, **(Dust, Wipe, Tape, Soil)
- ☐ Soil or Vermiculite Analysis *, **

☑ PLM: Instructions for Multi-Layered Samples
- ☐ Analyze and Report All Separable Layers per EPA 600
- ☐ Report Composite for Drywall Systems per NESHAP
- ☐ Report All Layers and Composite Where Applicable
- ☑ Only Analyze and Report Specifically Noted Layer

* Additional charge and turnaround may be required. ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory.

Turnaround Time:

Preliminary Results Requested By... _____ (date / time) ☐ Verbals ☐ FAX ■ Email

☐ 10 Day ☑ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. Please notify the lab before shipping.

Sample Numbers:

Client #(s): R4-S1a (start) - R4-S10c (end) iATL#(s): _____ (start) - _____ (end) Total: 33

Please use your sample log to supply sampling information (ex. Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

Chain of Custody:

Relinquished (Name / Organization): Mike Broere/TGE Date: 27-Feb-17 Time: 11:00
Received (Name / iATL): Date: Time:
Sample Login (Name / iATL): Date: Time:
Sample Prep (Name / iATL): Date: Time:
Analysis(Name(s) / iATL): Date: Time:
QA/QC Review (Name / iATL): Date: Time:
Archived / Released: QA/QC InterLAB Use: Date: Time:

RECEIVED
MAR - 1 2017
iATL - By

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Consulting Ltd.

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Sampling Date: 22-Feb-17

Client Sample ID:	iATL Sample ID:	Sample Description / Location	Notes
R4-S1a	6166794	12"x12" white VFT with blue streaks	separate layer
R4-S1b	6166795	12"x12" white VFT with blue streaks	separate layer
R4-S1c	6166796	12"x12" white VFT with blue streaks	separate layer
R4-S2a	6166797	white stippled ceiling finish	composite
R4-S2b	6166798	white stippled ceiling finish	composite
R4-S2c	6166799	white stippled ceiling finish	composite
R4-S2d	6166800	white stippled ceiling finish	composite
R4-S2e	6166801	white stippled ceiling finish	composite
R4-S3a	6166802	green speckled VSF	separate layer
R4-S3b	6166803	green speckled VSF	separate layer
R4-S3c	6166804	green speckled VSF	separate layer
R4-S4a	6166805	Mud joint compound associated with finished gypsum board	composite
R4-S4b	6166806	Mud joint compound associated with finished gypsum board	composite
R4-S4c	6166807	Mud joint compound associated with finished gypsum board	composite
R4-S4d	6166808	Mud joint compound associated with finished gypsum board	composite
R4-S4e	6166809	Mud joint compound associated with finished gypsum board	composite
R4-S4f	6166810	Mud joint compound associated with finished gypsum board	composite
R4-S4g	6166811	Mud joint compound associated with finished gypsum board	composite
R4-S5a	6166812	12"x24" brown and grey stone pattern VFT	separate layer
R4-S5b	6166813	12"x24" brown and grey stone pattern VFT	separate layer
R4-S5c	6166814	12"x24" brown and grey stone pattern VFT	separate layer
R4-S7a	6166815	2'x4' white CT with dot and large fissure pattern	composite
R4-S7b	6166816	2'x4' white CT with dot and large fissure pattern	composite
R4-S7c	6166817	2'x4' white CT with dot and large fissure pattern	composite
R4-S8a	6166818	2'x4' white CT with dot and medium fissure pattern	composite
R4-S8b	6166819	2'x4' white CT with dot and medium fissure pattern	composite
R4-S8c	6166820	2'x4' white CT with dot and medium fissure pattern	composite
R4-S9a	6166821	grey asphalt shingles	composite

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Consulting Ltd.

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Client Sample ID:	iATL Sample ID:	Sample Description / Location	Notes
R4-S9b	6166822	grey asphalt shingles	composite
R4-S9c	6166823	grey asphalt shingles	composite
R4-S10a	6166824	brown flooring under VFT on main floor	separate layers
R4-S10b	6166825	brown flooring under VFT on main floor	separate layers
R4-S10c	6166826	brown flooring under VFT on main floor	separate layers

Please Make Additional Copies As Needed

eMail to: iATL

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530962 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166772 **Description:** Brown Floor Tile **Location:**
Client No.: R5-S1a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166773 **Description:** Brown Floor Tile **Location:**
Client No.: R5-S1b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166774 **Description:** Brown Floor Tile **Location:**
Client No.: R5-S1c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166775 **Description:** White Joint Compound **Location:**
Client No.: R5-S2a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166776 **Description:** White Joint Compound **Location:**
Client No.: R5-S2b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166777 **Description:** White Joint Compound **Location:**
Client No.: R5-S2c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature: Vane Smith III
Analyst: Vane Smith

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530962 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166778 **Client No.:** R5-S2d	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166779 **Client No.:** R5-S2e	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166780 **Client No.:** R5-S2f	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166781 **Client No.:** R5-S2g	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166782 **Client No.:** R5-S3a	**Description:** Beige Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose	Percent Non-Fibrous Material: 80
Lab No.: 6166783 **Client No.:** R5-S3b	**Description:** Beige Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose	Percent Non-Fibrous Material: 80

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature: Vane Smith III
Analyst: Vane Smith

Approved By: Frank Ehrenfeld
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530962 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166784 **Client No.:** R5-S3c	**Description:** Beige Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose	Percent Non-Fibrous Material: 80
Lab No.: 6166785 **Client No.:** R5-S4a	**Description:** Blue Floor Tile; 12x12 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166786 **Client No.:** R5-S4b	**Description:** Blue Floor Tile; 12x12 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166787 **Client No.:** R5-S4c	**Description:** Blue Floor Tile; 12x12 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166788 **Client No.:** R5-S5a	**Description:** White/Blue Floor Tile; 12x12 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166789 **Client No.:** R5-S5b	**Description:** White/Blue Floor Tile; 12x12 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature: Vane Smith III
Analyst: Vane Smith

Approved By: Frank Ehrenfeld
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530962 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166790 **Client No.:** R5-S5c	**Description:** White/Blue Floor Tile; 12x12 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166791 **Client No.:** R5-S6a	**Description:** White/Grey Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 40 Cellulose 10 Mineral Wool	Percent Non-Fibrous Material: 50
Lab No.: 6166792 **Client No.:** R5-S6b	**Description:** White/Grey Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 40 Cellulose 10 Mineral Wool	Percent Non-Fibrous Material: 50
Lab No.: 6166793 **Client No.:** R5-S6c	**Description:** White/Grey Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 40 Cellulose 10 Mineral Wool	Percent Non-Fibrous Material: 50

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature: Vane Smith III
Analyst: Vane Smith

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530962 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report

Customer Contact:
Analysis: US EPA 600, R93-116

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Bulk Building Materials
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

Certifications:

- NIST-NVLAP No. 101165-0
- NY-DOH No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB)

Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process)
Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)>

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530962 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique – by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com**.

1) Note: No mastic provided for analysis.
2) Note: Insufficient mastic provided for analysis.
3) Note: Insufficient material provided for analysis.
4) Note: Insufficient sample provided for QC reanalysis.
5) Note: Different material than indicated on Sample Log / Description.
6) Note: Sample not submitted.
7) Note: Attached to asbestos containing material.
8) Note: Received wet.
9) Note: Possible surface contamination.
10) Note: Not building material. 1% threshold may not apply.
11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
12) Note: Asbestos detected but not quantifiable.
13) Note: Multiple identical samples submitted, only one analyzed.
14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.

Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gange, homogeneous exfoliated books of mica, or mixed mineral composites).Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) www.atsdr.cdc.gov, United States Geological Survey (USGS) www.minerals.usgs.gov/minerals/, US EPA www.epa.gov/asbestos. The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional.

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

1)**Analytical Step/Method:** Initial Screening by PLM, EPA 600R-93/116
Requirements/Comments: Minimum of 0.1 g of sample. ~0.25% LOQ for most samples.

2)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

3)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Floats" only.

4)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

5)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Suspension" only.

LOQ, Limit of Quantitation estimates for mass and volume analyses.
*With advance notice and confirmation by the laboratory.
**Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).

Chain of Custody / Sample Log
Bulk Asbestos

iATL INTERNATIONAL
Asbestos Testing Laboratories

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Engineering
1263 Innovation Drive
Thunder Bay, ON P7B 0A2

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Office Phone: (807) 626-5640 ext. 9206
Cell Phone:
FAX / Email 1: mbroere@truegriteng.com

Contact 1: Mike Broere
Contact 2: Jacquie Elvish
FAX / Email 2 jelvish@tgcl.ca

Special Instructions: POSITIVE STOP ANALYSIS. Analyze all samples as composites (NO SEPARATE LAYERS) unless otherwise indicated on the sample log.

Matrix:

- ☐ Air
- ☐ Water
- ☐ Soil
- ☐ Paint
- ☑ Bulk
- ☐ Surface Dust / Wipe
- ☐ Other _____

Analysis Method:

☑ PLM : Bulk Asbestos Building Materials EPA 600 / R 93-116

☐ PLM : Point Counting
- ☐ PC : via ELAP 198.1
- ☐ PC : 400 Points
- ☐ PC : 800 Points *
- ☐ PC : other _____ Points *

☐ PLM : Gravimetric Reduction
- ☐ PLM : NOB via 198.6
- ☐ PLM : Friable via EPA 600 2.3
- ☐ If <1% by PLM, to TEM via 198.4 *
- ☐ If <1% by PLM, Hold for Instructions

☑ PLM : Analyze Until Positive (Positive Stop)
- ☐ AUP : by Homogenous Area as Noted
- ☑ AUP : by Material Type as Noted

☐ PLM : Non-Building Material *, **(Dust, Wipe, Tape, Soil)
- ☐ Soil or Vermiculite Analysis *, **

☑ PLM: Instructions for Multi-Layered Samples
- ☐ Analyze and Report All Separable Layers per EPA 600
- ☐ Report Composite for Drywall Systems per NESHAP
- ☐ Report All Layers and Composite Where Applicable
- ☑ Only Analyze and Report Specifically Noted Layer

* Additional charge and turnaround may be required. ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory.

Turnaround Time:

Preliminary Results Requested By... _____ (date / time)
☐ Verbals ☐ FAX ■ Email

☐ 10 Day ☑ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. Please notify the lab before shipping.

Sample Numbers:

Client #(s): R5-S1a (start) - R5-S7c (end) iATL#(s): _____ (start) - _____ (end) Total: 22

Please use your sample log to supply sampling information (ex. Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

Chain of Custody:

Relinquished (Name / Organization):	Mike Broere/TGE	Date: 27-Feb-17	Time: 11:00
Received (Name / iATL):		Date:	Time:
Sample Login (Name / iATL):	[illegible] 030317	Date:	Time:
Sample Prep (Name / iATL):		Date:	Time:
Analysis(Name(s) / iATL):	[illegible] 3/8/17	Date:	Time:
QA/QC Review (Name / iATL):	[illegible] 3-8-17	Date:	Time:
Archived / Released:	QA/QC InterLAB Use:	Date:	Time:

RECEIVED
MAR - 1 2017
ATL - By

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Consulting Ltd.

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Sampling Date: 22-Feb-17

Client Sample ID:	iATL Sample ID:	Sample Description / Location	Notes
R5-S1a	6166772	12"x24" brown stone pattern VFT	separate layer
R5-S1b	6166773	12"x24" brown stone pattern VFT	separate layer
R5-S1c	6166774	12"x24" brown stone pattern VFT	separate layer
R5-S2a	6166775	mud joint compound associated with finished gypsum board	composite
R5-S2b	6166776	mud joint compound associated with finished gypsum board	composite
R5-S2c	6166777	mud joint compound associated with finished gypsum board	composite
R5-S2d	6166778	mud joint compound associated with finished gypsum board	composite
R5-S2e	6166779	mud joint compound associated with finished gypsum board	composite
R5-S2f	6166780	mud joint compound associated with finished gypsum board	composite
R5-S2g	6166781	mud joint compound associated with finished gypsum board	composite
R5-S3a	6166782	beige tile pattern VSF	separate layer
R5-S3b	6166783	beige tile pattern VSF	separate layer
R5-S3c	6166784	beige tile pattern VSF	separate layer
R5-S4a	6166785	12"x12" blue VFT with white specks	separate layer
R5-S4b	6166786	12"x12" blue VFT with white specks	separate layer
R5-S4c	6166787	12"x12" blue VFT with white specks	separate layer
R5-S5a	6166788	12"x12" white VFT with blue specks	separate layer
R5-S5b	6166789	12"x12" white VFT with blue specks	separate layer
R5-S5c	6166790	12"x12" white VFT with blue specks	separate layer
R5-S6a	6166791	2'x4' white, dot and fissure CT	composite
R5-S6b	6166792	2'x4' white, dot and fissure CT	composite
R5-S6c	6166793	2'x4' white, dot and fissure CT	composite

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530960 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166745 **Client No.:** R6-S1a	**Description:** White Floor Tile; 12x12 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166746 **Client No.:** R6-S1b	**Description:** White Floor Tile; 12x12 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166747 **Client No.:** R6-S1c	**Description:** White Floor Tile; 12x12 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166748 **Client No.:** R6-S2a	**Description:** Grey Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose 5 Fibrous Glass	Percent Non-Fibrous Material: 75
Lab No.: 6166749 **Client No.:** R6-S2b	**Description:** Grey Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose 5 Fibrous Glass	Percent Non-Fibrous Material: 75
Lab No.: 6166750 **Client No.:** R6-S2c	**Description:** Grey Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose 5 Fibrous Glass	Percent Non-Fibrous Material: 75

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Alex Wright

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530960 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166751 **Client No.:** R6-S3a	**Description:** Tan Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose 5 Fibrous Glass	Percent Non-Fibrous Material: 75
Lab No.: 6166752 **Client No.:** R6-S3b	**Description:** Tan Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose 5 Fibrous Glass	Percent Non-Fibrous Material: 75
Lab No.: 6166753 **Client No.:** R6-S3c	**Description:** Tan Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 20 Cellulose 5 Fibrous Glass	Percent Non-Fibrous Material: 75
Lab No.: 6166754 **Client No.:** R6-S4a	**Description:** White Texture **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166755 **Client No.:** R6-S4b	**Description:** White Texture **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166756 **Client No.:** R6-S4c	**Description:** White Texture **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Alex Wright

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530960 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166757 **Client No.:** R6-S4d	**Description:** White Texture **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166758 **Client No.:** R6-S4e	**Description:** White Texture **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166759 **Client No.:** R6-S5a	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166760 **Client No.:** R6-S5b	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166761 **Client No.:** R6-S5c	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166762 **Client No.:** R6-S5d	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Alex Wright

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530960 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166763 **Client No.:** R6-S5e	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166764 **Client No.:** R6-S5f	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166765 **Client No.:** R6-S5g	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166766 **Client No.:** R6-S7a	**Description:** Off-White Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 30 Cellulose 40 Mineral Wool	Percent Non-Fibrous Material: 30
Lab No.: 6166767 **Client No.:** R6-S7b	**Description:** Off-White Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 30 Cellulose 40 Mineral Wool	Percent Non-Fibrous Material: 30
Lab No.: 6166768 **Client No.:** R6-S7c	**Description:** Off-White Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 30 Cellulose 40 Mineral Wool	Percent Non-Fibrous Material: 30

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Alex Wright

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530960 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166769
Client No.: R6-S8a
Description: Tan Ceiling Tile; 2x4
Facility:
Location:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
30 Cellulose
50 Mineral Wool

Percent Non-Fibrous Material:
20

Lab No.: 6166770
Client No.: R6-S8b
Description: Tan Ceiling Tile; 2x4
Facility:
Location:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
30 Cellulose
50 Mineral Wool

Percent Non-Fibrous Material:
20

Lab No.: 6166771
Client No.: R6-S8c
Description: Tan Ceiling Tile; 2x4
Facility:
Location:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
30 Cellulose
50 Mineral Wool

Percent Non-Fibrous Material:
20

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Alex Wright

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530960 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report

Customer Contact:
Analysis: US EPA 600, R93-116

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Bulk Building Materials
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

Certifications:

- NIST-NVLAP No. 101165-0
- NY-DOH No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB)

Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process)
Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)>

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530960 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique – by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com**.

1) Note: No mastic provided for analysis.
2) Note: Insufficient mastic provided for analysis.
3) Note: Insufficient material provided for analysis.
4) Note: Insufficient sample provided for QC reanalysis.
5) Note: Different material than indicated on Sample Log / Description.
6) Note: Sample not submitted.
7) Note: Attached to asbestos containing material.
8) Note: Received wet.
9) Note: Possible surface contamination.
10) Note: Not building material. 1% threshold may not apply.
11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
12) Note: Asbestos detected but not quantifiable.
13) Note: Multiple identical samples submitted, only one analyzed.
14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.

Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gange, homogeneous exfoliated books of mica, or mixed mineral composites).Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) www.atsdr.cdc.gov, United States Geological Survey (USGS) www.minerals.usgs.gov/minerals/, US EPA www.epa.gov/asbestos. The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional.

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

1)**Analytical Step/Method:** Initial Screening by PLM, EPA 600R-93/116
Requirements/Comments: Minimum of 0.1 g of sample. ~0.25% LOQ for most samples.

2)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

3)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Floats" only.

4)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

5)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Suspension" only.

LOQ, Limit of Quantitation estimates for mass and volume analyses.
*With advance notice and confirmation by the laboratory.
**Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Engineering
1263 Innovation Drive
Thunder Bay, ON P7B 0A2

Office Phone: (807) 626-5640 ext. 9206
Cell Phone:
FAX / Email 1: mbroere@truegriteng.com

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Contact 1: Mike Broere
Contact 2: Jacquie Elvish
FAX / Email 2 jelvish@tgcl.ca

Special Instructions: POSITIVE STOP ANALYSIS. Analyze all samples as composites (NO SEPARATE LAYERS) unless otherwise indicated on the sample log.

Matrix:

- [ ] Air
- [ ] Water
- [ ] Soil
- [ ] Paint
- [x] Bulk
- [ ] Surface Dust / Wipe
- [ ] Other _____

Analysis Method:

- [x] PLM : Bulk Asbestos Building Materials EPA 600 / R 93-116

- [ ] PLM : Point Counting
  - [ ] PC : via ELAP 198.1
  - [ ] PC : 400 Points
  - [ ] PC : 800 Points *
  - [ ] PC : other _____ Points *

- [ ] PLM : Gravimetric Reduction
  - [ ] PLM : NOB via 198.6
  - [ ] PLM : Friable via EPA 600 2.3
  - [ ] If <1% by PLM, to TEM via 198.4 *
  - [ ] If <1% by PLM, Hold for Instructions

- [x] PLM : Analyze Until Positive (Positive Stop)
  - [ ] AUP : by Homogenous Area as Noted
  - [x] AUP : by Material Type as Noted

- [ ] PLM : Non-Building Material *, **(Dust, Wipe, Tape, Soil)
  - [ ] Soil or Vermiculite Analysis *, **

- [x] PLM: Instructions for Multi-Layered Samples
  - [ ] Analyze and Report All Separable Layers per EPA 600
  - [ ] Report Composite for Drywall Systems per NESHAP
  - [ ] Report All Layers and Composite Where Applicable
  - [x] Only Analyze and Report Specifically Noted Layer

* Additional charge and turnaround may be required. ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory.

Turnaround Time:

Preliminary Results Requested By... _____ (date / time) ☐ Verbals ☐ FAX ■ Email

- [ ] 10 Day
- [x] 5 Day
- [ ] 3 Day
- [ ] 2 Day
- [ ] 1 Day*
- [ ] 12 Hour**
- [ ] 6 Hour**
- [ ] RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. Please notify the lab before shipping.

Sample Numbers:

Client #(s): R6-S1a (start) - R6-S8c (end) iATL#(s): _____ (start) - _____ (end) Total: 27

Please use your sample log to supply sampling information (ex. Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

Chain of Custody:

Relinquished (Name / Organization): Mike Broere/TGE
Received (Name / iATL): _____
Sample Login (Name / iATL): [illegible]0317
Sample Prep (Name / iATL): _____
Analysis(Name(s) / iATL): _____
QA/QC Review (Name / iATL): [illegible] 3-8-17
Archived / Released: _____ QA/QC InterLAB Use: _____

RECEIVED
Date: 27-Feb-17 Time: 1700
Date: _____ Time: _____
Date: _____ Time: _____
Date: MAR - 1 2017 Time: _____
Date: _____ Time: _____
Date: _____ Time: _____
Date: _____ Time: _____
IATL - By [illegible]

AW 3/08/17

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Consulting Ltd.

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Sampling Date: 22-Feb-17

Client Sample ID:	iATL Sample ID:	Sample Description / Location	Notes
R6-S1a	6166745	12"x12" white VFT with blue streaks	separate layer
R6-S1b	6166746	12"x12" white VFT with blue streaks	separate layer
R6-S1c	6166747	12"x12" white VFT with blue streaks	separate layer
R6-S2a	6166748	green speckled VSF	separate layer
R6-S2b	6166749	green speckled VSF	separate layer
R6-S2c	6166750	green speckled VSF	separate layer
R6-S3a	6166751	brown 12"x12" tile patterned VSF	separate layer
R6-S3b	6166752	brown 12"x12" tile patterned VSF	separate layer
R6-S3c	6166753	brown 12"x12" tile patterned VSF	separate layer
R6-S4a	6166754	stippled ceiling finish	composite
R6-S4b	6166755	stippled ceiling finish	composite
R6-S4c	6166756	stippled ceiling finish	composite
R6-S4d	6166757	stippled ceiling finish	composite
R6-S4e	6166758	stippled ceiling finish	composite
R6-S5a	6166759	mud joint compound associated with finished gypsum board	composite
R6-S5b	6166760	mud joint compound associated with finished gypsum board	composite
R6-S5c	6166761	mud joint compound associated with finished gypsum board	composite
R6-S5d	6166762	mud joint compound associated with finished gypsum board	composite
R6-S5e	6166763	mud joint compound associated with finished gypsum board	composite
R6-S5f	6166764	mud joint compound associated with finished gypsum board	composite
R6-S5g	6166765	mud joint compound associated with finished gypsum board	composite
R6-S7a	6166766	2'x4' white, dot and small fissure CT	composite
R6-S7b	6166767	2'x4' white, dot and small fissure CT	composite
R6-S7c	6166768	2'x4' white, dot and small fissure CT	composite
R6-S8a	6166769	2'x4' white, dot and large fissure CT	composite
R6-S8b	6166770	2'x4' white, dot and large fissure CT	composite
R6-S8c	6166771	2'x4' white, dot and large fissure CT	composite

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530970 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166905 **Description:** White Floor Tile; 12x12 **Location:**
Client No.: R7-S1a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166906 **Description:** White Floor Tile; 12x12 **Location:**
Client No.: R7-S1b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166907 **Description:** White Floor Tile; 12x12 **Location:**
Client No.: R7-S1c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166908 **Description:** White Floor Tile; 12x12 **Location:**
Client No.: R7-S2a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166908(L2) **Description:** Tan Mastic **Location:**
Client No.: R7-S2a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166909 **Description:** White Floor Tile; 12x12 **Location:**
Client No.: R7-S2b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Toni Fisher

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530970 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166909(L2) **Description:** Tan Mastic **Location:**
Client No.: R7-S2b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166910 **Description:** White Floor Tile; 12x12 **Location:**
Client No.: R7-S2c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166910(L2) **Description:** Tan Mastic **Location:**
Client No.: R7-S2c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166911 **Description:** White Ceiling Texture **Location:**
Client No.: R7-S3a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166912 **Description:** White Ceiling Texture **Location:**
Client No.: R7-S3b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166913 **Description:** White Ceiling Texture **Location:**
Client No.: R7-S3c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Toni Fisher

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530970 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166914 **Client No.:** R7-S3d	**Description:** White Ceiling Texture **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166915 **Client No.:** R7-S3e	**Description:** White Ceiling Texture **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166916 **Client No.:** R7-S4a	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166917 **Client No.:** R7-S4b	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166918 **Client No.:** R7-S4c	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166919 **Client No.:** R7-S4d	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Toni Fisher

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530970 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166920 **Client No.:** R7-S4e	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166921 **Client No.:** R7-S4f	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166922 **Client No.:** R7-S4g	**Description:** White Joint Compound **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6166923 **Client No.:** R7-S5a	**Description:** Tan Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 15 Cellulose	Percent Non-Fibrous Material: 85
Lab No.: 6166924 **Client No.:** R7-S5b	**Description:** Tan Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 15 Cellulose	Percent Non-Fibrous Material: 85
Lab No.: 6166925 **Client No.:** R7-S5c	**Description:** Tan Vinyl Sheet Flooring **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 15 Cellulose	Percent Non-Fibrous Material: 85

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Toni Fisher

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530970 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166926 **Client No.:** R7-S7a	**Description:** White Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 60 Cellulose 30 Fibrous Glass	Percent Non-Fibrous Material: 10
Lab No.: 6166927 **Client No.:** R7-S7b	**Description:** White Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 60 Cellulose 30 Fibrous Glass	Percent Non-Fibrous Material: 10
Lab No.: 6166928 **Client No.:** R7-S7c	**Description:** White Ceiling Tile; 2x4 **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 60 Cellulose 30 Fibrous Glass	Percent Non-Fibrous Material: 10
Lab No.: 6166929 **Client No.:** R7-S8a	**Description:** Black Shingle **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 15 Cellulose	Percent Non-Fibrous Material: 85
Lab No.: 6166930 **Client No.:** R7-S8b	**Description:** Black Shingle **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 15 Cellulose	Percent Non-Fibrous Material: 85
Lab No.: 6166931 **Client No.:** R7-S8c	**Description:** Black Shingle **Facility:**	**Location:**
Percent Asbestos: *None Detected*	Percent Non-Asbestos Fibrous Material: 15 Cellulose	Percent Non-Fibrous Material: 85

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Toni Fisher

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530970 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6166932 **Description:** Grey Floor Tile **Location:**
Client No.: R8-S1a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166932(L2) **Description:** Tan Mastic **Location:**
Client No.: R8-S1a **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166933 **Description:** Grey Floor Tile **Location:**
Client No.: R8-S1b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166933(L2) **Description:** Tan Mastic **Location:**
Client No.: R8-S1b **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166934 **Description:** Grey Floor Tile **Location:**
Client No.: R8-S1c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Lab No.: 6166934(L2) **Description:** Tan Mastic **Location:**
Client No.: R8-S1c **Facility:**

Percent Asbestos:	Percent Non-Asbestos Fibrous Material:	Percent Non-Fibrous Material:
None Detected	None Detected	100

Analytical Method -**US EPA 600, R93-116**. Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Toni Fisher

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530970 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report

Customer Contact:
Analysis: US EPA 600, R93-116

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Bulk Building Materials
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

Certifications:

- NIST-NVLAP No. 101165-0
- NY-DOH No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB)

Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process)
Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)>

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530970 - PLM
Project: Pelican Falls DSS
Project No.: 17-805-01

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique – by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com**.

1) Note: No mastic provided for analysis.
2) Note: Insufficient mastic provided for analysis.
3) Note: Insufficient material provided for analysis.
4) Note: Insufficient sample provided for QC reanalysis.
5) Note: Different material than indicated on Sample Log / Description.
6) Note: Sample not submitted.
7) Note: Attached to asbestos containing material.
8) Note: Received wet.
9) Note: Possible surface contamination.
10) Note: Not building material. 1% threshold may not apply.
11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
12) Note: Asbestos detected but not quantifiable.
13) Note: Multiple identical samples submitted, only one analyzed.
14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.

Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gange, homogeneous exfoliated books of mica, or mixed mineral composites).Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) www.atsdr.cdc.gov, United States Geological Survey (USGS) www.minerals.usgs.gov/minerals/, US EPA www.epa.gov/asbestos. The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional.

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

1)**Analytical Step/Method:** Initial Screening by PLM, EPA 600R-93/116
Requirements/Comments: Minimum of 0.1 g of sample. ~0.25% LOQ for most samples.

2)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

3)**Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Floats" only.

4)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

5)**Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Suspension" only.

LOQ, Limit of Quantitation estimates for mass and volume analyses.
*With advance notice and confirmation by the laboratory.
**Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).

iATL INTERNATIONAL
Asbestos Testing Laboratories

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Chain of Custody / Sample Log
Bulk Asbestos

Client: True Grit Engineering
1263 Innovation Drive
Thunder Bay, ON P7B 0A2

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Office Phone: (807) 626-5640 ext. 9206
Cell Phone:
FAX / Email 1: mbroere@truegriteng.com

Contact 1: Mike Broere
Contact 2: Jacquie Elvish
FAX / Email 2 jelvish@tgcl.ca

Special Instructions: POSITIVE STOP ANALYSIS. Analyze all samples as composites (NO SEPARATE LAYERS) unless otherwise indicated on the sample log.

Matrix:

- [ ] Air
- [ ] Water
- [ ] Soil
- [ ] Paint
- [x] Bulk
- [ ] Surface Dust / Wipe
- [ ] Other _____

Analysis Method:

- [x] PLM : Bulk Asbestos Building Materials EPA 600 / R 93-116

- [ ] PLM : Point Counting
  - [ ] PC : via ELAP 198.1
  - [ ] PC : 400 Points
  - [ ] PC : 800 Points *
  - [ ] PC : other _____ Points *

- [ ] PLM : Gravimetric Reduction
  - [ ] PLM : NOB via 198.6
  - [ ] PLM : Friable via EPA 600 2.3
  - [ ] If <1% by PLM, to TEM via 198.4 *
  - [ ] If <1% by PLM, Hold for Instructions

- [x] PLM : Analyze Until Positive (Positive Stop)
  - [ ] AUP : by Homogenous Area as Noted
  - [x] AUP : by Material Type as Noted

- [ ] PLM : Non-Building Material *, **(Dust, Wipe, Tape, Soil)
  - [ ] Soil or Vermiculite Analysis *, **

- [x] PLM: Instructions for Multi-Layered Samples
  - [ ] Analyze and Report All Separable Layers per EPA 600
  - [ ] Report Composite for Drywall Systems per NESHAP
  - [ ] Report All Layers and Composite Where Applicable
  - [x] Only Analyze and Report Specifically Noted Layer

* Additional charge and turnaround may be required. ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory.

Turnaround Time:

Preliminary Results Requested By... _____ (date / time) ☐ Verbals ☐ FAX ■ Email

- [ ] 10 Day
- [x] 5 Day
- [ ] 3 Day
- [ ] 2 Day
- [ ] 1 Day*
- [ ] 12 Hour**
- [ ] 6 Hour**
- [ ] RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. Please notify the lab before shipping.

Sample Numbers:

Client #(s): R7-S1a (start) - R8-S1c (end) iATL#(s): _____ (start) - _____ (end) Total: 30

Please use your sample log to supply sampling information (ex. Volumes, areas, descriptions, locations, etc.) or download forms at iatl.com

Chain of Custody:

Relinquished (Name / Organization): Mike Broere/TGE Date: 27-Feb-17 Time: 11:00
Received (Name / iATL): Date: Time:
Sample Login (Name / iATL): VL 030317 Date: Time:
Sample Prep (Name / iATL): Date: Time:
Analysis(Name(s) / iATL): 3-8-17 Date: Time:
QA/QC Review (Name / iATL): 3-8-17 Date: Time:
Archived / Released: QA/QC InterLAB Use: Date: Time:

RECEIVED
MAR - 1 2017
iATL - By

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Consulting Ltd.

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Sampling Date: 22-Feb-17

Client Sample ID:	iATL Sample ID:	Sample Description / Location	Notes
R7-S1a	6166905	12"x12" white VFT with blue flecks	separate layer
R7-S1b	6166906	12"x12" white VFT with blue flecks	separate layer
R7-S1c	6166907	12"x12" white VFT with blue flecks	separate layer
R7-S2a	6166908	12"x12" white VFT with blue streaks	separate layer
R7-S2b	6166909	12"x12" white VFT with blue streaks	separate layer
R7-S2c	6166910	12"x12" white VFT with blue streaks	separate layer
R7-S3a	6166911	stippled ceiling finish	composite
R7-S3b	6166912	stippled ceiling finish	composite
R7-S3c	6166913	stippled ceiling finish	composite
R7-S3d	6166914	stippled ceiling finish	composite
R7-S3e	6166915	stippled ceiling finish	composite
R7-S4a	6166916	mud joint compound associated with finished gypsum board	composite
R7-S4b	6166917	mud joint compound associated with finished gypsum board	composite
R7-S4c	6166918	mud joint compound associated with finished gypsum board	composite
R7-S4d	6166919	mud joint compound associated with finished gypsum board	composite
R7-S4e	6166920	mud joint compound associated with finished gypsum board	composite
R7-S4f	6166921	mud joint compound associated with finished gypsum board	composite
R7-S4g	6166922	mud joint compound associated with finished gypsum board	composite
R7-S5a	6166923	green speckled VSF	separate layer
R7-S5b	6166924	green speckled VSF	separate layer
R7-S5c	6166925	green speckled VSF	separate layer
R7-S7a	6166926	2'x4' white, dot and fissure CT	composite
R7-S7b	6166927	2'x4' white, dot and fissure CT	composite
R7-S7c	6166928	2'x4' white, dot and fissure CT	composite
R7-S8a	6166929	dark brown asphalt shingles	composite
R7-S8b	6166930	dark brown asphalt shingles	composite
R7-S8c	6166931	dark brown asphalt shingles	composite
R8-S1a	6166932	12"x24" grey, brown and black VFT	separate layer

iATL INTERNATIONAL
Asbestos Testing Laboratories

Chain of Custody / Sample Log
Bulk Asbestos

9000 Commerce Parkway
Suite B
Mt. Laurel, NJ 08054
Toll Free: 877 428-4285
info@iatl.com
www.iatl.com

Client: True Grit Consulting Ltd.

Project Name: Pelican Falls DSS
Project No.: 17-805-01

Client Sample ID:	iATL Sample ID:	Sample Description / Location	Notes
R8-S1b	6166933	12"x24" grey, brown and black VFT	separate layers
R8-S1c	6166934	12"x24" grey, brown and black VFT	separate layers

Please Make Additional Copies As Needed

eMail to: iATL

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530975 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.:	6164361	**Description:**	Brown	**Result (% by Weight):**	<0.0055
Client No.:	Den-L2	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<55
				Comments:	***
Lab No.:	6164362	**Description:**	Green	**Result (% by Weight):**	<0.0071
Client No.:	Den-L3	**Location:**	Metal Door, 22-Feb-17	**Result (ppm):**	<71
				Comments:	
Lab No.:	6164363	**Description:**	Black	**Result (% by Weight):**	<0.0087
Client No.:	Den-L4	**Location:**	Wood Walls, 22-Feb-17	**Result (ppm):**	<87
				Comments:	***
Lab No.:	6164364	**Description:**	Purple	**Result (% by Weight):**	<0.0065
Client No.:	Den-L6	**Location:**	GB Wall, 22-Feb-17	**Result (ppm):**	<65
				Comments:	***
Lab No.:	6164365	**Description:**	Blue	**Result (% by Weight):**	<0.0065
Client No.:	Den-L7	**Location:**	GB Wall, 22-Feb-17	**Result (ppm):**	<65
				Comments:	***
Lab No.:	6164366	**Description:**	Light Beige	**Result (% by Weight):**	<0.0070
Client No.:	Den-L8	**Location:**	GB Wall, 22-Feb-17	**Result (ppm):**	<70
				Comments:	
Lab No.:	6164367	**Description:**	Brown	**Result (% by Weight):**	<0.0093
Client No.:	Den-L9	**Location:**	Wood Wall, 22-Feb-17	**Result (ppm):**	<93
				Comments:	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530975 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report:

Customer Contact:
Analysis: ASTM D3335-85a

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Paint
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by ASTM D3335-85a by AAS

Certification:
- National Lead Laboratory Program (NLLAP): AIHA-LAP, LLC No. 100188
- NYSDOH-ELAP No. 11021

Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation.
All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.
Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Apendix B.
Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies.
LSD=0.2 ppm MDL=0.005% by weight. RL= 0.010% by weight (based upon 100 mg sampled).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com.**

* Insufficient sample provided to perform QC reanalysis (<200 mg)

** Not enough sample provided to analyze (<50 mg)

*** Matrix / substrate interference possible.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

– Environmental Lead –

Contact Information

Client Company:	True Grit Engineering	**Project Number:**	17-805-01
Office Address:	1263 Innovation Drive	**Project Name:**	Pelican Falls DSS
City, State, Zip:	Thunder Bay, Ontario	**Primary Contact:**	Mike Broere
Fax Number:	807-623-5690	**Office Phone:**	807-626-5640 x9206
Email Address:	mbroere@truegriteng.com	**Cell Phone:**	

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- ☑ Paint by AAS: ASTM D3335-85a, 2009
- ☐ Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
- ☐ Air by AAS: NIOSH 7082, 1994
- ☐ Soil by AAS: EPA SW 846 (Soil)
- ☐ Water by AAS-GF: ASTM D3559-03D, USEPA 40CFR 141.11B, 2010
- ☐ Other Metals (Cd, Zn, Cr) by AAS
- ☐ Toxicity Characteristic Leaching Procedure (TCLP) by AAS: USEPA 1311
- ☐ Other _____

Special Instructions:

Report as % lead in paint/sample.

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ■ Email ☐ Fax

☐ 10 Day ■ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization):	Mike Broere / TGCL	Date: 27-Feb-17	Time: 11:00
Received (Name / iATL):		Date:	Time:
Sample Login (Name / iATL):	[illegible] 3.2.17	Date:	Time:
Analysis(Name(s) / iATL):	[illegible]	Date:	Time:
QA/QC Review (Name / iATL):	[illegible] 3/8/17	Date:	Time:
Archived / Released: _____	QA/QC InterLAB Use: _____	Date:	Time:

RECEIVED
MAR – 1 2017
iATL - By

iATL
INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Sample Log

–Environmental Lead –

Client: True Grit Engineering Project: 17-805-01, Pelican Falls DSS

Sampling Date/Time: 22-Feb-17

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
Den-L2	6164361	brown GB walls					
Den-L3	6164362	green metal door					
Den-L4	6164363	black wood walls					
Den-L6	6164364	purple GB wall					
Den-L7	6164365	blue GB wall					
Den-L8	6164366	light beige GB wall					
Den-L9	6164367	brown wood wall					

** = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
*** = Insufficient Sample Provided to Analyze (<50mg) ***= Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
These **preliminary results** are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818
INFO@IATL.COM

DAILY QUALITY CONTROL DATA

LEAD SAMPLE ANALYSIS

(DATE: 03 / 08 / 17)

Standard	Total Lead (mg)	Percent Recovery **
Reagent Blank	0.000	< LOQ
Blank Spike	0.500	95
Lab Control Std	1.370	100
Matrix Spike - LBP *	0.38	94
Matrix Spike - Wipe *	0.34	91
Matrix Spike - Soil *	0.358	91
Matrix spike - Air *	0.050	90
2.5 ppm Standard	0.25	95
10.0 ppm Standard	1.0	97
40.0 ppm Standard	4.0	100

AIHA-LAP, LLC No. 100188 **NYSDOH-ELAP No. 11021**

Analysis Method: ASTM D3335-85A
NIOSH 7082
EPA SW846 3050B 7000B

Comments: IATL assumes that all sampling complies with accepted methods.
All client supplied sampling data is assumed to be correct when calculating results.
Detection limit based upon 0.2 mg/L reporting limit and sample size.
* NIST Traceable.
** 80-120% acceptable limits.

Analyzed By: R. Chad Shaffer
Date: 3/8/17

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530969 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.: 6164392
Client No.: SB-L2

Description: Grey
Location: Wood Siding, 22-Feb-17

Result (% by Weight): <0.0073
Result (ppm): <73
Comments: ***

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530969 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report:

Customer Contact:
Analysis: ASTM D3335-85a

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Paint
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by ASTM D3335-85a by AAS

Certification:
- National Lead Laboratory Program (NLLAP): AIHA-LAP, LLC No. 100188
- NYSDOH-ELAP No. 11021

Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation.
All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.
Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Apendix B.
Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies.
LSD=0.2 ppm MDL=0.005% by weight. RL= 0.010% by weight (based upon 100 mg sampled).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com.**

* Insufficient sample provided to perform QC reanalysis (<200 mg)

** Not enough sample provided to analyze (<50 mg)

*** Matrix / substrate interference possible.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

– Environmental Lead –

Contact Information

Client Company:	True Grit Engineering	**Project Number:**	17-805-01
Office Address:	1263 Innovation Drive	**Project Name:**	Pelican Falls DSS
City, State, Zip:	Thunder Bay, Ontario	**Primary Contact:**	Mike Broere
Fax Number:	807-623-5690	**Office Phone:**	807-626-5640 x9206
Email Address:	mbroere@truegriteng.com	**Cell Phone:**	

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- ☑ Paint by AAS: ASTM D3335-85a, 2009
- ☐ Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
- ☐ Air by AAS: NIOSH 7082, 1994
- ☐ Soil by AAS: EPA SW 846 (Soil)
- ☐ Water by AAS-GF: ASTM D3559-03D, USEPA 40CFR 141.11B, 2010
- ☐ Other Metals (Cd, Zn, Cr) by AAS
- ☐ Toxicity Characteristic Leaching Procedure (TCLP) by AAS: USEPA 1311
- ☐ Other _____

Special Instructions:

Report as % lead in paint/sample.

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ■ Email ☐ Fax

☐ 10 Day ■ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization):	Mike Broere / TGCL	Date:	27-Feb-17	Time:	11:00
Received (Name / iATL):		Date:		Time:	
Sample Login (Name / iATL):	[illegible] 3.2.17	Date:		Time:	
Analysis(Name(s) / iATL):	[illegible]	Date:		Time:	
QA/QC Review (Name / iATL):	[illegible] 3/15/17	Date:		Time:	
Archived / Released: _____	QA/QC InterLAB Use: _____	Date:		Time:	

RECEIVED
MAR - 1 2017

iATL - By [illegible] -1-

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Sample Log

–Environmental Lead –

Client: True Grit Engineering Project: 17-805-01, Pelican Falls DSS

Sampling Date/Time: 22-Feb-17

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
SB-L2	6164392	grey wood siding					

* = *Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
** = *Insufficient Sample Provided to Analyze (<50mg)* ***= *Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
These **preliminary results** are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818
INFO@IATL.COM

DAILY QUALITY CONTROL DATA

LEAD SAMPLE ANALYSIS

(DATE: 03 / 08 / 17)

Standard	Total Lead (mg)	Percent Recovery **
Reagent Blank	0.000	< LOQ
Blank Spike	0.500	95
Lab Control Std	1.370	100
Matrix Spike - LBP *	0.38	94
Matrix Spike - Wipe *	0.34	91
Matrix Spike - Soil *	0.358	91
Matrix spike - Air *	0.050	90
2.5 ppm Standard	0.25	95
10.0 ppm Standard	1.0	97
40.0 ppm Standard	4.0	100

AIHA-LAP, LLC No. 100188 **NYSDOH-ELAP No. 11021**

Analysis Method: ASTM D3335-85A
NIOSH 7082
EPA SW846 3050B 7000B

Comments: IATL assumes that all sampling complies with accepted methods.
All client supplied sampling data is assumed to be correct when calculating results.
Detection limit based upon 0.2 mg/L reporting limit and sample size.
* NIST Traceable.
** 80-120% acceptable limits.

Analyzed By: R. Chad Shaffer
Date: 3/8/17

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530973 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.:	6164368	**Description:**	White	**Result (% by Weight):**	<0.0057
Client No.:	MG-L1	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<57
				Comments:	***
Lab No.:	6164369	**Description:**	Brown	**Result (% by Weight):**	0.020
Client No.:	MG-L2	**Location:**	Wood Trim, 22-Feb-17	**Result (ppm):**	200
				Comments:	***
Lab No.:	6164370	**Description:**	Grey	**Result (% by Weight):**	<0.0077
Client No.:	MG-L4	**Location:**	Concrete Floor, 22-Feb-17	**Result (ppm):**	<77
				Comments:	
Lab No.:	6164371	**Description:**	White	**Result (% by Weight):**	<0.0067
Client No.:	MG-L6	**Location:**	Wood Trim, 22-Feb-17	**Result (ppm):**	<67
				Comments:	
Lab No.:	6164372	**Description:**	Grey	**Result (% by Weight):**	<0.0078
Client No.:	MG-L8	**Location:**	Metal Door, 22-Feb-17	**Result (ppm):**	<78
				Comments:	
Lab No.:	6164373	**Description:**	Blue	**Result (% by Weight):**	0.20
Client No.:	MG-L9	**Location:**	Wood Siding, 22-Feb-17	**Result (ppm):**	2000
				Comments:	
Lab No.:	6164374	**Description:**	Red	**Result (% by Weight):**	<0.0062
Client No.:	MG-L11	**Location:**	Wood Siding, 22-Feb-17	**Result (ppm):**	<62
				Comments:	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530973 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report:

Customer Contact:
Analysis: ASTM D3335-85a

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Paint
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by ASTM D3335-85a by AAS

Certification:
- National Lead Laboratory Program (NLLAP): AIHA-LAP, LLC No. 100188
- NYSDOH-ELAP No. 11021

Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation.
All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.
Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Apendix B.
Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies.
LSD=0.2 ppm MDL=0.005% by weight. RL= 0.010% by weight (based upon 100 mg sampled).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com.**

* Insufficient sample provided to perform QC reanalysis (<200 mg)

** Not enough sample provided to analyze (<50 mg)

*** Matrix / substrate interference possible.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

– Environmental Lead –

Contact Information

Client Company:	True Grit Engineering	**Project Number:**	17-805-01
Office Address:	1263 Innovation Drive	**Project Name:**	Pelican Falls DSS
City, State, Zip:	Thunder Bay, Ontario	**Primary Contact:**	Mike Broere
Fax Number:	807-623-5690	**Office Phone:**	807-626-5640 x9206
Email Address:	mbroere@truegriteng.com	**Cell Phone:**	

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- ☑ Paint by AAS: ASTM D3335-85a, 2009
- ☐ Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
- ☐ Air by AAS: NIOSH 7082, 1994
- ☐ Soil by AAS: EPA SW 846 (Soil)
- ☐ Water by AAS-GF: ASTM D3559-03D, USEPA 40CFR 141.11B, 2010
- ☐ Other Metals (Cd, Zn, Cr) by AAS
- ☐ Toxicity Characteristic Leaching Procedure (TCLP) by AAS: USEPA 1311
- ☐ Other _____

Special Instructions:

Report as % lead in paint/sample.

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ■ Email ☐ Fax

☐ 10 Day ■ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization):	Mike Broere / TGCL	Date:	27-Feb-17	Time:	11:00
Received (Name / iATL):		Date:		Time:	
Sample Login (Name / iATL):	WR 3.2.17	Date:		Time:	
Analysis(Name(s) / iATL):		Date:		Time:	
QA/QC Review (Name / iATL):	3/15/17	Date:		Time:	
Archived / Released: _____	QA/QC InterLAB Use: _____	Date:		Time:	

RECEIVED MAR – 1 2017

iATL - By

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Sample Log

–Environmental Lead –

Client: True Grit Engineering Project: 17-805-01, Pelican Falls DSS

Sampling Date/Time: 22-Feb-17

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
MG-L1	6164368	white GB walls					
MG-L2	6164369	brown wood trim					
MG-L4	6164370	grey concrete floor					
MG-L6	6164371	white wood trim					
MG-L8	6164372	grey metal door					
MG-L9	6164373	blue wood siding					
MG-L11	6164374	red wood siding					

* = *Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
** = *Insufficient Sample Provided to Analyze (<50mg)* ***= *Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
These **preliminary results** are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818
INFO@IATL.COM

DAILY QUALITY CONTROL DATA

LEAD SAMPLE ANALYSIS

(DATE: 03 / 08 / 17)

Standard	Total Lead (mg)	Percent Recovery **
Reagent Blank	0.000	< LOQ
Blank Spike	0.500	95
Lab Control Std	1.370	100
Matrix Spike - LBP *	0.38	94
Matrix Spike - Wipe *	0.34	91
Matrix Spike - Soil *	0.358	91
Matrix spike - Air *	0.050	90
2.5 ppm Standard	0.25	95
10.0 ppm Standard	1.0	97
40.0 ppm Standard	4.0	100

AIHA-LAP, LLC No. 100188 **NYSDOH-ELAP No. 11021**

Analysis Method: ASTM D3335-85A
NIOSH 7082
EPA SW846 3050B 7000B

Comments: IATL assumes that all sampling complies with accepted methods.
All client supplied sampling data is assumed to be correct when calculating results.
Detection limit based upon 0.2 mg/L reporting limit and sample size.
* NIST Traceable.
** 80-120% acceptable limits.

Analyzed By: R. Chad Shaffer
Date: 3/8/17

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530959 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.:	6164338	**Description:**	White	**Result (% by Weight):**	<0.0050
Client No.:	R1-L1	**Location:**	Wood Trim, 22-Feb-17	**Result (ppm):**	<50
				Comments:	
Lab No.:	6164339	**Description:**	White	**Result (% by Weight):**	0.012
Client No.:	R1-L2	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	120
				Comments:	
Lab No.:	6164340	**Description:**	Red	**Result (% by Weight):**	<0.0078
Client No.:	R1-L3	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<78
				Comments:	
Lab No.:	6164341	**Description:**	Light Grey	**Result (% by Weight):**	<0.0062
Client No.:	R1-L4	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<62
				Comments:	
Lab No.:	6164342	**Description:**	Grey	**Result (% by Weight):**	<0.0066
Client No.:	R1-L5	**Location:**	Wood Trim, 22-Feb-17	**Result (ppm):**	<66
				Comments:	
Lab No.:	6164343	**Description:**	Green	**Result (% by Weight):**	<0.0079
Client No.:	R1-L6	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<79
				Comments:	***
Lab No.:	6164344	**Description:**	Orange	**Result (% by Weight):**	<0.0081
Client No.:	R1-L7	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<81
				Comments:	***
Lab No.:	6164345	**Description:**	Yellow	**Result (% by Weight):**	<0.0060
Client No.:	R1-L8	**Location:**	Wood/GB Pantry, 22-Feb-17	**Result (ppm):**	<60
				Comments:	***

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530959 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.: 6164346 **Description:** Navy Blue **Result (% by Weight):** <0.0086
Client No.: R1-L10 **Location:** Metal Door, 22-Feb-17 **Result (ppm):** <86
Comments:

Lab No.: 6164347 **Description:** White **Result (% by Weight):** <0.0056
Client No.: R1-L12 **Location:** Wood Trim, 22-Feb-17 **Result (ppm):** <56
Comments: ***

Lab No.: 6164348 **Description:** Blue **Result (% by Weight):** <0.0060
Client No.: R2-L1 **Location:** Wood Door, 22-Feb-17 **Result (ppm):** <60
Comments: ***

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530959 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report:

Customer Contact:
Analysis: ASTM D3335-85a

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Paint
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by ASTM D3335-85a by AAS

Certification:
- National Lead Laboratory Program (NLLAP): AIHA-LAP, LLC No. 100188
- NYSDOH-ELAP No. 11021

Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation.
All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.
Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Apendix B.
Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies.
LSD=0.2 ppm MDL=0.005% by weight. RL= 0.010% by weight (based upon 100 mg sampled).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com.**

* Insufficient sample provided to perform QC reanalysis (<200 mg)

** Not enough sample provided to analyze (<50 mg)

*** Matrix / substrate interference possible.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

– Environmental Lead –

Contact Information

Client Company:	True Grit Engineering	**Project Number:**	17-805-01
Office Address:	1263 Innovation Drive	**Project Name:**	Pelican Falls DSS
City, State, Zip:	Thunder Bay, Ontario	**Primary Contact:**	Mike Broere
Fax Number:	807-623-5690	**Office Phone:**	807-626-5640 x9206
Email Address:	mbroere@truegriteng.com	**Cell Phone:**	

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- ☑ Paint by AAS: ASTM D3335-85a, 2009
- ☐ Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
- ☐ Air by AAS: NIOSH 7082, 1994
- ☐ Soil by AAS: EPA SW 846 (Soil)
- ☐ Water by AAS-GF: ASTM D3559-03D, USEPA 40CFR 141.11B, 2010
- ☐ Other Metals (Cd, Zn, Cr) by AAS
- ☐ Toxicity Characteristic Leaching Procedure (TCLP) by AAS: USEPA 1311
- ☐ Other _____

Special Instructions:

Report as % lead in paint/sample.

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ■ Email ☐ Fax

☐ 10 Day ■ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization):	Mike Broere / TGCL	Date: 27-Feb-17	Time: 11:00
Received (Name / iATL):		Date:	Time:
Sample Login (Name / iATL):	WM 3.2.17	Date:	Time:
Analysis(Name(s) / iATL):	3/8/17	Date:	Time:
QA/QC Review (Name / iATL):	3/8/17	Date:	Time:
Archived / Released: _____	QA/QC InterLAB Use: _____	Date:	Time:

RECEIVED MAR 1 2017

iATL - By

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Sample Log

–Environmental Lead –

Client: True Grit Engineering Project: 17-805-01, Pelican Falls DSS

Sampling Date/Time: 22-Feb-17

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
R1-L1	6164338	white wood trim					
R1-L2	6164339	white GB walls					
R1-L3	6164340	Red wood door					
R1-L4	6164341	light grey GB walls					
R1-L5	6164342	grey wood trim					
R1-L6	6164343	green wood door					
R1-L7	6164344	orange wood door					
R1-L8	6164345	yellow wood/GB pantry					
R1-L10	6164346	navy blue metal door					
R1-L12	6164347	white wood trim					
R2-L1	6164348	blue wood door					

** = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
*** = Insufficient Sample Provided to Analyze (<50mg) ***= Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
These **preliminary results** are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818
INFO@IATL.COM

DAILY QUALITY CONTROL DATA

LEAD SAMPLE ANALYSIS

(DATE: 03 / 08 / 17)

Standard	Total Lead (mg)	Percent Recovery **
Reagent Blank	0.000	< LOQ
Blank Spike	0.500	95
Lab Control Std	1.370	100
Matrix Spike - LBP *	0.38	94
Matrix Spike - Wipe *	0.34	91
Matrix Spike - Soil *	0.358	91
Matrix spike - Air *	0.050	90
2.5 ppm Standard	0.25	95
10.0 ppm Standard	1.0	97
40.0 ppm Standard	4.0	100

AIHA-LAP, LLC No. 100188 **NYSDOH-ELAP No. 11021**

Analysis Method: ASTM D3335-85A
NIOSH 7082
EPA SW846 3050B 7000B

Comments: IATL assumes that all sampling complies with accepted methods.
All client supplied sampling data is assumed to be correct when calculating results.
Detection limit based upon 0.2 mg/L reporting limit and sample size.
* NIST Traceable.
** 80-120% acceptable limits.

Analyzed By: R. Chad Shaffer
Date: 3/8/17

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

AAS.DailyQC.005

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530957 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.:	6164349	**Description:**	Grey	**Result (% by Weight):**	0.48
Client No.:	R3-L1	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	4800
				Comments:	***
Lab No.:	6164350	**Description:**	White	**Result (% by Weight):**	0.027
Client No.:	R3-L2	**Location:**	Wood Trim, 22-Feb-17	**Result (ppm):**	270
				Comments:	
Lab No.:	6164351	**Description:**	White	**Result (% by Weight):**	0.042
Client No.:	R3-L3	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	420
				Comments:	***
Lab No.:	6164352	**Description:**	Grey	**Result (% by Weight):**	0.10
Client No.:	R3-L4	**Location:**	Metal Door, 22-Feb-17	**Result (ppm):**	1000
				Comments:	
Lab No.:	6164353	**Description:**	Yellow	**Result (% by Weight):**	0.14
Client No.:	R3-L5	**Location:**	Wood Trim, 22-Feb-17	**Result (ppm):**	1400
				Comments:	***
Lab No.:	6164354	**Description:**	Yellow	**Result (% by Weight):**	0.034
Client No.:	R3-L6	**Location:**	Wood Walls, 22-Feb-17	**Result (ppm):**	340
				Comments:	***
Lab No.:	6164355	**Description:**	Grey	**Result (% by Weight):**	<0.0086
Client No.:	R3-L7	**Location:**	Concrete Floor, 22-Feb-17	**Result (ppm):**	<86
				Comments:	
Lab No.:	6164356	**Description:**	Teal	**Result (% by Weight):**	<0.0069
Client No.:	R3-L8	**Location:**	Wood/GB Doors/Wall, 22-Feb-17	**Result (ppm):**	<69
				Comments:	***

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530957 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.:	6164357	**Description:**	Purple	**Result (% by Weight):**	<0.0068
Client No.:	R3-L9	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<68
				Comments:	***
Lab No.:	6164358	**Description:**	Grey	**Result (% by Weight):**	<0.0080
Client No.:	R3-L10	**Location:**	Concrete Foundation, 22-Feb-17	**Result (ppm):**	<80
				Comments:	
Lab No.:	6164359	**Description:**	White	**Result (% by Weight):**	1.8
Client No.:	R3-L11	**Location:**	Wood Trim, 22-Feb-17	**Result (ppm):**	18000
				Comments:	
Lab No.:	6164360	**Description:**	Brown	**Result (% by Weight):**	<0.0070
Client No.:	R3-L12	**Location:**	Wood Deck, 22-Feb-17	**Result (ppm):**	<70
				Comments:	***

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530957 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report:

Customer Contact:
Analysis: ASTM D3335-85a

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Paint
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by ASTM D3335-85a by AAS

Certification:
- National Lead Laboratory Program (NLLAP): AIHA-LAP, LLC No. 100188
- NYSDOH-ELAP No. 11021

Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation.
All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.
Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Apendix B.
Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies.
LSD=0.2 ppm MDL=0.005% by weight. RL= 0.010% by weight (based upon 100 mg sampled).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com.**

* Insufficient sample provided to perform QC reanalysis (<200 mg)

** Not enough sample provided to analyze (<50 mg)

*** Matrix / substrate interference possible.

iATL
INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

– Environmental Lead –

Contact Information

Client Company:	True Grit Engineering	**Project Number:**	17-805-01
Office Address:	1263 Innovation Drive	**Project Name:**	Pelican Falls DSS
City, State, Zip:	Thunder Bay, Ontario	**Primary Contact:**	Mike Broere
Fax Number:	807-623-5690	**Office Phone:**	807-626-5640 x9206
Email Address:	mbroere@truegriteng.com	**Cell Phone:**	

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- ☑ Paint by AAS: ASTM D3335-85a, 2009
- ☐ Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
- ☐ Air by AAS: NIOSH 7082, 1994
- ☐ Soil by AAS: EPA SW 846 (Soil)
- ☐ Water by AAS-GF: ASTM D3559-03D, USEPA 40CFR 141.11B, 2010
- ☐ Other Metals (Cd, Zn, Cr) by AAS
- ☐ Toxicity Characteristic Leaching Procedure (TCLP) by AAS: USEPA 1311
- ☐ Other _____

Special Instructions:

Report as % lead in paint/sample.

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ■ Email ☐ Fax

☐ 10 Day ■ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization):	Mike Broere / TGCL	Date:	27-Feb-17	Time:	11:00
Received (Name / iATL):		Date:		Time:	
Sample Login (Name / iATL):		Date:		Time:	
Analysis(Name(s) / iATL):		Date:		Time:	
QA/QC Review (Name / iATL):		Date:		Time:	
Archived / Released: _____	QA/QC InterLAB Use: _____	Date:		Time:	

RECEIVED
MAR - 1 2017

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Sample Log

–Environmental Lead –

Client: True Grit Engineering Project: 17-805-01, Pelican Falls DSS

Sampling Date/Time: 22-Feb-17

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
R3-L1	6164349	grey GB walls					
R3-L2	6164350	white wood trim					
R3-L3	6164351	white GB walls					
R3-L4	6164352	grey metal door					
R3-L5	6164353	yellow wood trim					
R3-L6	6164354	yellow wood walls					
R3-L7	6164355	grey concrete floor					
R3-L8	6164356	teal wood/GB doors/wall					
R3-L9	6164357	purple GB walls					
R3-L10	6164358	grey concrete foundation					
R3-L11	6164359	white wood trim					
R3-L12	6164360	brown wood deck					

** = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
*** = Insufficient Sample Provided to Analyze (<50mg) ***= Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
These **preliminary results** are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818
INFO@IATL.COM

DAILY QUALITY CONTROL DATA

LEAD SAMPLE ANALYSIS

(DATE: 03 / 08 / 17)

Standard	Total Lead (mg)	Percent Recovery **
Reagent Blank	0.000	< LOQ
Blank Spike	0.500	95
Lab Control Std	1.370	100
Matrix Spike - LBP *	0.38	94
Matrix Spike - Wipe *	0.34	91
Matrix Spike - Soil *	0.358	91
Matrix spike - Air *	0.050	90
2.5 ppm Standard	0.25	95
10.0 ppm Standard	1.0	97
40.0 ppm Standard	4.0	100

AIHA-LAP, LLC No. 100188 **NYSDOH-ELAP No. 11021**

Analysis Method: ASTM D3335-85A
NIOSH 7082
EPA SW846 3050B 7000B

Comments: IATL assumes that all sampling complies with accepted methods.
All client supplied sampling data is assumed to be correct when calculating results.
Detection limit based upon 0.2 mg/L reporting limit and sample size.
* NIST Traceable.
** 80-120% acceptable limits.

Analyzed By: R. Chad Shaffer
Date: 3/8/17

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530965 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.:	6164410	**Description:**	Light Brown	**Result (% by Weight):**	<0.0076
Client No.:	R4-L1	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<76
				Comments:	***
Lab No.:	6164411	**Description:**	Light Brown	**Result (% by Weight):**	<0.0086
Client No.:	R4-L2	**Location:**	Wood Trim, 22-Feb-17	**Result (ppm):**	<86
				Comments:	
Lab No.:	6164412	**Description:**	Green	**Result (% by Weight):**	<0.0076
Client No.:	R4-L3	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<76
				Comments:	***
Lab No.:	6164413	**Description:**	Red	**Result (% by Weight):**	<0.0073
Client No.:	R4-L4	**Location:**	Wood Doors, 22-Feb-17	**Result (ppm):**	<73
				Comments:	***
Lab No.:	6164414	**Description:**	Blue	**Result (% by Weight):**	<0.0087
Client No.:	R4-L5	**Location:**	Wood Doors, 22-Feb-17	**Result (ppm):**	<87
				Comments:	
Lab No.:	6164415	**Description:**	Green	**Result (% by Weight):**	<0.0077
Client No.:	R4-L6	**Location:**	Wood Doors, 22-Feb-17	**Result (ppm):**	<77
				Comments:	
Lab No.:	6164416	**Description:**	Black	**Result (% by Weight):**	<0.0068
Client No.:	R4-L8	**Location:**	Wood Doors, 22-Feb-17	**Result (ppm):**	<68
				Comments:	***
Lab No.:	6164417	**Description:**	White	**Result (% by Weight):**	<0.0063
Client No.:	R4-L9	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<63
				Comments:	***

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530965 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.: 6164418 **Description:** White **Result (% by Weight):** <0.0053
Client No.: R4-L11 **Location:** Wood Stairs, 22-Feb-17 **Result (ppm):** <53
Comments:

Lab No.: 6164419 **Description:** Blue **Result (% by Weight):** <0.0082
Client No.: R4-L12 **Location:** Plywood Panel, 22-Feb-17 **Result (ppm):** <82
Comments:

Lab No.: 6164420 **Description:** Red **Result (% by Weight):** <0.0055
Client No.: R4-L13 **Location:** Wood Deck, 22-Feb-17 **Result (ppm):** <55
Comments: ***

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530965 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report:

Customer Contact:
Analysis: ASTM D3335-85a

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Paint
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by ASTM D3335-85a by AAS

Certification:
- National Lead Laboratory Program (NLLAP): AIHA-LAP, LLC No. 100188
- NYSDOH-ELAP No. 11021

Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation.
All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.
Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Apendix B.
Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies.
LSD=0.2 ppm MDL=0.005% by weight. RL= 0.010% by weight (based upon 100 mg sampled).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com.**

* Insufficient sample provided to perform QC reanalysis (<200 mg)

** Not enough sample provided to analyze (<50 mg)

*** Matrix / substrate interference possible.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

– Environmental Lead –

Contact Information

Client Company:	True Grit Engineering	**Project Number:**	17-805-01
Office Address:	1263 Innovation Drive	**Project Name:**	Pelican Falls DSS
City, State, Zip:	Thunder Bay, Ontario	**Primary Contact:**	Mike Broere
Fax Number:	807-623-5690	**Office Phone:**	807-626-5640 x9206
Email Address:	mbroere@truegriteng.com	**Cell Phone:**	

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- ☑ Paint by AAS: ASTM D3335-85a, 2009
- ☐ Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
- ☐ Air by AAS: NIOSH 7082, 1994
- ☐ Soil by AAS: EPA SW 846 (Soil)
- ☐ Water by AAS-GF: ASTM D3559-03D, USEPA 40CFR 141.11B, 2010
- ☐ Other Metals (Cd, Zn, Cr) by AAS
- ☐ Toxicity Characteristic Leaching Procedure (TCLP) by AAS: USEPA 1311
- ☐ Other _____

Special Instructions:

Report as % lead in paint/sample.

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ■ Email ☐ Fax

☐ 10 Day ■ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization):	Mike Broere / TGCL	Date:	27-Feb-17	Time:	11:00
Received (Name / iATL):		Date:		Time:	
Sample Login (Name / iATL):	3-2-17	Date:		Time:	
Analysis(Name(s) / iATL):		Date:		Time:	
QA/QC Review (Name / iATL):	3/8/17	Date:		Time:	
Archived / Released: _____	QA/QC InterLAB Use: _____	Date:		Time:	

RECEIVED MAR - 1 2017

iATL - By

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Sample Log

–Environmental Lead –

Client: True Grit Engineering Project: 17-805-01, Pelican Falls DSS

Sampling Date/Time: 22-Feb-17

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
R4-L1	6164410	light brown GB walls					
R4-L2	6164411	light brown wood trim					
R4-L3	6164412	green GB walls					
R4-L4	6164413	red wood doors					
R4-L5	6164414 6164415	blue wood doors					
R4-L6		green wood doors					
R4-L8	6164416	black wood doors					
R4-L9	6164417	white GB walls					
R4-L11	6164418	white wood stairs					
R4-L12	6164419	blue plywood panel					
R4-L13	6164420	red wood deck					

** = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
*** = Insufficient Sample Provided to Analyze (<50mg) ***= Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
These **preliminary results** are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818
INFO@IATL.COM

DAILY QUALITY CONTROL DATA

LEAD SAMPLE ANALYSIS

(DATE: 03 / 08 / 17)

Standard	Total Lead (mg)	Percent Recovery **
Reagent Blank	0.000	< LOQ
Blank Spike	0.500	95
Lab Control Std	1.370	100
Matrix Spike - LBP *	0.38	94
Matrix Spike - Wipe *	0.34	91
Matrix Spike - Soil *	0.358	91
Matrix spike - Air *	0.050	90
2.5 ppm Standard	0.25	95
10.0 ppm Standard	1.0	97
40.0 ppm Standard	4.0	100

AIHA-LAP, LLC No. 100188 **NYSDOH-ELAP No. 11021**

Analysis Method: ASTM D3335-85A
NIOSH 7082
EPA SW846 3050B 7000B

Comments: IATL assumes that all sampling complies with accepted methods.
All client supplied sampling data is assumed to be correct when calculating results.
Detection limit based upon 0.2 mg/L reporting limit and sample size.
* NIST Traceable.
** 80-120% acceptable limits.

Analyzed By: R. Chad Shaffer
Date: 3/8/17

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

AAS.DailyQC.005

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530963 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.:	6164421	**Description:**	Light Brown	**Result (% by Weight):**	<0.0062
Client No.:	R5-L1	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<62
				Comments:	***
Lab No.:	6164422	**Description:**	White	**Result (% by Weight):**	<0.0075
Client No.:	R5-L2	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<75
				Comments:	
Lab No.:	6164423	**Description:**	Blush	**Result (% by Weight):**	<0.0079
Client No.:	R5-L3	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<79
				Comments:	
Lab No.:	6164424	**Description:**	Light Blue	**Result (% by Weight):**	<0.0065
Client No.:	R5-L4	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<65
				Comments:	
Lab No.:	6164425	**Description:**	Green	**Result (% by Weight):**	<0.0090
Client No.:	R5-L5	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<90
				Comments:	
Lab No.:	6164426	**Description:**	Blue	**Result (% by Weight):**	<0.0090
Client No.:	R5-L6	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<90
				Comments:	
Lab No.:	6164427	**Description:**	Red	**Result (% by Weight):**	<0.0093
Client No.:	R5-L7	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<93
				Comments:	
Lab No.:	6164428	**Description:**	Orange	**Result (% by Weight):**	<0.0091
Client No.:	R5-L8	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<91
				Comments:	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530963 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.: 6164429
Client No.: R5-L9
Description: Teal
Location: Wood Shelves, 22-Feb-17
Result (% by Weight): <0.0064
Result (ppm): <64
Comments:

Lab No.: 6164430
Client No.: R5-L10
Description: Yellow
Location: GB Walls, 22-Feb-17
Result (% by Weight): <0.0065
Result (ppm): <65
Comments:

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530963 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report:

Customer Contact:
Analysis: ASTM D3335-85a

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Paint
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by ASTM D3335-85a by AAS

Certification:
- National Lead Laboratory Program (NLLAP): AIHA-LAP, LLC No. 100188
- NYSDOH-ELAP No. 11021

Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation.
All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.
Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Apendix B.
Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies.
LSD=0.2 ppm MDL=0.005% by weight. RL= 0.010% by weight (based upon 100 mg sampled).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com.**

* Insufficient sample provided to perform QC reanalysis (<200 mg)

** Not enough sample provided to analyze (<50 mg)

*** Matrix / substrate interference possible.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

– Environmental Lead –

Contact Information

Client Company:	True Grit Engineering	**Project Number:**	17-805-01
Office Address:	1263 Innovation Drive	**Project Name:**	Pelican Falls DSS
City, State, Zip:	Thunder Bay, Ontario	**Primary Contact:**	Mike Broere
Fax Number:	807-623-5690	**Office Phone:**	807-626-5640 x9206
Email Address:	mbroere@truegriteng.com	**Cell Phone:**	

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- ☑ Paint by AAS: ASTM D3335-85a, 2009
- ☐ Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
- ☐ Air by AAS: NIOSH 7082, 1994
- ☐ Soil by AAS: EPA SW 846 (Soil)
- ☐ Water by AAS-GF: ASTM D3559-03D, USEPA 40CFR 141.11B, 2010
- ☐ Other Metals (Cd, Zn, Cr) by AAS
- ☐ Toxicity Characteristic Leaching Procedure (TCLP) by AAS: USEPA 1311
- ☐ Other _____

Special Instructions:

Report as % lead in paint/sample.

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ■ Email ☐ Fax

☐ 10 Day ■ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization):	Mike Broere / TGCL	Date: 27-Feb-17	Time: 11:00
Received (Name / iATL):		Date:	Time:
Sample Login (Name / iATL):	[illegible] 3.2.17	Date:	Time:
Analysis(Name(s) / iATL):	[illegible] 3/8/17	Date:	Time:
QA/QC Review (Name / iATL):	[illegible] 3/8/17	Date:	Time:
Archived / Released: _____	QA/QC InterLAB Use: _____	Date:	Time:

RECEIVED MAR 8 2017 iATL - By [illegible]

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Sample Log

–Environmental Lead –

Client: True Grit Engineering Project: 17-805-01, Pelican Falls DSS

Sampling Date/Time: 22-Feb-17

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
R5-L1	6164421	light brown GB walls					
R5-L2	6164422	white GB walls					
R5-L3	6164423	blush GB walls					
R5-L4	6164424	light blue GB walls					
R5-L5	6164425	green wood door					
R5-L6	6164426	blue wood door					
R5-L7	6164427	red wood door					
R5-L8	6164428	orange wood door					
R5-L9	6164429	teal wood shelves					
R5-L10	6164430	yellow GB walls					

** = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
*** = Insufficient Sample Provided to Analyze (<50mg) ***= Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
These **preliminary results** are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818
INFO@IATL.COM

DAILY QUALITY CONTROL DATA

LEAD SAMPLE ANALYSIS

(DATE: 03 / 08 / 17)

Standard	Total Lead (mg)	Percent Recovery **
Reagent Blank	0.000	< LOQ
Blank Spike	0.500	95
Lab Control Std	1.370	100
Matrix Spike - LBP *	0.38	94
Matrix Spike - Wipe *	0.34	91
Matrix Spike - Soil *	0.358	91
Matrix spike - Air *	0.050	90
2.5 ppm Standard	0.25	95
10.0 ppm Standard	1.0	97
40.0 ppm Standard	4.0	100

AIHA-LAP, LLC No. 100188 **NYSDOH-ELAP No. 11021**

Analysis Method: ASTM D3335-85A
NIOSH 7082
EPA SW846 3050B 7000B

Comments: IATL assumes that all sampling complies with accepted methods.
All client supplied sampling data is assumed to be correct when calculating results.
Detection limit based upon 0.2 mg/L reporting limit and sample size.
* NIST Traceable.
** 80-120% acceptable limits.

Analyzed By: R. Chad Shaffer
Date: 3/8/17

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530961 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.:	6164319	**Description:**	White	**Result (% by Weight):**	<0.0090
Client No.:	R6-L1	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<90
				Comments:	
Lab No.:	6164320	**Description:**	Teal	**Result (% by Weight):**	<0.0077
Client No.:	R6-L3	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<77
				Comments:	
Lab No.:	6164321	**Description:**	Red	**Result (% by Weight):**	<0.0079
Client No.:	R6-L4	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<79
				Comments:	
Lab No.:	6164322	**Description:**	Light Green	**Result (% by Weight):**	<0.0057
Client No.:	R6-L5	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<57
				Comments:	***
Lab No.:	6164323	**Description:**	Grey	**Result (% by Weight):**	<0.0077
Client No.:	R6-L6	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<77
				Comments:	
Lab No.:	6164324	**Description:**	Blue	**Result (% by Weight):**	<0.0066
Client No.:	R6-L7	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<66
				Comments:	
Lab No.:	6164325	**Description:**	Light Beige	**Result (% by Weight):**	<0.0091
Client No.:	R6-L8	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<91
				Comments:	
Lab No.:	6164326	**Description:**	Green	**Result (% by Weight):**	<0.015
Client No.:	R6-L9	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<150
				Comments:	*

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530961 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.: 6164327 **Description:** Yellow **Result (% by Weight):** <0.0087
Client No.: R6-L11 **Location:** Wood Wall, 22-Feb-17 **Result (ppm):** <87
Comments:

Lab No.: 6164328 **Description:** Light Grey **Result (% by Weight):** <0.0072
Client No.: R6-L12 **Location:** Wood Shelves, 22-Feb-17 **Result (ppm):** <72
Comments:

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530961 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report:

Customer Contact:
Analysis: ASTM D3335-85a

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Paint
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by ASTM D3335-85a by AAS

Certification:
- National Lead Laboratory Program (NLLAP): AIHA-LAP, LLC No. 100188
- NYSDOH-ELAP No. 11021

Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation.
All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.
Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Apendix B.
Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies.
LSD=0.2 ppm MDL=0.005% by weight. RL= 0.010% by weight (based upon 100 mg sampled).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com.**

* Insufficient sample provided to perform QC reanalysis (<200 mg)

** Not enough sample provided to analyze (<50 mg)

*** Matrix / substrate interference possible.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

– Environmental Lead –

Contact Information

Client Company:	True Grit Engineering	**Project Number:**	17-805-01
Office Address:	1263 Innovation Drive	**Project Name:**	Pelican Falls DSS
City, State, Zip:	Thunder Bay, Ontario	**Primary Contact:**	Mike Broere
Fax Number:	807-623-5690	**Office Phone:**	807-626-5640 x9206
Email Address:	mbroere@truegriteng.com	**Cell Phone:**	

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- ☑ Paint by AAS: ASTM D3335-85a, 2009
- ☐ Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
- ☐ Air by AAS: NIOSH 7082, 1994
- ☐ Soil by AAS: EPA SW 846 (Soil)
- ☐ Water by AAS-GF: ASTM D3559-03D, USEPA 40CFR 141.11B, 2010
- ☐ Other Metals (Cd, Zn, Cr) by AAS
- ☐ Toxicity Characteristic Leaching Procedure (TCLP) by AAS: USEPA 1311
- ☐ Other _____

Special Instructions:

Report as % lead in paint/sample.

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ■ Email ☐ Fax

☐ 10 Day ■ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization):	Mike Broere / TGCL	Date:	27-Feb-17	Time:	11:00
Received (Name / iATL):		Date:		Time:	
Sample Login (Name / iATL):	tm 3.2.17	Date:		Time:	
Analysis(Name(s) / iATL):		Date:		Time:	
QA/QC Review (Name / iATL):		Date:		Time:	
Archived / Released: _____ QA/QC InterLAB Use: _____		Date:		Time:	

RECEIVED
MAR – 1 2017

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Sample Log

–Environmental Lead –

Client: True Grit Engineering Project: 17-805-01, Pelican Falls DSS

Sampling Date/Time: 22-Feb-17

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
R6-L1	6164319	white GB walls					
R6-L3	6164320	teal wood door					
R6-L4	6164321	red wood door					
R6-L5	6164322	light green GB walls					
R6-L6	6164323	grey GB walls					
R6-L7	6164324	blue wood door					
R6-L8	6164325	light beige GB walls					
R6-L9	6164326	green wood door					
R6-L11	6164327	yellow wood wall					
R6-L12	6164328	light grey wood shelves					

* = *Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
** = *Insufficient Sample Provided to Analyze (<50mg)* ***= *Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
These **preliminary results** are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818
INFO@IATL.COM

DAILY QUALITY CONTROL DATA

LEAD SAMPLE ANALYSIS

(DATE: 03 / 08 / 17)

Standard	Total Lead (mg)	Percent Recovery **
Reagent Blank	0.000	< LOQ
Blank Spike	0.500	95
Lab Control Std	1.370	100
Matrix Spike - LBP *	0.38	94
Matrix Spike - Wipe *	0.34	91
Matrix Spike - Soil *	0.358	91
Matrix spike - Air *	0.050	90
2.5 ppm Standard	0.25	95
10.0 ppm Standard	1.0	97
40.0 ppm Standard	4.0	100

AIHA-LAP, LLC No. 100188 **NYSDOH-ELAP No. 11021**

Analysis Method: ASTM D3335-85A
NIOSH 7082
EPA SW846 3050B 7000B

Comments: IATL assumes that all sampling complies with accepted methods.
All client supplied sampling data is assumed to be correct when calculating results.
Detection limit based upon 0.2 mg/L reporting limit and sample size.
* NIST Traceable.
** 80-120% acceptable limits.

Analyzed By: R. Chad Shaffer
Date: 3/8/17

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530971 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.:	6164375	**Description:**	Light Beige	**Result (% by Weight):**	<0.0055
Client No.:	R7-L1	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<55
				Comments:	***
Lab No.:	6164376	**Description:**	White	**Result (% by Weight):**	<0.0078
Client No.:	R7-L2	**Location:**	Metal Door, 22-Feb-17	**Result (ppm):**	<78
				Comments:	
Lab No.:	6164377	**Description:**	Red	**Result (% by Weight):**	<0.0082
Client No.:	R7-L3	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<82
				Comments:	
Lab No.:	6164378	**Description:**	Light Blue	**Result (% by Weight):**	<0.0063
Client No.:	R7-L4	**Location:**	GB Wall, 22-Feb-17	**Result (ppm):**	<63
				Comments:	***
Lab No.:	6164379	**Description:**	Teal	**Result (% by Weight):**	<0.0083
Client No.:	R7-L5	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<83
				Comments:	
Lab No.:	6164380	**Description:**	Blue	**Result (% by Weight):**	<0.0071
Client No.:	R7-L6	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<71
				Comments:	***
Lab No.:	6164381	**Description:**	White	**Result (% by Weight):**	<0.0075
Client No.:	R7-L7	**Location:**	GB Wall, 22-Feb-17	**Result (ppm):**	<75
				Comments:	***
Lab No.:	6164382	**Description:**	Light Blue	**Result (% by Weight):**	<0.0055
Client No.:	R7-L8	**Location:**	GB Door/Wall, 22-Feb-17	**Result (ppm):**	<55
				Comments:	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530971 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.:	6164383	**Description:**	Orange	**Result (% by Weight):**	<0.0080
Client No.:	R7-L9	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<80
				Comments:	
Lab No.:	6164384	**Description:**	Dark Beige	**Result (% by Weight):**	<0.0084
Client No.:	R7-L10	**Location:**	Metal Stall, 22-Feb-17	**Result (ppm):**	<84
				Comments:	
Lab No.:	6164385	**Description:**	Yellow	**Result (% by Weight):**	<0.0069
Client No.:	R7-L11	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<69
				Comments:	***
Lab No.:	6164386	**Description:**	Green	**Result (% by Weight):**	<0.0065
Client No.:	R7-L12	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<65
				Comments:	***
Lab No.:	6164387	**Description:**	Dark Brown	**Result (% by Weight):**	<0.0080
Client No.:	R7-L14	**Location:**	Wood Shelf, 22-Feb-17	**Result (ppm):**	<80
				Comments:	***
Lab No.:	6164388	**Description:**	Blue	**Result (% by Weight):**	<0.0066
Client No.:	R8-L1	**Location:**	Metal Stalls, 22-Feb-17	**Result (ppm):**	<66
				Comments:	
Lab No.:	6164389	**Description:**	Purple	**Result (% by Weight):**	<0.0071
Client No.:	R9-L1	**Location:**	GB Walls, 22-Feb-17	**Result (ppm):**	<71
				Comments:	***
Lab No.:	6164390	**Description:**	Black	**Result (% by Weight):**	<0.0090
Client No.:	R9-L2	**Location:**	Wood Door, 22-Feb-17	**Result (ppm):**	<90
				Comments:	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530971 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.: 6164391
Client No.: R9-L3

Description: Red/Brown
Location: Wood Cabinets, 22-Feb-17

Result (% by Weight): <0.0088
Result (ppm): <88
Comments:

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 3/1/2017
Date Analyzed: 03/08/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: True Grit Consulting Ltd.
1263 Innovation Drive
Thunder Bay ON P7B 0A2

Client: TRU571

Report Date: 3/8/2017
Report No.: 530971 - Lead Paint
Project: Pelican Falls DSS
Project No.: 17-805-01

Appendix to Analytical Report:

Customer Contact:
Analysis: ASTM D3335-85a

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com
iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Paint
Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by ASTM D3335-85a by AAS

Certification:
- National Lead Laboratory Program (NLLAP): AIHA-LAP, LLC No. 100188
- NYSDOH-ELAP No. 11021

Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation.
All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.
Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Apendix B.
Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies.
LSD=0.2 ppm MDL=0.005% by weight. RL= 0.010% by weight (based upon 100 mg sampled).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at **customerservice@iatl.com.**

* Insufficient sample provided to perform QC reanalysis (<200 mg)

** Not enough sample provided to analyze (<50 mg)

*** Matrix / substrate interference possible.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

– Environmental Lead –

Contact Information

Client Company:	True Grit Engineering	**Project Number:**	17-805-01
Office Address:	1263 Innovation Drive	**Project Name:**	Pelican Falls DSS
City, State, Zip:	Thunder Bay, Ontario	**Primary Contact:**	Mike Broere
Fax Number:	807-623-5690	**Office Phone:**	807-626-5640 x9206
Email Address:	mbroere@truegriteng.com	**Cell Phone:**	

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- ☑ Paint by AAS: ASTM D3335-85a, 2009
- ☐ Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
- ☐ Air by AAS: NIOSH 7082, 1994
- ☐ Soil by AAS: EPA SW 846 (Soil)
- ☐ Water by AAS-GF: ASTM D3559-03D, USEPA 40CFR 141.11B, 2010
- ☐ Other Metals (Cd, Zn, Cr) by AAS
- ☐ Toxicity Characteristic Leaching Procedure (TCLP) by AAS: USEPA 1311
- ☐ Other _____

Special Instructions:

Report as % lead in paint/sample.

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ■ Email ☐ Fax

☐ 10 Day ■ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization):	Mike Broere / TGCL	Date: 27-Feb-17	Time: 11:00
Received (Name / iATL):		Date:	Time:
Sample Login (Name / iATL):	MM 3-2-17	Date:	Time:
Analysis(Name(s) / iATL):	CA 3/8/17	Date:	Time:
QA/QC Review (Name / iATL):	3/8/17	Date:	Time:
Archived / Released: _____	QA/QC InterLAB Use: _____	Date:	Time:

RECEIVED
MAR - 1 2017
iATL - By

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Sample Log

–Environmental Lead –

Client: True Grit Engineering Project: 17-805-01, Pelican Falls DSS

Sampling Date/Time: 22-Feb-17

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
R7-L1	6164375	light beige GB walls					
R7-L2	6164376	white metal door					
R7-L3	6164377	red wood door					
R7-L4	6164378	light blue GB wall					
R7-L5	6164379	teal wood door					
R7-L6	6164380	blue wood door					
R7-L7	6164381	white GB wall					
R7-L8	6164382	light blue metal/GB door/wall					
R7-L9	6164383	orange wood door					
R7-L10	6164384	dark beige metal stall					
R7-L11	6164385	yellow wood/GB walls					
R7-L12	6164386	green wood door					
R7-L14	6164387	dark brown wood shelf					
R8-L1	6164388	blue metal stalls					
R9-L1	6164389	purple GB walls					

** = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
*** = Insufficient Sample Provided to Analyze (<50mg) ***= Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
These **preliminary results** are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Sample Log

–Environmental Lead –

Client: True Grit Engineering Project: 17-805-01, Pelican Falls DSS

Sampling Date/Time: 22-Feb-17

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
R9-L2	6164390	black wood door					
R9-L3	6164391	red/brown wood cabinets					

* = *Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
** = *Insufficient Sample Provided to Analyze (<50mg)* ***= *Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
These **preliminary results** are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818
INFO@IATL.COM

DAILY QUALITY CONTROL DATA

LEAD SAMPLE ANALYSIS

(DATE: 03 / 08 / 17)

Standard	Total Lead (mg)	Percent Recovery **
Reagent Blank	0.000	< LOQ
Blank Spike	0.500	95
Lab Control Std	1.370	100
Matrix Spike - LBP *	0.38	94
Matrix Spike - Wipe *	0.34	91
Matrix Spike - Soil *	0.358	91
Matrix spike - Air *	0.050	90
2.5 ppm Standard	0.25	95
10.0 ppm Standard	1.0	97
40.0 ppm Standard	4.0	100

AIHA-LAP, LLC No. 100188 **NYSDOH-ELAP No. 11021**

Analysis Method: ASTM D3335-85A
NIOSH 7082
EPA SW846 3050B 7000B

Comments: IATL assumes that all sampling complies with accepted methods.
All client supplied sampling data is assumed to be correct when calculating results.
Detection limit based upon 0.2 mg/L reporting limit and sample size.
* NIST Traceable.
** 80-120% acceptable limits.

Analyzed By: R. Chad Shaffer
Date: 3/8/17

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

AAS.DailyQC.005

Appendix C: Field Data Sheets

Master List - Asbestos Samples

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Facility	PF HS	R3	**Date**	22-Feb-17
Project #	17-805-01			

Sample ID	Description
R3-S1	VSF, grey "paint splatter" pattern
R3-S2 a-c	12" x 12" brown stone pattern
R3-S3	12x24" VFT, grey stone pattern
R3-S4	MJC from east side of main floor.
R3-S5 a-c	MJC from west side of main floor
R3-S6a-c	2'x2' white CT, w dot pattern.
* R3-S7a-c	MJC from west side of basement
R3-S8 a-c	MJC from [redacted] basement.
R3-S9a-c	transite cement board (interior)
R3-S10 a-c	Green VSF
R3-S11 a-c	Boiler insulation
R3-S12a-c	exterior transite
R3-S13 a-c	black building wrap
R3-S14a-c	ext white window caulking (old)

Master List - Lead Paints

TRUE GRIT CONSULTING LTD

Facility	PF HS	R3	Date	22-Feb-17
Project #	17-805-01			

Sample ID	Room Number Sampled in	Colour of Top Layer (subsequent colours)	Substrate (eg. wood, metal)	Building Component (eg. trim, wall, door)	Result	Comments
R3-L1		Grey	GB	wall		
R3-L2		white	wood	trim		
R3-L3		white	GB	wall/ceiling		
R3-L4		grey	metal	door		
R3-L5		yellow	wood	trim		
R3-L6		yellow	wood/conc	walls		
R3-L7		grey	p-conc	floor		
R3-L8		teal/green	wood/GB	doors/walls		
R3-L9		blue/purple	GB	walls		
R3-L10	ext	grey	P-conc	foundation		
R3-L11	ext	white	wood	door trim		
R3-L12	ext	brown	wood	deck/trim		
R3-L13		silver	solder	Pipe		

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R3.
Floor	main
Room I.D.	(1) bedroom

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R3-S3	F				X					12 x 24 grey stone pattern VFT. all										
R3-S4	W					X	X													
R3-S4	C					X	X													
	O									1 flo x 2b. (T8's)										
	O								X	wood trim										
	O								X	1 SD/CO alarm - no nres.										
	O								X	Hot H_2O rad										

Paint:
R3-L1 = grey on GB
R3-L2 = white on wood trim
R3-L3 = white on GB ceiling

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

S1 = k/p
S2 = WP

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R3
Floor	main
Room I.D.	(2) bedroom.

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R3-S3	F				X					12x24 sqm.										
R3-S4	W					X	X													
R3-S4	C					X	X													
	O								X	wood trim										
	O								X	1 flo x 2b (T8's)										
	O								X	1 HWT water tank										
	O								X	1 CO/SD (non Nuc)										
										Paint: VS-R3-L1										
										VS-R3-L2										
										VS-R3-L3										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R3
Floor	main
Room I.D.	(3) bedroom.

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R3-S3	F				x					12×24 grey										
R3-S4	W					L	x													
R3-S4	C					x	x													
	O								x	wood trim.										
	O								x	ISO/CO (non-Nuc)										
	O								x	1 HW rad.										
	O								x	1 Flo × 26 (LT8'S)										
										Paint: VS-R3-L1										
										VS-R3-L2										
										VS-R3-L3										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R3
Floor	main
Room I.D.	(9) bedroom

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
		→ materials + paints vs to other bedrooms																		
R3-S1	W					X	X													
R3-S1	C					X	X													
										VS-R3-1										
										VS-R3-2										
										VS-R3-3										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R3.
Floor	main
Room I.D.	(5) living area.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R353	F																			
R3-S4	W					X	✓													
R3-S4	C					X	X													
	O								X	HW rad										
	O								X	lenrge light = batt.										
	O								X	1 CO/SD (non-nuc)										
	G								X	4 flo x 26 (LT&S)										
			Paint:	VS-R3-L1																
				VS-R3-L2																
				VS-R3-L3																
	O								X	1 Hg thermostat.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R3
Floor	main
Room I.D.	(6) bedroom

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R3-S3	F				X															
	W								X	wood panelling										
R3-S4	C					X	X													
	O								X	1 flo x 2b (T8's)										
	O								X	1 SP/CO non-nuc.										
	O								X	1 HW rad.										
										Paint: VSR3-L1 (on panelling)										
										VS-R3-L2										
										VS-R3-L3										
										→ attic hatch in hall										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R3
Floor	main
Room I.D.	(7)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R3-S3	F				x															
	W								x	wood panelling										
R3-S4	C					x		x												
										Paint: VS-Ref R3-L2 (wood panelling)										
										VS-R3-L3 → ceiling										
										→ to the access.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R3
Floor	main
Room I.D.	(8) WR.

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R3-S3	F				X															
	W								X	wood on E side of room										
R3-S4	W					X		X		on W side of room.										
	O								X	exhaust fan										
R3-S5	C					X		X												
										Paint: VS-R3-L2 (wood walls + trim)										
										VS-R3-L3. (GB ceiling)										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R3.
Floor	main
Room I.D.	(9) entrance / foyer

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R3-S3	F				X															
R3-S5	W					X	X													
R3-S5	C					X	X													
	O								X	1 old HID										
	O								X	1 flo x 2b (T12's)										
	O								X	1 emerg light w battery										
										Paint: VS-R3-L3										
										VS-R3-L2										
										R3-L4 : Grey										
										on ext metal door.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R3
Floor	main
Room I.D.	(10) WR.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R3-S2	F				X					12x12 brown stone pattern										
	W								X	vinyl wall board (wood fibre)										
R3-S6	C							X		2x2 white c dots										
	O								X	4 flo x 2 b (unknown)										
										Paint: VS-R3-L2 (white on trim.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R3 .
Floor	main
Room I.D.	(1) kitchen & pantry.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R3-Slab	F			x						grey paint splatter pattern.										
R3-S5	W					x	x													
R3-S5	C					x	x													
	W								x	fan - exp'd brick (old chimney)										
	O								x	1 old HD										
	O								x	2 fl. x 2b (T12's)										
	O								x	1 HW rad										
			Paint:	VS-R3-L2																
				VS-R3-L3																
				R3-L5						yellow on wood trim.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R3
Floor	main
Room I.D.	(12) dining room

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R3-S1	F			X																
R3-S5	W					X	X													
R3-S5	C					X	X													
	O								X	2 flo x 2b (T12's)										
	O								X	1 HW Rad										
	F								X	wood sub floor VSI=										
	O								X	2 fridges + 1 stand up freezer.										
	O								X	1 old HD.										
	O								X	1 SP (Am241)										

Paint: VS-R3-L3
VS-R3-L2

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R3
Floor	Basement
Room I.D.	(R3) open area / hallway

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								X	P-cone										
	W								X	wood (N, S, W)										
	W								X	P-cone. (E)										
R3-S8	C					X	X													
	O								X	1 fld.										
	O								X	1 flo + 2 b. (T8's)										
	O								X	1 emerg batt w										

Paint, R3-L6 = yellow on wood / cone. walls.
R3-L7 = grey on P-cone floor.

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	RCB
Floor	Basement
Room I.D.	(19) storage under stairs

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								X	P-conc										
	W								X	P-conc. (N, E)										
	W								X	wood (S, W)										
	C								X	wood (stairs)										
										paint: VS-R3-L2 (on wood)										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	23
Floor	basement
Room I.D.	(15) Storage

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								X	P-cont.										
	W								x	wood E, S, W										
	W								x	P-cont N										
	C								x	wood beams + decking										
	O								x	1 HP										
	O								x	1 HE bulb										
	P								x	mins. pipes										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R3
Floor	Basement
Room I.D.	(6) Storage

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								X	P-cone.										
	W								+	P-cone (N W)										
	V								<	wood (S E)										
R3-57	C					X	X													
	O								+	1 HD.										
				no	paint.															

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R3
Floor	Basement
Room I.D.	(17) storage / laundry

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								X	P-cone.										
	W								X	wood (N, E)										
	W								X	P-cone (S, W)										
R3-S7	C					X	X													
	O								X	1 SD/CO may be Nest.										
	O								X	2 flo x 2b' (T8)										
	O								X	1 HID.										
	O								X	1 chest freezer.										
	O								X	1 HW rad										
	O								X	unins pipng.										
		Paint VS-R3-L6																		
		VS-R3-L7.																		
		VS-R3-L3 (ceiling)																		
	P								X	copper water lines w solder										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R3
Floor	Basement
Room I.D.	(18) storage

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								x	P-cone										
R3-S9	W								x	N + W = transite										
R3-S7	W								x	E + S										
R3-S9	C								x	transite.										
	O								x	2 chest freezers.										
	O								x	wood trim.										
	O								x	1HD										
	O								x	1 flo + 2 b										
										Paint: VS-R3-L6										
										VS-R3-7										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R3.
Floor	Basement
Room I.D.	(19) Boiler Room

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	E								X	P-cone.										
R3-S9	W								X	transite (N wall										
	W								X	P-cone (E+S)										
R3-S7	W					X	X			W wall										
	P								X	uninsulated										
	O								X	vents, duct work										
	W								X	Brick + mortar chimney										
	C								X	transite.										
	O								X	1 fl. x 2 lb (T&S's)										
	O								X	elect HWT)										
	O								X	fuel oil Fired boiler										
S11 a-c	O								X	old boiler w Parging ins.										
										↳ grey, fibrous parging	~1sm²									
	O								X	hollow metal door (old)										
				Paint.		VS-R3-L6														
						VS-R3-L7														

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R3.
Floor	Basement
Room I.D.	(20) hallways.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								x	carpet (P-zone under)										
R3-S8	W					x	x													
	C					x	x													
	r								x	HW rads										
	P								x	unins pipes.										
	o								x	3 flo x 26 (T8's)										
	O								x	1 HID.										
	o								x	1 emerg light - w batt.										
										Paint:										
										VS-R3-L3										
										VS-R3-L8 (teal/green on doors)										
										VS-R3-L2 (white wood trim)										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R3
Floor	Basement
Room I.D.	(21) Board rm.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								x	carpet.										
	W					x	x													
	C					x	x													
	O								x	HW rads.										
	P								x	unins.										
										Paint: VS-R3-L8 (green/teal on GB)										
										VS-R3-L3 white on ceiling.										
										VS-R3-L2 white on wood trim										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R3
Floor	Basement
Room I.D.	(22) storage.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								x	P-con										
	W					x	x													
	C					x	x													
	O								x	1 flo x 2b (T12's)										
				Paint:		VS-R3-L3														

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	123
Floor	Basement
Room I.D.	(23) Storage

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								x	P-conc.										
	W					x	x			N, E, S										
	W								x	P-conc, W,										
	C					x	x													
	P								x	~~Floor~~ drains pipes										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R3
Floor	Basement
Room I.D.	(24) storage?

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
		→								No Access										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R3.
Floor	basement
Room I.D.	(25) stairwell.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								x	P-conc.										
	W								x	P-conc. (below grade)										
	W					x	x			above grade										
	C					x	x													
	O								x	1 HD										
	O								x	2 flu x 2 b (T12's)										

Paint: VS-R3-L3
VS-R3-L (spray on P-conc).
VS-R3- (trowel on doors)

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R3.
Floor	Basement
Room I.D.	(26) open area

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R3-S10	F			x						green										
	W					x	x													
	C					x	x													
	O								x	HW rads.										
	O								x	7 flo x 26 (T12's)										
	O								x	wood trim										
	P								x	uninsp'd pipes										
	O								x	1 HID.										
										Paint: VS-R3-L6 -> yellow/beige										
										VS-R3-L9 -> blue/purple on GB walls										
										VS-R3-L3 -> white GB ceiling										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R3
Floor	Basement
Room I.D.	(27) storage

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R3 - S10	F			X						- green.										
	W					X	X													
	C					X	X													
	O								X	1 HD										
	O								X	4 flo x 26 (TIZ'S)										
	O								X	1 HW rad.										
			Paint	VS-R3-L9						(purple/blue) on GIB										
				VS-R3-L3						(white on GIB ceiling)										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Residence three
Floor	Exterior
Room I.D.	Exterior

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								V	- ashpalt shingles (dark brown) - new shingles										
	W									- Vinyl siding (greyish)										
											1tE		bulbs							
										- Cement foundation - grey in colour										
										- 2 deck on SE side VS As RU Red										
										- Wood - skirting, red in colour										
										- white metal eaves/troughs / soffit / fascia										
										- Deck on W side VS as RU										
									Paint	- W on wood doors	R3-L11									
										R on wood trim / Fascia	R3-L12									
										G on poured concrete / wood found	R3-L10									
R3-S1 a-c									X	- Sample location on window 10 linear feet										
R3-S12 a-c									Sample	- Evidence of old transit sign										
R3-S13 a-c									Sample	- black felt house wrap by transit										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 3
Floor	Main
Room I.D.	Kitchen (28)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height
Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- white > VS-R3-L3										
	W					✓	✓			- white										
	F			✓						VS R3S1										
										x - 1 fridge / freezer										
										x - wood trim painted white VS R3-L3										
										x - electric baseboard										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	RES 3
Floor	
Room I.D.	Hallway (2a)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- white ~~✓~~ R3-C3										
	V					✓	✓			- white VS R3-C3										
	F			✓						VS R3 S1										
										x - 1 HE B										
										x - 1 thermostat not containing										
										d - wood door white										
										x - wood trim white VS-R3-L3										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 3
Floor	
Room I.D.	closet (30)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			VS R3 L3										
	W					✓	✓			SAA										
	F			✓						US R3 S1										
									x	wood trim yellow VS R3 L5										
									x	wood door VS-R3-L2										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 3
Floor	
Room I.D.	Bedroom 3

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- white VS R3 L3										
	W					✓	✓			- white										
	F			✓						- VS R3 S1										
										x - wood trim white VS R3 L2										
										x - 1 heat detector										
										x - wood door unfinished										
										- ceiling drywall is cracking										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 3
Floor	
Room I.D.	Bedroom (32)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- white VS R3 C3										
	W					✓	✓			- white VS R3 C3										
	F			✓						- VS R3 S1										
										- wood trim - white VS R3 C3										
										x - water rad										
										✓ - wood door white VS R3 C3										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
Environmental Services & Solutions

Building Information

Facility	
Building I.D.	Res 3
Floor	main
Room I.D.	closet (33)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height
Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			VS R3 L3										
	W					✓	✓			VS R3 L3										
	F			✓						VS R3 S1										
									x -	wood door yellow										
										- trim yellow										
										VS R3 L5										
										VS R3 L5										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 3
Floor	
Room I.D.	Bathroom 34

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C							X		- VS R3 S6										
	W					✓	✓			- white										
	F				✓					- VS R3 S2										
									X	1 sink										
									X	1 toilet										
									X	- 1 bath										
									X	1 HC B										
		Closet in bathroom																		
	C					✓	✓			yellow - VS-R3-L5										
	V					-	-			yellow										
	F				✓					VS R3 S2										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

Master List - Asbestos Samples

TRUE GRIT CONSULTING LTD
Environmental Services & Solutions

Facility	PF HS – R4	**Date**	23-Feb-17.
Project #	17-805-01		

	Sample ID	Description
✓	R4-S1a-c	12×12 white w blue specks. –
✓	R4-S2a-c	white stippled ceiling finish –
✓	R4-S3a-c	Green speckled VSF in WR. –
✓	R4-S4a-c	MJC on main floor –
✓	R4-S5 A-C	VFT, brown/grey –
✓	~~R4-S6a-c~~	~~MJC on basement level~~ – combine MJC's to 7 samples.
	R4-S7a-c	CT, 2×4 white dot + lrg fiss.
✓	R4-S8a-c	CT, 2×4 white dot + med fissure
✓	R4-S9a-c	grey asphalt shingles.
	R4-S10 A-C	under VFT on main floor (may not submit).

Master List - Lead Paints

11 Paints
3 lead check

TRUE GRIT CONSULTING LTD

Facility	PF HS R4
Project #	17-805-01
Date	

Sample ID	Room Number Sampled in	Colour of Top Layer (subsequent colours)	Substrate (eg. wood, metal)	Building Component (eg. trim, wall, door)	Result	Comments
R4-L1	1	beige / light brown	GB	walls		
R4-L2	1	beige / light brown	wood	trim.		
R4-L3		green	GB	walls.		
R4-L4		red	wood	doors		
R4-L5		blue	wood	doors		
R4-L6		green	wood	doors.		
R4-L7	2	green	metal	stalls	-ve	
R4-L8		black	wood	door.		
R4-L9		white	GB	walls.		
R4-L10		silver	solder	pipe	-ve	
R4-L11		white	wood	stairs.		
R4-L12		blue	wood	Panel		exterior
R4-L13		Red	wood	Deck		exterior
R4-L14		white	metal	[illegible]	-ve	exterior Lead check
						Negative

Stiple

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Residence 4
Floor	1st
Room I.D.	Kitchen (1)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R4-S4	W					X	X		X	- light brown in colour	✓									
R4-S1	F				X					- 12" tiles, white blue specs	✓									
R4-S2	C								X	- stiple ceiling white in colour	✓									
	W								X	wood panel tile finish										
	Trim								X	wood white and light brown in colour										
									X	- 1 mercury thermostat										
									X	- 1 stand up fridge/ Freezer										
									X	- 1 chest Freezer										
									X	- 2 T8 FI (1flo x 2b).										
									X	- 1 exterior door W in colour										
									X	- 1 emergency light										
						Paint - light brown R4-4														
						light brown/beige on wood trim = R4-L2														
R4-Slab	F								X	flooring below VFT (brown in colour).										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 4
Floor	1st
Room I.D.	Bathroom (2nd)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					X	X			- light brown in colour										
	W					Y	Y			SAME										
R4-S5	F			X						- green VSF (speckled)										
									X	- blue wood door										
									X	- 2 toilets										
									X	- 2 showers										
									X	- dehumidifier										
									X	- wood trim										
									X	- stalls green in colour R4-L7										
						Paint - WC				light brown VS-R4-L1										
										- door blue R4-L5										
										-> green metal stalls R4-L7 (-ve) LLC										
	O								X	1 flo x 1 b.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Rig 4
Floor	1st
Room I.D.	closet (3)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
RY-SY	C					X	X			- light brown in colour ✓										
	W					X	X			- SAA ✓										
RY-SK	F				X					- SA kitchen ✓										
									*	- boot stand wood black in colour										
									X	- wood trim light brown/beige										
									X	- wood trim W in colour										
								Paint		- light brown on shelves + walls.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 4/
Floor	1st
Room I.D.	Bedroom 1 (4)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R4-S4	W					x	x			- drywall green in colour ✓										
R4-S1	F				x					- SA kitchen ✓										
R4-S2	C								x	- stipple same in kitchen ✓										
									x	- wood doors red in colour										
									x	- wood trim W in colour										
									x	- 1 sink										
										Paint W - green										
										d - red										
	O								x	1 flo x 1b. (TS).										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 4
Floor	1st
Room I.D.	Bedroom # 2 (5)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R4-S2	C								x	staple ~~w~~ in colour ✓										
R4-S4	W					x	x			- green in colour ✓										
R4-S1	F				x					- SA kitchen ✓										
									x	- 2 sink										
									x	- wood trim ~~w~~ in colour										
									x	- wood door blue in colour										
							Pun 7		W-	green R4-L3										
									D-	blue R4-L5										
	D								x	1 ft x 1 ft.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	OFFice (6)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R4-S2	C								x	- staple ☺ in color ✓										
R4-S4	W					x	x			- light brown ✓										
[illegible]	F								x	carpet ✓										
									x	- 1 stand up Fridge/Freezer ✓										
									x	- wood trim										
									x	- wood door red in colour ✓										
									x	- 1 fluorescent (HE bulb)										
									x	- 1 fradecent										
								P	- w	light brown ✓ R4-L4										
									d	- red ✓ R4-L4										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	Bedroom #3 (7)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R4-S2	C								x	- staple ~ in colour ✓										
R4-S4	W					x	x			- green ✓										
R4-S1	F				x					- SA kitchen ✓										
									x	- wood trim ~ in colour										
									x	- 1 sink										
									x	- wood door red in colour										
									Paint -	W - green ✓ R4-L3										
										D - red ✓ R4-L4										
	O								x	1 flo x 25.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	Closet 2 (8)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R4-S4	C					x	x			- light brown ✓										
R4-S4	W					x	x			- light brown ✓										
	F								x	carpet - same as other ✓										
									x	- wood door blue on reverse ✓										
									x	- 1 fluorescent B (HE) ✓										
										Paint - W light brown ✓ R4-L1										
										- door blue ✓ R4-L5										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
Environmental Services & Solutions

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	Bedroom 4/ (9)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R4-S2	C								X	- stipple w in colour ✓										
R4-S4	W					X	X			- green ✓										
R4-S5	F				X					SA kitchen ✓										
									X	- wood door green in colour ✓										
									X	- 1 sink ✓										
									X	- wood trim w in colour										
									Paint	- w green ✓ R4-L5										
										d dark green ✓ R4-L6										
	O								X	1 flo x 1b.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	Hallway / kitchen (10)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R4-S2	C								X	- staple W in colour										
R4-S4	W					X	X			- light brown										
	V								X	- wood paneling Tile finish										
R4-S1	F				X					- SAA kitchen										
									X	- 1 smoke detector (Am 241).										
								Paint		- W light brown ✓ R4-L1										
										- beige/light brown wood trim ✓ R4-L2										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	Stairs going down stairs (11)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R4-S2	C								x	- Stipple w in colour ✓										
R4-S4	W					x	x			- light brown ✓										
R4-S1	F				R					- SP kitchen ✓ Lon stairs										
	W								x	Plywood on N wall										
					Paint		VS - R4 - L1													
							VS - R4 - L2.													

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	
Floor	2nd / basement
Room I.D.	Basement (12)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]									QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other	Comments		F	NF	E	G	F	P	C	V	A
	C								x	drop down acoustic tile ?										
	W					x	x			- W in colour ✓										
R4-S5	F				x					- brown / grey stone pattern (12x24)										
									x	trim W in colour										
									x	- 1 chest freezer ✓										
									a	- washer and dryer ✓										
									x	- 1 exterior metal door										
									P	- W - white										
									x	- 1 incadescent bulb										
										- 1 smoke detector (Am 241)										
R4-S7	C							X		- 2'x4' white, dot + lrg fissure	20.									
R4-S8	C							X		- 2'x4' white, dots medium fissure	~80									
				Paint: white GB.						- R4-L9										
				black on wood door. R4-L8																
				white wood stairs. R4-L11																
				→ white primer trim.																
	O								E	1 HRV unit.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	Closet (13)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	- Acoustic tiles										
R4-S4	W					x	x			- white ✓										
	F								x	carpet ✓										
									x	- 1 FE B ✓										
									x	- black door ✓										
								Paint		W- White - R4-L9										
										d- black - R4-L8										
R4-S8	C							x		2x4 wht dot + mud	~4									
	W								x	wood (OSB)										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	Closet (14)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								✓	Acoustic tiles										
R4-S4	W					x	x			- half finished / half not - light brown										
	F								x	carpet										
									✓	1 furnace ✓										
								Paint		~~W - light brown~~ unpainted										
R4-S8	C							x		2x4 white dot + mud fissure	nle									

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Residence 4
Floor	Basement
Room I.D.	Bedroom (15)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R4-S4	C								x	- acoustic tiles										
	W					x	x			- light brown ✓										
	F								x	- carpet ✓										
									x	- R HE B ✓										
									x	- wood trim ✓										
									x	- blue wood door ✓										
								Paint		- W light brown R4-L1										
										d - blue R4-L5										
R4-S8	C								x	2x4 wht dot + mold fissure	17									
	CS									→ ceiling space is wood beams + decking = moving + dust work										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	Mechanical Room (16)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	unfinished wood										
R4-S4	W					x	x			light brown R4-L1										
R4-S3	F			x						green - spotted (VS)										
	D								x	wood door red in colour - R4-L4										
									x	hot water tank (elec.)										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	Bathroom (17)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C									Acoustic tiles										
R4-S4	W					x	x			light brown in colour ✓ R4-L1										
R4-S5	F			Fa	x					SA in basement ✓										
									x	1 sink										
									x	1 HE B										
									x	1 shower										
									x	wood door blue in colour										
									Paint	- W light brown R4-L1										
										- d blue R4-L5										
	P								x	copper pipe LC → (-ve) L5 unins ulated										
R4-S7	C							x		2x4 white drop leg tiles	4									

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	Pelican Falls
Building I.D.	R4
Floor	ext
Room I.D.	Exterior

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	W								+	vinyl siding										
R4-S9a-c	√								+	asphalt shingles										
	O								+	white metal soffit + fascia										
										R4-L12 = blue on ~~sand~~ plywood on ext of building										
										R4-L13 = red on wood deck										
										R4-L14 = white on metal soffit + fascia										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

Master List - Asbestos Samples

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Facility	PF HS	**Date**	
Project #	17-805-01		

	Sample ID	Description
✓	MG-S1a-e	- MJC in maintenance garage.
✓	MG-S2a-c	- Asphalt shingles (Shed 2)
✓	MG-S3a-c	- beige tile pattern VSF (Shed 2).
✓	MG-S4a-c	- Asphalt shingles. (Shed 3)

Master List - Lead Paints

TRUE GRIT CONSULTING LTD

Facility	PF HS
Date	
Project #	17-805-01

	Sample ID	Room Number Sampled in	Colour of Top Layer (subsequent colours)	Substrate (eg. wood, metal)	Building Component (eg. trim, wall, door)	Result	Comments
✓	MG-L1	1	white	GIB	wall/ceiling		
✓	MG-L2	1	brown	wood	trim/cabinets		
✓	MG-L3	1	white	metal	Door	-ve	LC
✓	MG-L4	2	grey	P-conc.	floor.		
✓	MG-L5	3	silver	pipe solder	pipe	tve.	
✓	MG-L6	ext	white	wood/vinyl	fascia/siding		
✓	MG-L7	Shed 1	Brown	metal	fascia.	-ve	LC
✓	MG-L8	Shed 2	grey	metal	door.		
✓	MG-L9	Shed 2	blue	wood	siding		
✓	MG-L10	Shed 2	white	metal	Fascia	-ve	LC
✓	MG-L11	Shed 3	red	wood	siding.		

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	Pelican Falls
Building I.D.	Maintenance Garage
Floor	Main
Room I.D.	① garage.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date: 22-Feb-17
Assessor: MKS / JA

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								x	P-conc.										
MG-S1a,b	W					x	x			all walls										
	W								x	Plywood (lower 4' of wall over GB) (wainscott).										
MG-S1c	C					x	x													
	O								x	fuel oil fired furnace										
	O								x	insulated duct work										
	O								x	wood cabinets.										
	O								x	5 flo x 2 b (T12's)										
	O								x	2 flo x 2 b (T8's)										
	O								x	1 Hg containing thermostat										
	O								x	1 stand emerg light + batt.										
	O								x	stand cans of paint										
			Paint:			MG-L1 = white on GB. ✓														
						MG-L2 = brown on wood cabinets & trim ✓														
						MG-L3 = white metal door (-ve) (LC)														

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Maintenance garage.
Floor	main
Room I.D.	(2) storage.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date: 22-Feb-17
Assessor: MB / JA

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								x	P-conc.										
MG-Sld, e. w						x	x													
	C					x	x													
	O								x	1 flo x2b (T12's.										
	O								x	1 therm (non-Hg)										
	O								x	stand flo bulbs (T8+T12).										
										Paint: MG-L4 = grey on P-conc floor.										
										VSMG-L1										
										VSMG-L2										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Maintenance Garage.
Floor	Main
Room I.D.	WR (3)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date: 22-Feb-17
Assessor: MB.

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								X	P-conc -										
	W					X	X													
	C					X	X													
	O								X	exhaust Fan.										
	O								X	1 flo x 2 b (T8's)										
				Paint		VS MG-L1														
						VS MG-L2														
						VS MG-L4.														
						MG-L5=				solder on copper pipe (+ve) LC										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	MG.
Floor	main
Room I.D.	ext.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date: 22-Feb-17
Assessor: MB / JA.

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	W								X	vinyl siding										
	R								X	asphalt shingles (newer)										
	O								X	metal fascia										
										not accessible.										
										Paint: MG-L6 white on siding + wood trim.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	M G .
Floor	main
Room I.D.	shed 1

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
		int.																		
	W								+	wood										
	F								+	wood.										
	C								+	wood.										
	O								+	metal garage door.										
	D								+	hollow metal door.										
		ext																		
	W								=	vinyl siding.										
	R								+	shingles (over).										
		Paint: MG-L7 - Brown metal soff it + fascia.																		

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	MG
Floor	
Room I.D.	shed 2

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
		int:								1										
MG S2a-c	F			x						beige tile pattern - unfinished										
	W						x			unfinished										
	C						x			kiln.										
	O								x											
					ext															
	W								x	wood siding										
	O								x	hollow metal door										
	O								x	metal soffit / fascia										
MG S2a-c	R								x	asphalt shingles										
		Paint:																		
		blue on wood siding = MG-L9																		
		white metal fascia = MG-L10, LC																		
		grey metal door = MG-L8																		

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
Environmental Services & Solutions

Building Information

Facility	
Building I.D.	MG
Floor	main
Room I.D.	shed 3.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
			int:																	
	F								x	wood.										
	W						x			- unfinished										
	W						x			unfinished										
			ext.																	
	W								x	wood.										
MG-Shed	R								x	asphalt shingles										
			Paint: MG-LII =							shed on wood siding										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

Master List - Asbestos Samples

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Facility	PF HS	**Date**	22-Feb-17
Project #	17-805-01	- Residence 1	

Sample ID	Description
R1-S1a-c	12x12 white to grey & brown specks.
R1-S2a-g	MUD from Gypsum board
R1-S3a-c	Green speckled VSF

Master List - Lead Paints

TRUE GRIT CONSULTING LTD

Facility	PF HS Residencel	**Date**	22-Feb-17
Project #	17-805-01		

Sample ID	Room Number Sampled in	Colour of Top Layer (subsequent colours)	Substrate (eg. wood, metal)	Building Component (eg. trim, wall, door)	Result	Comments
R1-L1	#1	white	wood	trim/panel/shelf.		
R1-L2	#1	white	GB	walls/ceiling		
R1-L3	#2	Red	wood	door		
R1-L4	Closet A	light grey	GB	walls		
R1-L5	closet A	grey	wood	trim		
R1-L6	6	green	wood	door		
R1-L7	7	orange	wood	door		
R1-L8	8	yellow	wood/GB	pantry		
R1-L9	11	silver	solder	pipe	+ve	
R1-L10	12	navy blue	metal	D+F		
R1-L11	ext	white	metal	fascia	-ve	
R1-L12	ext	white	wood	trim		
R1-L13	ext	white	metal	door	-ve.	

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	Pelican Falls
Building I.D.	Residence
Floor	main
Room I.D.	① Bedroom.

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	22-Feb-17
Assessor:	MB.

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R1-S1a	C				X					white w grey + brown specks (12x12)										
R1-S2a	W					X	X			all walls.										
	W								X	wood fibre board, lower 4' of N, W, S walls.										
	W								X	wood panelling on upper 4' of N, W, S walls.										
	O								X	wood trim + shelves.										
VS-R1-S2	C					X	X													
				Paint:																
				R1-L1 = white on wood panelling + trim																
				R1-L2 = white on GB walls + ceiling																
	O								X	1 flo x 1 b (abs sink) → looks old										
		NOTE: throughout house it walls + ceiling under								looks like GB is on all wood panelling.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R1
Floor	main
Room I.D.	(2) bedroom

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R1-S1b	P				X															
R1-S2b	W					X	X			all walls										
	W								X	wood fibre brd (4') N, E, S										
	W								X	wood panel (4') N, E, S,										
	O								X	wood trim + shelves										
	C					X	X													
	O								X	1 flo x 1 b over sink										
										Paint VS - R1 - L1										
										VS - R1 - L2										
										R1 - L3 = Red on wood door.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R1
Floor	main
Room I.D.	(3) WR. (4) WR.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R1-S3	F			X						Green-speckled										
	W					X	X			all										
	C					X	X													
	0								X	sink, toilet, bath tub										
	0								X	exhaust fan										
	0								X	wood trim										
			Paint:	VS-R1-L1 - back trim -																
				R1-L4 = light grey on GB walls.																
				R1-L5 = grey on wood trim. (door).																
				VS-R1-L2 on GB ceiling																
			->	washroom 3+4 are						same, only mirrored.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	
Floor	main.
Room I.D.	(5) entrance + hallway + stair well

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R1-S1b	F				X					white to grey + brown specks.										
R1-S2	W					X	X			all walls.										
-c	W								X	wood fibreboard (4') N, W, S										
	W								X	wood panel (4') N, W, S)										
	o								X	wood trim.										
R1-S2	c					X	X													
	o								1	1 floor 2b (T8 or 12)										
	o								X	2 for HE bulbs.										
	o								X	ISD. (Am 241)										
	o								X	1 emerg light = batt.										
				Paint:		VS-R1-L1														
						VS-R1-L2														
						VS-R1-L4				- in closets.										
						VS-R1-L5				- in closets										
	o								X	1 therm (non-flg)										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R1
Floor	main
Room I.D.	(6) bedroom.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
VS-R1-S1	F				x															
	W					x	x			under panelling, all ma/is.										
	W								x	wood fibre (4') N, W, S										
	W								x	wood panelling (4') N, W, S										
	C					x	x													
	O								x	1 flo over sink (1b).										
										Paint:										
										VS-R1-L1										
										VS-R1-L2										
										R1-L1&2 = green on wood door.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R1-
Floor	main
Room I.D.	(7) Bedroom.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
VS-R1-61	F				X															
R1-S2	W					X	X			- all walls under panelling										
	W								X	wood fibre bord (4') N E S										
	W								X	wood panneling (4') N, E, S										
R1-S2	C					X	X													
	O								X	HE bulbs x2										
	O								X	1 flo x 1 b (above sink)										
										Paint:										
										VS-R1-L1										
										VS-R1-L2										
										R1-L7 = orange on wood door										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R1
Floor	main
Room I.D.	kitchen (8)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R1-S1a	F				x					12x12 White										
	W					x	x													
	C					x	x													
	O								x	2 flo x 2b (T12) (non-PCB)										
	W								x	wood panel (tile pattern) behind kitchen cabinets										
	O								x	1 fridge										
	O								x	HE bulbs -										
										Paint: VS-R1-L2										
										R1-L8 = yellow on GWB + wood in pantry										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R1
Floor	Basement
Room I.D.	Main area (9)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R1-S3	F			X																
	W					X	X			all										
	C					X	X			all										
	G								X	wood trim.										
	G								X	5 flo x 2b (T8's).										
	O								X	1 emerg light.										
	O								X	1 SD (Am 241)										
										Paint: VS-R1-L1										
										VS-R1-L2										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R1
Floor	Basement
Room I.D.	cold room (CR)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								X	P-cone										
	W								X	P-cone.										
	C								X	P-cone.										
			L> under front porch.																	
										Paint: VS-R1-LH VS-R1-LC										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R1
Floor	Basement
Room I.D.	(11) mech-room.

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R1-S3	F																			
	W					x	x			- all										
	C					x	x			all										
	O								x	1 HRV										
	O								x	1 fuel oil fired furnace.										
	O								x	1 elec. HWT.										
	O								x	unions duct work.										
	O								x	(flo x 2 b-T 8's										
										Paint: VS-R1-L2 (GB wall/ceiling)										
										VS-R1-L1 wall trim.										
										R1-L9 = solder on water lines.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R1
Floor	Basement
Room I.D.	Storage (2)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R1-S3	F			X																
	W					X	X													
	C					X	X													
	O								X	1 flo x 2b (TE's)										
	O								X	1 HE bulb.										
	O								X	2 stand up fridges										
	O								X	1 chest freezer.										
										Paint: VS-R1-L2										
										VS-R1-L5 on wood trim.										
										R1-L10 = navy blue on metal door.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R1
Floor	Basement
Room I.D.	WR (13)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
VS-R1-SB 1				X																
	W					X	X													
	C					X	X													
	O									X exhaust fan.										
										Paint: VS-R1-L2										
										VS-R1-L5										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R1
Floor	Basement
Room I.D.	(1D) bedroom.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R1-S3	F			x																
	W					x	x													
	C					x	x													
	O								x	1 HE light.										
										Paint: VSR1-L2										
										VS-R1-L5 (on closet doors + trim).										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R1
Floor	Basement
Room I.D.	(15) bedroom.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R1-S3	F			X																
	W					X	X													
	C					X	X													
	O								X	mini Fridge.										
										Paint: VS-R1-L2										
										VS-R1-L5										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R1
Floor	Attic
Room I.D.	Attic

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
										Insulation sprayed in over hatch, not accessible.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R
Floor	exterior
Room I.D.	exterior.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	W								X	vinyl siding										
	W								X	corr. metal (small amount)										
	O								X	metal eaves & downspouts										
	R								X	asphalt shingles (uneven)										
	O								X	exterior access to attic. not accessible										
	O																			
	O								X	fuel oil tank.										
	O								X	old wood siding observed behind vinyl siding.										
										Paint: white on metal soffit / fascia eaves / trim (LC) (+ve) white on ext wood trim. white on ext metal door (LC) (+ve)										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

425+120

Master List - Asbestos Samples

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Facility	PF HS R2	**Date**	22-Feb-17.
Project #	17-805-01		

Sample ID	Description
R2-S1 A-C	VFT 12x12 brown stone pattern
R2-S2 A-C	VSF green speckled
R2-S3 A-C	VSF in Mechanical room and storage room
R2-S4 A-C	VSF beige coloured ?

FLOOR PLAN IS SAME AS R1

TRUE GRIT CONSULTING LTD

Master List - Lead Paints

Facility	PF HS R2	**Date**	22-Feb-17
Project #	17-805-01		

Sample ID	Room Number Sampled in	Colour of Top Layer (subsequent colours)	Substrate (eg. wood, metal)	Building Component (eg. trim, wall, door)	Result	Comments
R2-L1	1	blue	wood	door		

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R2.
Floor	Main
Room I.D.	(1) bedroom.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R2-S1a	F				X					12x12 brown stone pattern										
	W								X	Vis to R1 (1)										
VS-R1-S2	C					X	X			Vis to R1 (1)										
										→ Room is same as R1										
					Paint:															
					VS-R1-L1															
					VS-R1-L2															
					R2-L1 = blue on wood door															

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R2
Floor	main
Room I.D.	Bedroom (2)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R2-S1	F				X					12x12 brown										
	W								X	Vis to R1										
	C					X	X		X	Vis to R1										
			Paint.		VS-R1-L1															
					VS-R1-L2															
					VS-R1 - green on wood door.															

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R2
Floor	main
Room I.D.	WR's (3) + (4).

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R2-S3	F			X																
	W					X	X			VS to R1										
	C					X	X			VS to R1										
										→ VS to R1										
			Paint:	VS-R1-L4																
				VS-R1-L5																
				VS-R1-L2																

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R2
Floor	main
Room I.D.	entrance/ stairs/ foyer. (5)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R2-S1	F				X					12 x 12 brown										
	W					X	X		X	→ VIS to R1										
	C					X	X			→ VIS to R1.										
	O								X	1 energy light										
	O								X	2 SD. Am241										
	O								X	1 HE bulb.										
	O								X	2 flo x 2b										
	O								X	1 thrm.										
R2-S4	F			X	X					→ flooring below brown tile. is beige coloured.										
				Paint: VS-R1-L1																
				VS-R1-L2																

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R2
Floor	Main
Room I.D.	Bedroom (1)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R2-S1	F				✓															
	W					+	✓		+	→ vis to R1										
	C					+	✓			→ vis to R1										
										→ room is same as R1										
										Paint: VS-R1-L1										
										VS-R1-L2										
										VS-R1-orange on wood door.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R2
Floor	main
Room I.D.	Bedroom (7)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R2-S1	F				X															
	W					x	x		x	→ vis to R1										
	C					x	x			→ vis to R1										
										→ room vis to R1										
			Paint:		VS-R1-L1															
					VS-R1-L2															
					VS-R1-L3					(mud in wood door)										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R2
Floor	main
Room I.D.	kitchen (8)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R2-S2	ceil			x						→ green speckled										
	W					x	x			→ vis R1										
	C					x	x			vis R1										
	O								x	2 flo x 2 b - (T12's										
	O								x	2 flo x 2 b (T8's)										
	O								x	1 fridge.										
	W								x	wood panel (tile pattern) around sink										

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R2
Floor	Basement
Room I.D.	(97) open area

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R2-S3	F			X						beige w brown streaks.										
	W					X	X			→ vis to R1										
	C					X	X			→ vis to R1										
	6								X	1 CO alarm.										
	0								X	1 emerg light w batt										
	0								X	5 flo w 2b (T12's)										
	0								X	1 chest freezer										
			Paint:			VS-R1-L1														
						VS-R1-L2														

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R2
Floor	Basement
Room I.D.	cold room (10)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								X	P-cone										
	W								X	P-cone.										
	C								X	P-cone.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R2
Floor	- Basement
Room I.D.	(11) mech - room.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R2-S3ab	F			X																
	W					X				→ VIS to R1										
	C					X	X			→ VIS to R1										
	O								X	FIRV										
	O								X	fuel oil furnace.										
	O								X	elect HWT										

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R2
Floor	Basement
Room I.D.	storage (R2)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R2-S3c	F			X																
	W					X	X			→ vis to R1										
	C					X	X			→ vis to R1										
	G								X	2 fridges										
	O								+	1 chest freezer										
					Paint															
					VS-R1-L1															
					VS-R1-L2															
	O								X	1 SD = Photo electric										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R2
Floor	Basement
Room I.D.	WR (TS)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R2-S3	F			X																
	W					X	X			→ VS to R1										
	C					X	X			→ VS to R1										
					paint.		VS-R1-L4													
							VS-R1-L5													

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R2
Floor	Basement
Room I.D.	(14) bedroom.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R2-S3	F			X																
	W					X	X			→ vis R1										
	C					X	X			→ vis R1.										
	O								X	1 HE bulb										
										Paint: VS-R1-L1										
										VS-R1-L2										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R2
Floor	Basement
Room I.D.	(15) bedroom

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R2-53	F			X																
	W					X	X			→ VIS R1										
	C					X	X			→ VIS R1										
	6								X	1 HE bulb.										
			Paint. VS - R1 - L2.																	

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R2
Floor	ext
Room I.D.	ext

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
										→ VIS to R1										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

Master List - Asbestos Samples

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Facility	PF HS	R7	**Date** 24-Feb-17
Project #	17-805-01		

Sample ID	Description
R7-S1a-c	12×12 VFT, white w blue flecks
R7-S2a-c	12×12 VFT white w blue streaks
R7-S3a-e	stippled ceiling finish
R7-S4a-e	MJC from main floor
R7-S5a-c	green VSF w speckles
~~R7-S6 A-C~~	~~MJC basement~~
R7-S7 A-C	2×4 white small dot + fissures
R7 S8 A-C	Asphalt shingles dark brown

combine

Master List - Lead Paints

TRUE GRIT CONSULTING LTD

Facility	PF HS	R7	Date	24-Feb-17
Project #	17-805-01			

	Sample ID	Room Number Sampled in	Colour of Top Layer (subsequent colours)	Substrate (eg. wood, metal)	Building Component (eg. trim, wall, door)	Result	Comments
✓	R7-L11	1	light beige	GB	wall		
✓	R7-L2	1	white	metal	door		
✓	R7-L3	2	red	wood	door		
✓	R7-L4	2	light blue	GB	wall		
✓	R7-L5	3	teal	wood	door		
✓	R7-L6	4	dark blue	wood	door		
✓	R7-L7	5	white	GB	wall		
✓	R7-L8	5	light blue	steel/GB	door/wall		
✓	R7-L9	(6)	orange	wood	door		
✓	R7-L10	7	dark brige	metal	stalls		
✓	R7-L11	11	Yellow	wood/gyb	walls.		
✓	R7-L12	11	Green	wood	door.		
	R7-L13	12	silver	pipe	solder	-VE	L C
✓	R7-L14	11	dark brown	wood	Stand		

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 7
Floor	Main
Room I.D.	Kitchen (1)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R7-S3	C								x	- 5 tiple white										
R7-S4	W					✓	✓			- full wall drywall light beige										
R7-S1	F				✓					- 12x12 white & blue flex										
	O								x	- 1 fridge/freezer										
	O								x	- 1 emergency light										
	O								x	- 4 HE B										
	O								x	- wood trim - water damage baseboard										
									x	- Exterior door metal white										
										Paint -										
										W - light beige R7-L1										
										D - white R7-L2										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 7
Floor	Main
Room I.D.	Bedroom (2)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	Stipple white - Section had new stipple										
	W					✓	✓			tight blue										
R7-S2	F				✓					12x12 white blue lines										
									x	1 sink										
									x	1 HE B										
									x	wood trim (primed)										
									x	wood door red										
										Paint D - red										
										W - light blue										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 7
Floor	main
Room I.D.	Bedroom (3)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	- stipple white										
VS-	W					✓	✓			- VSC as room 2										
	F				✓					- SA room 2										
									x	- wood trim white										
									x	- 1 HE B										
									x	- 1 Fl Fixture										
									x	- 1 sink										
									x	wood door teal										
										Paint - D teal										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
Environmental Services & Solutions

Building Information

Facility	
Building I.D.	Res 7
Floor	Main
Room I.D.	Bedroom (4)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	- staple										
	W					✓	✓			- VS as room 2										
	F				✓					- VS as room 2										
									x	- wood door dark bhc										
									x	- sink										
									x	- wood trim (pine)										
										Paint - D - dark bhc										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 7
Floor	main
Room I.D.	office (5)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	staple white (partial drywall)										
	W					x	x			- white										
	F								x	carpet										
									x	fridge/freezer										
									x	2 HE B										
									x	wood trim										
									x	steel door blue										
										Paint W - white										
										d - blue										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Rcs 7
Floor	main
Room I.D.	Bedroom (6)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								X	- stipple white										
	W					✓	✓			- VS room 2										
	F				✓					- VS room 2										
									X	- wood trim (primed)										
									X	- sink										
									X	- wood door orange										
										Paint D orange										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 2
Floor	main
Room I.D.	Bathroom (5)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			white										
R7-S5	W F			✓	✓	✓	✓			VS as door on room 5 - green										
									x	2 sinks										
									x	2 toilets										
									x	2 showers										
									x	1 FL fixture 2B										
									x	wood door dark brn										
									x	Stalls dark beige										
										Paint Stalls - dark beige D - blue										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 7
Floor	main
Room I.D.	Closet (8)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- light beige										
	W					✓	✓			- light beige										
	F				✓					- US as kitchen										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 7
Floor	main
Room I.D.	Kitchen / hallway (9)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								X	- staple white										
	W					✓	✓			- light beige										
	F				✓					VS As kitchen S side										
	F				✓					VS As room 2 N side										
									X	- 2 smoke detectors AM 241										
									X	- 1 thermostat does not contain mercury										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 7
Floor	main to basement
Room I.D.	stairway (10)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height
Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	staple white										
	W					✓	✓			light beige										
	F				✓					VS as room 2										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 7
Floor	Basement
Room I.D.	Main area (91)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R7-57	C							X		4x2 slight water damage (white dot fisher)										
	W					✓	—			white										
	F								x	carpet										
									x	wood trim										
									x	1 chest freezer										
									x	1 stand up freezer										
	W					✓	✓			North wall yellow										
									x	3F/ Fixtures										
									x	1 H2B										
									x	Exterior door white										
									x	2 smoke detectors Am 241										
										Paint W- white										
										W- yellow										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 7
Floor	Basement
Room I.D.	Bedroom (12)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R7-57	C							x		4x2 - slight water damage										
	W					✓	✓			white										
	F								1	carpet										
									x	wood trim painted white										
									X	4 T12's IFI fixture NO PCBS										
									x	wood door white										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 7
Floor	Basement
Room I.D.	Mechanical Room (13)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C									unfinished										
	W					✓	✓			beige										
	F			✓	✓					green										
									x	hot water tank										
									x	1 11K B										
									x	wood door Red										
								Paint		- Red										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 7
Floor	Basement
Room I.D.	Bathroom (19)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R7-57	C							X		2 x 4 VS as basement										
	W					✓	✓			- beige										
	F			✓						- green										
									X	- wood trim										
									X	1 sink										
									X	1 toilet										
									X	1 shower										
									X	Wood door blue										
										Paint D- blue										
										W - beige										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 7
Floor	Basement
Room I.D.	Laundry, Outlet (15)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	- unfinished										
	W					✓	✓			- white										
	F			✓						VS as room 14										
									x	- air exchange unit										
									x	1 washer										
									x	1 dryer										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 7
Floor	Basement
Room I.D.	Mech Room 2 (16)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C																			
RT-4	W					✓	✓			- 2x4 VS as basement										
	F									- beige										
									x	carpet										
									x	1 thermostat not containing Mercury										
									x	1 HE b										
									x	1 Wood door green										
										Paints A - green										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 7
Floor	Basement
Room I.D.	Mech R 3 (17)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C							X		2 x 4 US as Basement										
	W						✓			- unfinished										
	F								X	Carpet										
									X	- 1 furnace										
									X	- 1 wood door										
									X	- 1 HE B										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 7
Floor	Exterior
Room I.D.	Exterior

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R7-S8	C								X	Asphalt shingles										
	W								X	Vinyl siding blue										
	F								X	wood foundation										
									X	wood door on SW side VS a R6 SA1 but on N side										
										South side have old door hatch scrpes										
									X	Eaves, fascias and fence - white metal										
										Rigid Insulation										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

Master List - Asbestos Samples

TRUE GRIT CONSULTING LTD

Facility	PF HS	Res 8	**Date**	Feb 24
Project #	17-805-01			

Sample ID	Description
S1 A-C	12 x 24 VFT grey/brown/black

Master List - Lead Paints

TRUE GRIT CONSULTING LTD

Facility	PF HS Res 8	**Date**	Feb 24
Project #	17-805-01		

Sample ID	Room Number Sampled in	Colour of Top Layer (subsequent colours)	Substrate (eg. wood, metal)	Building Component (eg. trim, wall, door)	Result	Comments
R8-L1		blue	metal	Bathroom	Stalls	

TRUE GRIT ENGINEERING
1263 Innovation Drive,
Thunder Bay, ON P7B 0A2

DATE: ..... PROJECT NO. .....
DESIGNED BY: ..... CHECKED BY: .....
PROJECT: Pelican Falls Residence 6
CLIENT: .....

R9 - layout is visualy similar to R7.

R-8. - layout is mirror of R7.

① kitchen
→ Hg therm
→ MJC W stippled ceilng.
→ matrials VS to R9 (VSF floor). (R7-S5)
→ 1 energy batt
Paint: VS light beige.

R9/R8

② bdroom (SW corner)
→ VS to R7 (W/C)
F = VS-R7-S1
Paint: - green door
- light blue wall (VS-R7-L4)

③ bdroom (SE corner)
→ VS to R7 (W/C)
F = VS-R7-S1
Paint: blue door
- VS-R7-L4 on walls.

(other) → closet @ S end off hallway.
→ W/C = GB in MJC (1 HE bulb).
F = VS-R7-S1
Paint = VS-R7-L7
VS - green + black paint on door.

④ office → VS to R7.
→ W/C = VS R7
F = carpet - 1HE bulb.
o = ODG fridge.
Paint: VS-R7-L1
Paint VS-R7-L8 (D+F).

⑤ Bedroom → VS to R7
→ W/C = VS R7
F = VS-R7-S1
Paint: VS R7-L4 + green on door.

TRUE GRIT ENGINEERING
1263 Innovation Drive,
Thunder Bay, ON P7B 0A2

DATE: ..... PROJECT NO. |_|_|_|_|_|_|
DESIGNED BY: ..... CHECKED BY: .....
PROJECT: .....
CLIENT: ..... Residence 8
.....

R8: (6) Bdroom (NE corner)
W/C = VS to R7
F = VS-R7-S1
Paint = VS-R7-L4
-> red deer

(7) WR (NW corner)
W/C = VS to R7
F = VS to R7 (VSF)
Paint = white on GB (VS R7)
steels = teal on metal (R8-L1)
-> mould observed on GB in corners.

(8) -> shoe closet / storage.
-> VIS to R7
-> F = VS-R7-S1

(9) hallways -> VIS R7 (Paint / materials)
F = VS-R7-S1 (both sides).

(10) stairwell -> VS to R7 (Paint / materials)
F = VS-R7-S1

(11) Basement open area:
F = 12x24 grey/brown/black VFT = R8-S1a-c
W = MJC / GB. -> only one SD (Am 7.4)
C = CT, VIS to R7.

(12) bedroom:
F = VS - R8-S1
W/C = VIS to R7 (CT + GB).

(13) HWT closet
F = wood. a = unfinished wood decking + joists.
HWT
W = GB + MJC
Paint = white on GB + Red on wood deer.

(14) washroom:
VIS to R7 (W/F/C)

(15) Laundry area = VIS to R7 (W/F/C)

TRUE GRIT ENGINEERING
1263 Innovation Drive,
Thunder Bay, ON P7B 0A2

DATE: .....
DESIGNED BY: .....
PROJECT: .....
PROJECT NO. | | | | |
CHECKED BY: .....

CLIENT: .....
Residence 8

(16) storage room → F = V5 - R8 - S1
W/C = V16 to R7

(17) mech/furnace.
F/W/C = V16 to R7
F = carpet/wood sub.

} part = V6 to white on CVB.

Ext: V16 to R7 + R9.
↳ new shingles.

9

TRUE GRIT CONSULTING LTD

Master List - Lead Paints

Facility	PF HS Res 9	Date	Feb 24
Project #	17-805-01		

Sample ID	Room Number Sampled in	Colour of Top Layer (subsequent colours)	Substrate (eg. wood, metal)	Building Component (eg. trim, wall, door)	Result	Comments
✓ R9-L1	2	Purple	GWB	wall		
✓ R9-L2	7	Black	wood	door		
✓ R9-L3	11	Red/brown	wood	cabinets		

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 9
Floor	Main
Room I.D.	Kitchen (1)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	Stipple white VSR7-53										
	W					✓	✓			beige VS R7-41										
	F			✓						green VS R7-55										
									x	1 FI light fixture										
									x	1 Emergency light										
									x	1 fridge/freezer										
									x	1 fridge										
									x	wood trim										
									x	1 exterior door white VSR7 L2										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 9
Floor	main
Room I.D.	Bedroom (2)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	visually similar to R7										
	W									- VSR7 S1										
	F				✓					- 1 sink										
										- 1 Fl fixture										
								CT	Paint	D - red VSR7 S3										
										W - purple R9-L1										

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R9
Floor	main
Room I.D.	Bedroom (3)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C W F									[VS Room 2 - wood door blue - wood trime (painted) - 1 sink - 1 Fl fixt										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	Room (4) office

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								x	- carpet										
	W					x	x													
	C								x	stippled										
					Paint: VS					white on GB.										
			→ everything		else					VS to R7										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 9
Floor	main
Room I.D.	Bedroom (5)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C									[US room 2										
	W									- wood door red										
	F									- 1 sink										
										- 1 fl fixture										
										- wood trim										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	Bedroom (6)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C									[VS room 2										
	W									15.nn										
	F									1 Fl fixture										
										wood door system										
										wood trim (painted										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	Bathroom (7)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			white										
	W					✓	✓			white										
	F			✓						SA kitchen										
										2 sinks										
										2 Fl fixtures										
										2 toilets										
										2 showers										
										wood doors black										
										Paint R9-L2 black doors										
										stalls VSR7-L10										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 9
Floor	Main
Room I.D.	Closet (5)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- white										
	W					✓	✓			- wood board over drywall 4'										
	F				✓					- 5A Bedrooms										
										Paint beige										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 9
Floor	Basement
Room I.D.	(9) Kitchen / hallway

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F				✓					- VS R7 - S1										
	C								x	St pic										
	W					✓	✓			- beige wood panel finish										
										VS R7 L1										
									x	- mercury thermo										
									x	- 2 smoke detectors Am 241										
										- Exterior door on S side										
		Closet on S end of hallway																		
	F	1							x	carpet										
	W					x	x													
	C					<	x													
	O								x	1 tile bulb										
		Paint VS white on GB																		

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 9
Floor	Basement
Room I.D.	Stairway (10)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C									VS R7 - beige										
	W									VS R2										
	F				✓					VSR7 S1										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R9
Floor	Basement
Room I.D.	Main room (1)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C							x		2x4 VS R7 S7 - slight water damage										
	W					✓	✓			- white VS R7 L7										
	F								x	carpet										
									x	- wood trim										
									x	- Exterior Door VS R7-L2										
									x	- 2 smoke detectors Am 241										
									x	- 2 Fl light fixture										
									x	- 2 HE B										
									x	- 2 chest Freezers										
										R9-C3 red brown wood cabinets										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Rm a
Floor	Basement
Room I.D.	Bedroom (2)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F W C O					T V			+ cmpt. + VIS to R7 + wiring duct work	VS R7 Paint: VS white on GIB.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 9
Floor	Basement
Room I.D.	Mech 1 (13)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
										VS R7										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	
Floor	Basement
Room I.D.	Bathroom (2)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height
Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
										VS to R7 - slight water damage on CT										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 9
Floor	Basement
Room I.D.	Laundry (15)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
										VS R7										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R9 Basement
Floor	
Room I.D.	mech 2 (16)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
										VS R7										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R9
Floor	Basement
Room I.D.	mech 3 (17)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
										US R7										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R9
Floor	Exterior
Room I.D.	

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
										US to R7 deck red paint DSR4 Exterior attic hatch newer shingles										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

Master List - Asbestos Samples

TRUE GRIT CONSULTING LTD

Facility	PF HS RS	**Date**	23-Feb-17
Project #	17-805-01		

Sample ID	Description
RS-S1a-c	12x24 brown stone pattern VFT. -
RS-S2a-e	MJC on main floor. -
RS-S3a-c	beige tile pattern VGF in closet. -
RS-S4 A-C	VFT in stairway blue white specs (12x12) -
RS-S5 A-C	VFT in Bathrooms, 12x12, white w blue specks -
RS-S6 A-C	CT, 2x4, white dot + fissure -
~~RS-S7a-c~~	~~MJC in the basement.~~ -

combine

Master List - Lead Paints

TRUE GRIT CONSULTING LTD

Facility	PF HS	R5	Date	25-Feb-17
Project #	17-805-01			

Sample ID	Room Number Sampled in	Colour of Top Layer (subsequent colours)	Substrate (eg. wood, metal)	Building Component (eg. trim, wall, door)	Result	Comments
R5-L1		light brown	GB	wall		
R5-L2		white	GB	ceiling/wall		
R5-L3		blush	GB	wall		
R5-L4		light blue	GB	wall		
R5-L5		green	wood	door		
R5-L6		blue	wood	door		
R5-L7		red	wood	door		→ NOT LEAD
R5-L8		orange	wood	door		→ NOT LEAD
R5-L9		teal	wood	shelves		
R5-L10		Yellow	GB	walls		
R5-L11		white	metal	door	-ve	Lead check (-)
R5-L12		silver	SAnder	pipes in mR	-ve	Lead check (-)
R5-L13		white	metal	soffit/fascia	-ve	LC

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Residence 5
Floor	Main
Room I.D.	Kitchen (1)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	23-Feb-17
Assessor:	MB/JA

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F				✓					- brown 24"x12"										
	W					✓	✓			- light brown										
	C					✓	✓			- white										
									X	- Chest freezer										
									X	2 fridge/freezer (2)										
									X	- 4 fl light fixtures x 2b.										
									X	- emergency light w batt.										
									X	- 1 thermostat not containing mercury										
									X	- wood trim (primed)										
									X	- Air exchange										
										Paints - W light brown										
										- C white										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Residence 5
Floor	Main
Room I.D.	Bedroom 2

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	23-Feb-17
Assessor:	MB/SA

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- white										
	W					✓	✓			- blush in colour										
	F				✓					- SA kitchen										
										x - 2 light fixtures (1 flc x 16)										
										x - trim white										
										x - 1 sink										
										x - door green										
										x - Closet stand teal										
										Paint C - white										
										W - blush										
										D - green										
										Closet stand teal										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 5
Floor	main
Room I.D.	closet (3)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			white										
	W					✓	✓			white										
	F				✓					SA kitchen										
									Paint	C - white										
										W - white										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Reg 5
Floor	main
Room I.D.	Kitchen / hallway (4)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- white										
	W					✓	✓			- light brown										
	F				✓					- SA kitchen										
									X	- 2 light fixtures → non-flo										
									Y	- 2 smoke detectors → Am 241 ✓										
									X	- 1 exterior door white										
										Paints - C white										
										- W light brown										
										- Ext door wht										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 5
Floor	main
Room I.D.	Bedroom 2 (5)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- light blue										
	W					✓	✓			light blue										
	F				✓					SA Kitchen										
										x - 2 light fixtures (1 flo x 1b)										
										x - 1 sink										
										x - 1 door dark blue										
										x - closet stand teal VS B1										
										x - wood trim (primed white)										
										Paint - C light blue										
										W " "										
										D dark blue										
										Closet stand teal										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 5
Floor	main
Room I.D.	office (6)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- white										
	W					✓	✓			- white										
	F				✓					- SA kitchen										
										x - 1 fridge/freezer										
										λ - white wood trim (primed)										
										⌐ - 1 wood door										
										Paint C, W - white										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 5
Floor	main
Room I.D.	closet 2 (7)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			white										
	W					✓	✓			white										
	F			X						light brown, specs of white (large tile pattern)										
										x - 1 light fixture → non-flo										
										x - 1 door painted red on outside										
										Paint C, W white										
										D red VS R5-L7										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	R5 5
Floor	Main
Room I.D.	Bedroom 3 (8)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- white										
	W					✓	✓			- yellow										
	F				✓					- SA yellow										
									X	- 1 door orange										
									X	- 2 light fixtures → 1 flo x16										
									X	- closet stand (teal)										
									X	- wood frame (primed)										
									X	- 1 sink										
										Paints C - white										
										W - yellow										
										D orange R5-L8										
										closet stand - teal										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 5
Floor	main
Room I.D.	Bathroom (9)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			white										
	W					✓	✓			SAA										
	F				✓					SA kitchen										
									X	1 sink										
									X	1 light fixture → non-flo										
									X	Air exchange										
									X	1 toilet										
									X	1 blue door										
									X	wood trim (primed)										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 5
Floor	main
Room I.D.	Bedroom 4 (10)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					V	✓			white										
	W					V	✓			blush										
	F				✓					SA kitchen										
									x	1 vent										
									x	2 light fixture → 1 flo x 1 b										
									x	closet stand (teal)										
									x	wood trim (primed)										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 5
Floor	going downstairs
Room I.D.	Stairway (1)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- white										
	W					✓	✓			- white										
	F			✓						- blue white specs ✓										
									X	- 1 HE B										
								Paint		C, W - white										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 5
Floor	basement
Room I.D.	main room (5)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C							✓		wood fiber 2'x4' white fissured wood fibre ✓										
	W					✓	✓			white ✓										
	F								x	carpet ✓										
									x	1 chest freezer ✓										
									x	1 exterior door ✓										
	W								x	small section yellow (wood)										
									x	14 T12 bulbs										
									x	2 T8 bulbs? ✓										
									x	wood trim										
									x	5 exchange vents										
									x	6 lockers blue and black trim										
	C							✓		dot and fisher 2'x4' white x 24										
										white exterior door = LC-V1										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 5
Floor	Basement
Room I.D.	Bathroom (13)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
VS	C							✓		2 different kinds (6 white) 3 other white										
	W					✓	✓													
	F				✓					12"x12" white blue specs										
									X	2 T12's										
									d	1 sink										
									X	1 toilet										
									X	1 shower/bathroom										
									X	2 exchange vents										
									X	wood trim										
									X	wood door (blue)										
									Paint	W - white										
										B - blue										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 5
Floor	basement
Room I.D.	Bathroom (14)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
VS	C							✓		- 1x4 white dot + fissured										
	W				✓	✓				- white										
	F				✓					12" x 12" white bhc specs										
									X	1 sink										
									✓	1 toilet										
									X	1 shower / bath tub										
									✓	1 Fl light fixture										
									X	1 bhc door										
									✓	- wood trim										
									X	2 air exchange vents										
									Paint	- W - white										
										D - blue										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 5
Floor	Basement
Room I.D.	Hallway (15)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C							✓												
	W					✓	✓			White										
	F									✓ - carpet										
										x air exchange unit (HRV)										
										x - washer dryer										
										Paint W - white										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	RS
Floor	Basement
Room I.D.	(16) mech. room.

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	23-Feb-17
Assessor:	MB / SA.

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								X	wood										
	N								X	wood (behind panel)										
	W						X			→ unfinished.										
	E								X	wood Joists + decking										
	O								X	FG insulation visible										
	O								X	units duct work										
	C								X	elec HWT										
	O								X	furnace (elec)										
	O								X	1 tstat thermo.										
	O								X	1 CO & alarm										
	P								X	copper pipe in solder (LC-M)										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	R5
Floor	main
Room I.D.	Bedroom. (17)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
VS	F				X					12x24 brown										
	W					X	X													
	C					X	X													
										Paint:										
										VS - white on ceiling										
										VS - light brown on walls										
										VS - red on door										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	RS
Floor	ext
Room I.D.	ext

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date: 23-Feb-17
Assessor: MB

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	W								X	vinyl siding										
	W								X	plywood around foundation/ basement										
	R								X	asphalt shingles (new)										
	O								X	white metal soffit / fascia / eaves trough (LC Eval)										
	O								X	wood deck (VS redpaint as R4)										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

Master List - Asbestos Samples

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Facility	PF HS Rle	**Date**	23-Feb-17.
Project #	17-805-01		

	Sample ID	Description
✓	Rle-S1a-c	12x12 white VFT w blue streaks.
✓	Rle-S2a-c	Green speckled VSF.
✓	Rle-S3a-c	brown 12x12 tile pattern VSF
	Rle-S4a-c	white ceiling stippled finish
✓	Rle-S5a-c	MJC on main floor. 3 -> combined to Rle-S5a-Eg
✓	~~Rle-S6A-C~~	~~MJC on basement~~
✓	Rle-S7a-c	2x4, white, CT, dot + sm. fissure.
✓	Rle-S8a-c	2x4, white CT, dot + lg. fissure.

Master List - Lead Paints

TRUE GRIT CONSULTING LTD

Facility	PF HS R6	Date	23-Feb-17
Project #	17-805-01		

Sample ID	Room Number Sampled in	Colour of Top Layer (subsequent colours)	Substrate (eg. wood, metal)	Building Component (eg. trim, wall, door)	Result	Comments
R6-L1		white	GB	wall		
R6-L2		beige	metal	stalls	-ve	LC.
R6-L3		Teal	wood	door		
~~R6-L4~~		Black	Wood	~~boat stand~~		
R6-L4		Red	wood	door		
R6-L5		light Green	GB	wall		
R6-L6		grey	GB	wall		
R6-L7		Blue	wood	door		
R6-L8		Light beige	GB	wall	NOT LEAD	storage room (9)
R6-L9		Green	wood	door		
R6-L10		grey	sander	pipe		Lead check (-)
R6-L11		yellow	wood	wall		
R6-L12		light grey	wood	Stand		
R6-L13		white	metal	door		Lead check (-)
R6-L14		white	metal	soffit/fascia	-ve	LC.

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 6
Floor	main
Room I.D.	Kitchen (1)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
R6-S4	C								X	- staple ceiling white										
R6-S5	W					✓	✓			- white										
R6-S1	F				✓					- 12"x12" white blue specs										
	W								X	wood panelling tile										
									X	- 1 chest freezer										
									X	- 1 fridge / freezer										
									X	- 1 mercury contain Thermostat										
									X	- 2 T12's										
									X	- 1 emergency light										
										Paint W - white										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 6
Floor	main floor
Room I.D.	bathroom (2)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- white										
	W					✓	✓			- white										
Re-S2	F			✓						- green										
										x - 2 sinks										
										x - 2 toilets										
										x - 2 bathroom / shower										
										x - stalls (beige)										
										x - wood door (teal)										
										Paints C, W - white										
										stalls - beige										
										D - teal										
										x - 2 T12's										
										x - wood trim										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 6
Floor	main
Room I.D.	closet (3)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- white										
	W					✓	✓			- SA										
	F				✓					- SA kitchen										
										λ boot stand black										
										x - wood trim (pine)										
										Paints C,W - white										
										Stand - black										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Reg 6
Floor	main
Room I.D.	Bedroom (4)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								X	- Staple white										
	W					✓	✓			- green										
	F				✓					- SA kitchen										
									X	- wood trim white										
									X	- 1 Fl light fixture										
									X	- door red										
									X	- 1 sink										
									X	- Closet stand white										
										Paint W - green D - red										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 6
Floor	Main
Room I.D.	bedroom (5)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	- style white										
	W					✓	✓			- green										
RL-S3	F			✓						- beige and light grey										
									x	- wood door (green)										
									✓	- 1 sink										
									x	- 1 F/ fixture										
									x	- wood trim (painted)										
									x	- closet stand white										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 6
Floor	main
Room I.D.	office (6)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x - staple											
	W					V	✓		? - grey											
	F								x - carpet											
									x - wood door (tkal)											
									x - 1 fridge/freezer											
									x - wood trim											
									x - 1 sink											
									Paints											
									W - grey											
									D - teal											

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 6
Floor	main
Room I.D.	Bedroom (7)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	- st.plc white										
	W					✓	✓			- green										
	F			✓						- SA room 5										
									x	1 sink										
									x	1 Fl light Fixture										
									x	- closet stand white										
									x	- wood trim										
									x	- wood door blue										
										Paint W - green D - blue										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE NORTH CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 6
Floor	main
Room I.D.	Bedroom (5)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	- St.pk white										
	W					✓	✓			- green										
	F			✓						- SA room 5										
									x	- wood trim primed										
	F								x	- carpet in closet										
									x	- 1 sink										
									x	- 1 Fl fixture										
									x	- 1 wood door teal										
										Paint										
										W - green										
										D - teal										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 6
Floor	Main
Room I.D.	Storage (9)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- light brick										
	W					✓	✓			- SAF										
	F								x	carpet										
									x	- wood door (green)										
										Paint C,W light beige RG-LB										
										D - green BLG-L9										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res (6)
Floor	main
Room I.D.	Kitchen / Hallway (10)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	- stiple white										
	W					✓	✓			white										
	W								✓	- wood paneling tiles halfway up										
	F				✓					- SA kitchen										
									x	- 2 smoke detectors Am 241										
										Paint: W - white										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 6
Floor	main to basement
Room I.D.	Stairs to go DS (11)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	- st.pk wh.te										
	W					✓	✓			- white										
	F				✓					- SA kitchen										
									x	- wood trim										
										Paint W - white										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 6
Floor	Basement
Room I.D.	Main Area (12)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	W					✓	✓			– white										
	W								X	– wood panel yellow										
	F								X	– carpet blue/grey										
R6-S7	C							✓		2×4, wht, dot + small fissure										
R6-S8	C							X		2×4, wht, dot + lrg fissure										
									X	– Chest freezer										
									X	– wood stand light grey										
									X	– 2 smok detector see pics										
									X	– 2 FL fixture										
									X	– 1 HE B										
									X	– 1 washr + Dryer										
									X	– 1 exterior door wht										
		– mould encountered on CT by washer + Dryer							X	– wood trim										
										Paints W-white and yellow wood stand - light grey D-white										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Res 6
Floor	basement
Room I.D.	Bathroom (13)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
Res 7	C							x		(6) 2'x4'										
	W					✓	✓			- beige										
	F			✓						- green										
									x	- 1 sink										
									x	- 1 toilet										
									x	- 1 shower										
									x	- wood trim										
									x	- Pipes										
									x	- 1 wood door blue										
										Paints W beige D - blue										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 6
Floor	basement
Room I.D.	Bedroom (14)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
Re-57	C					✓	✓	x		2' x 4' - light beige										
	W								x	- Carpet										
	F								x	- wood trim										
										Paint - light beige										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Reg 6
Floor	basement
Room I.D.	Storage (15)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
RE-57	C							X		2'x4'										
	W					✓	✓			- see below white										
	F								x	- carpet										
									x	- mercury contain thermostat										
									x	- wood trim										
										South and west walls finished										
										North and east arent										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 6
Floor	Basement
Room I.D.	Mechanical Room (16)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	unfinished										
	W					✓	✓			white										
	F			✓						SA bathroom										
									x	hot water tank										
									x	red door										
									x	piping										
										1 HE light bulb										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Res 6
Floor	Exterior
Room I.D.	Exterior

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	W									- vinyl siding blue										
	C									- Asphalt shingles → new										
										- white eaves / troughs / trim										
									x	- red deck in front SW VS R4										
									x	- red deck on north side VS R4										
										- white metal soffet, flashing, fascias, eaves and down spouts										
										- wood foundation										
										- rigid foam ins behind siding										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

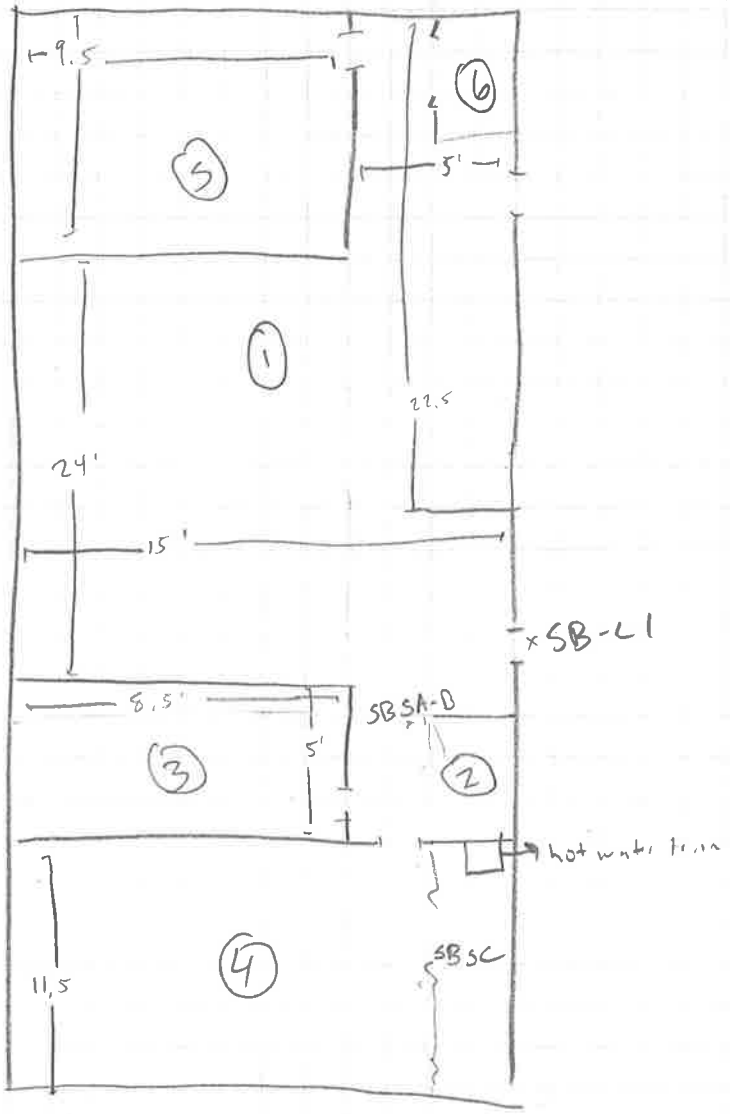
Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

TRUE GRIT ENGINEERING
1263 Innovation Drive,
Thunder Bay, ON P7B 0A2

DATE: ..... PROJECT NO. |_|_|_|_|_|
DESIGNED BY: ..... CHECKED BY: .....
PROJECT: .....
CLIENT: .....
.....

Staff building: Main
N →



ACMS: SB - S1 a - c - Stippled ceiling finish
SB - S2 a - c - Lexle grey tile pattern VSF
SB - S3 a - c - Asphalt shingles.

Leads: SB - L1 - white metal door (LLC - VC)
SB - L2 - white wood siding

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Staff building
Floor	main
Room I.D.	Living Room / Kitchen (1)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	stipple white										
	W									vinyl wall board										
	F			✓						6x6 grey tile pattern										
	F								x	2 FI Fixtures - 2 T12's, 2 T8's										
									x	1 fridge/freezer										
									x	1 thermostat										
									x	2 ~~Exterior~~ doors white										
										SB L1 - lead check on door (-ve)										
										* SB-S1A-C stipple ceil										
									x	wood trim white (painted)										
									x	wood trim wood colour?										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	Laundry room (2)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C									- stipple white										
	W									- vinyl wall board										
	F			✓						SA room 3 - slight water damage/mould			see pics							
										x - 1 smoke detector Am 241										
										x - wood trim										
										x - furnace										
										SB-SRA-C VSF										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
Environmental Services & Solutions

Building Information

Facility	
Building I.D.	Staff Building
Floor	Main
Room I.D.	Bathroom (3)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	stipple white										
	W									vinyl wall board										
	F			✓						SA room 1										
									x	1 sink										
									x	1 toilet										
									x	1 bathtub										
									x	wood trim painted										
									x	1 wood door unfinished										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
Environmental Services & Solutions

Building Information

Facility	
Building I.D.	SB
Floor	main
Room I.D.	Bedroom (4)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								X	stipple white										
	W								X	vinyl										
	F			✓						SA room 2										
									X	1 HE B										
									X	hot water tank										
									X	wood door refinished										
									X	trim wood										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	SB
Floor	main
Room I.D.	Storage (5)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	staple white										
	W									vinyl wall board										
	F								x	carpet										
									x	wood trim										
									x	wood door										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	SB
Floor	main
Room I.D.	closet (6)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x - stipple white											
	W								x - vinyl wall board											
	F			✓					- SA room 1											

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	SB
Floor	Exterior
Room I.D.	

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
SB-SS-1	C								x	Ashpalt shingles										
	W									SW side Vinyl siding (grey), rest wood siding - brown										
	F									wood foundation / grade VS SB-L2										
									x	white metal trim no cracks / holes										
										SB-L2 - wood siding brown										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

Master List - Asbestos Samples

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Facility	PF HS	Den	**Date** Feb 25th
Project #	17-805-01		

Sample ID	Description
Den S1 A-C	VSF light brown grey specs
Den S2 A-G	MJC
Den - S3a-c	Asphalt shingles.

Master List - Lead Paints

TRUE GRIT CONSULTING LTD

Facility	PF HS	Den	Date	Feb 25th
Project #	17-805-01			

Sample ID	Room Number Sampled in	Colour of Top Layer (subsequent colours)	Substrate (eg. wood, metal)	Building Component (eg. trim, wall, door)	Result	Comments
Den L1	(1)	white	GD	wall		VS light beige.
Den L2	1	brown	GB	wall		
Den L3	1	green	metal	door		
Den L4	1	black	wood	Stand		
Den L5	4	beige	Metal	stalls		LC
Den L6	7	purple	GB	wall		
Den L7	8	blue	GB	wall		
Den L8	1	light beige	GB	wall		
Den L9	1	Brown	wood	partition wall		

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Den
Floor	main
Room I.D.	Rec room (1)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height
Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	—			~~white~~ light beige.										
	W					—	—			brown and ~~white~~ light beige										
	F			✓						light brown gray specs										
									x	2 emergency lights										
									x	20 FI fixtures T 12's										
									x	1 thermostat contains mercury										
									x	2 smoke detects Am 241										
									x	uninsulated duct work										
										Paint Den-C8 light beige GB wall										
										Den C2 brown GB wall										
										Den C3 green metal doors										
										Den C4 black wood stand										
										Den S1 A-C VSF										
										Den S2 A- MJC										
										Den C9 brown wood Partition wall										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Den
Floor	main
Room I.D.	Kitchen (2)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			~~light bulbs~~ VS Den L8										
	W					✓	✓			SAA										
	F			✓						VS Den S1										
									x	2 Fl fixtures										
									x	1 fridge / freezer										
									x	2 sinks										
									x	rubber baseboard										
									x	Interior door green VS Den L3										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Den
Floor	main
Room I.D.	Mechanical room (3)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			light beige										
	W					✓	✓			light beige										
	F								✓	wood										
									x	1 furnace										
									x	1 F/ fixture										
									x	1 Emergency light										
									x	1 smoke detector Den 3 W1										
									x	door green vs Den B										
										wrapped air exchang w fiberglass?										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	Den
Floor	main
Room I.D.	Bathroom (4)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height
Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			light beige										
	W					✓	✓			light beige										
	F			✓						VS Den S1										
									x	2T12's										
									x	wood trim										
									x	stalls beige										
									x	1 sink										
									x	1 toilet										
									x	1 urinal										
									x	door sign VS Den C3										
										Paint Den C5 beige metal stalls										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Den
Floor	Main
Room I.D.	Bathroom (5)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
										VS as room 4 but 2 toilets and no urinal										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Den
Floor	
Room I.D.	Stairway (C)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			light beige										
	W					✓	✓			light beige										
	F									< - wood										
										x - 2FI light fixtu										
										x - wood door										
										^ - lemergcy light										
										x - 1 smok detect Am 241										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Den
Floor	upstairs
Room I.D.	TV room (7)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			- light beige										
	W					—	✓			- purple										
	F			✓						- VS as rest of building										
									x	- 2 FT light fixtures										
									x	- wood trim										
									x	- 1 thermostat not contain										
									x	- 1 smoke detect Am 241										
									x	1 door green Den <3										
										Paint Den <6 GB wall										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	
Floor	
Room I.D.	Mus. < 100m (8)

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C					✓	✓			light beige										
	W					✓	✓			blue										
	F			✓																
									x	1 smoke detect Am 241										
									x	1 thermostat not contacting										
									x	4 FL fixtures										
									x	wood trim white										
									x	1 door green Den L3										
										Paint L7										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	Den
Floor	
Room I.D.	Exterior

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	C								x	Ashpalt shingle - 2 u in tops										
	W								x	wood s.d.g.s US as den										
	F								x	cement foundations										
									x	white metal eaves, troughs, dwn spouts										
										east side has Attic hatch										
										Den B3 A-C over entrance way										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	HS
Floor	Main
Room I.D.	(1) Principals office.

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date: 24-Feb-17.	
Assessor: MB/JA.	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								X	laminate										
	W					X	X													
	C							X												
	O								X	vis water damage on CT										
	O								X	2 flo x 2b										
	O								X	H_2O damage on GB wall										
				Painted GB & door						frame.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	HS
Floor	main
Room I.D.	(2) vault.

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	2F-Feb-17
Assessor:	MB / JA

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F				X															
	W								X	P-cone										
	C								X	P-cone.										
	O								1	2 flo x 26										
			Paint: W/C / DF																	

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	HS
Floor	Main
Room I.D.	(3) guidance counsellor.

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								x	laminate										
	W					x	x													
	C							x												
	O								x	1flo x2b,										
	O								x	mini fridge										
			Paint: W / Trim																	

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	
Building I.D.	HS
Floor	main
Room I.D.	Vice principal (4)

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date:
Assessor:

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								x	laminate										
	W					x	x													
	C							x												
	O								x	2 flo x 2 lb.										
	O								x	$+H_2O$ damage on CT.										
			Paint: on GB W + metal Trim																	

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	
Building I.D.	HS
Floor	Main
Room I.D.	(5) Gym office

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	
Assessor:	

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F			x																
	W					x	x													
	C					x	x													
	O								x	1 flo x 2b.										
										Paint: GB walls/ceiling + metal trim/frame.										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

TRUE GRIT ENGINEERING
1263 Innovation Drive,
Thunder Bay, ON P7B 0A2

DATE: 24-Feb-17 PROJECT NO.
DESIGNED BY: ..... CHECKED BY: .....
PROJECT: .....
CLIENT: ..... Highschool:

⑥ - reception
F = VFT - 11 flo x 2-4b.
W = GB/MJC - 1 elec. therm.
C = CT - Paint on: GB + metal frames.
↳ H_2O damaged CT.

⑦ Staff room.
F = VFT - 9flo x 2-4b.
W = GB/MJC - 1 fridge.
C = GB/MJC - Paint on GB w/c + metal frames.

⑧ Mens WR (staff) / Womens WR (staff) ⑨
F = VSF - 1flo x 2-4b (each)
W/C = GB/MJC Paint: GB w/c + metal frames

⑨ Janitor
F = VFT - 1HE bulb
W/C = MJC/GB Paint = GB W/C + metal frames.

⑩ storage → N/A

⑪ nurse station
F = VFT - 3 flo x 4b
W/ = MJC/GB Paint: = GB W + metal frames
C = CT

⑫ laundry
F = VFT - 2flo x 2b
C/W = GB/MJC - Painted wall/frames
→ water damaged wall + ceiling (ext)

⑬ WR
F = VSF - 2flo x 2b
W/C = MJC/GB. Painted wall/frames.
↳ water damaged GB ceiling.

⑭ office
F = VFT → 2flo x 4B.
W = GB/MJC → Paint W/F
C = CT

→ glycol
→ electric heating system
↳ heat pump has coils in the lake with lines that go out to the lake.
→ pumps under school

TRUE GRIT ENGINEERING
1263 Innovation Drive,
Thunder Bay, ON P7B 0A2

DATE: ..... PROJECT NO. ....
DESIGNED BY: ..... CHECKED BY: .....
PROJECT: .....
CLIENT: ..... Highschool

(15) Nurse office
F = VFT — Paint on W/F
W/C = GB/MJC — - 2 flo x 4b
⇒ windows have blown seals.

(16) NNEC office
F = laminate — - elec. therm.
W = GB/MJC/CB — - paint W/F
C = corr. metal — o - mini fridge.

(17) = Boys WR.
F = VSF — - 4 flo x 2b.
W = GB/MJC/CB — Paint: W/C/F
C = GB/MJC

(18) Boys locker:
F = VSF — 3 flo x 2b.
C/W = GB/MJC — Paint: W/C/F
W = CB

(19) boys shower
F = ceramic tile — 4 flo x 2b
W = ceramic tile — Paint on GB ceiling.
C = GB/MJC

(20) Gym
F = VFT — Paint on W/F
F = wood
W = CB
W = wood panelling
C = corr. metal & wood beams.

(21) stage
F = VFT — Paint on W/F
W = GB/MJC
C = metal/wood beams.

(22) office — 2 Flo x 2 B
F = VFT
W = MJC/GB — Paint in W.

TRUE GRIT ENGINEERING
1263 Innovation Drive,
Thunder Bay, ON P7B 0A2

DATE: ..... PROJECT NO.
DESIGNED BY: ..... CHECKED BY: .....
PROJECT: .....
CLIENT: .....

(23) gym storage
F = P-conc.
W = CB
C/W = GB/MJC

4 flo x 2b.
paint on W/C/Frames

(24) girls WR.
F = VSF
W - CB/MJC/GB
C = MJC/GB

4 flo x 2b
paint on W/C/Frames.
→ non Hg therm

(25) Vis to boys locker rm
(26) Vis to boys shower room.

(27) kitchen + pantry
F = VSF
W = CB/MJC/GB
C = GB/MJC
↳ water damged ceilng

7 flo x 4b.
paint on W/C + Frames.
- 3 fridges

(28) F = VFT
W = MJC/GB
C = MJC/GB
→ water damged ceilng

paint W/C/trim

(29) maintenance room above kitchen
F = P-conc.
W = GB/MJC.
C = GB/MJC
→ dry transformer.
- 2 Plo x 2b
- 4 HWT
→ HVAC units.

- unins duct work
- ins duct work. (FG w canvas)
- ins piping (FG w canvas)

(30) classroom
F = VFT
W/C = MJC/GB
↳ water damged ceilng.

- non-Hg therm.
11 Plo x 4b.

TRUE GRIT ENGINEERING
1263 Innovation Drive,
Thunder Bay, ON P7B 0A2

DATE: ..... PROJECT NO. |_|_|_|_|_|
DESIGNED BY: ..... CHECKED BY: .....
PROJECT: .....
CLIENT: .....

(31) classrooms.
F = VFT - non-Hg thrm
W/C = MJC/GB - 16 flo x 2b.
↳ cracking along corner.

(32) classroom.
F = VFT - non-Hg thrm - Fridge.
W/C = MJC/GB. - 16 flo x 2b.

(33) classroom
vis to room (32) → water damage on ceiling
- 11 flo x 4b.

(34) classroom vis to room (33)

(35) vis to room (31)

(36) vis to room (32)

(37) vis to room (34)

(38) classroom 20 flo x 2b
F = VFT - 1 non-Hg thrm
C/W = GB/MJC → paint.

(39) resource room
F = VFT - mini fridge - 1 non Hg thrm.
W/C = MJC/GB - 5 flo x 4b.

(40) science storage.
F = VFT 6 - 1 flo x 4b.
W/C = MJC/GB → chemical storage.

(41) Janitor.
F = VFT 1 flo x 2b.
W/C = MJC/GB.

(42) F = VFT → science room.
C/W = MJC/GB - 30 flo x 2b.
- non-Hg thrm
- fridge & freezer

TRUE GRIT ENGINEERING
1263 Innovation Drive,
Thunder Bay, ON P7B 0A2

DATE: ..... PROJECT NO. _____
DESIGNED BY: ..... CHECKED BY: .....
PROJECT: .....
CLIENT: .....

(43) wood shop.
F = p-cone. → ins duct work (FG)
W/C = GB/MJC → elect. therm
38 flo x 2b.

(44) mech print house
F = p-cone -Fg ins duct w canvas.
W/C = MJC/GB. -dry transformer. -energy light.
7 flo x 2b. - Fg ins. piping.

(45) F = p-cone.
W = CB -vanes duct -2 flo x 2b.
C/W = MJC/GB -ins. duct (FG w canvas)

CS - refer to photos.

(46) Girls WR 5 flo x 2b.
F = VFT
W/C = MJC/GB

(47) boys WR. 5 flo x 2b.
F = VFT
W/C = MJC/GB

(48) AV room.
F = VFT 8 flo x 2b.
W/ = MJC/GB elec. therm.
C = steel/wood beams

(49) computer room.
F = VFT 24 flo x 2b.
W = MJC/GB elec. therm
C = steel/wood beams

(50) library
F = VFT 30 flo x 2b.
W = MJC/GB
C = steel + wood beams

(51) library room..
F = VFT W = GB C = metal (wood 2 flo x 2b.

TRUE GRIT
ENGINEERING
1263 Innovation Drive,
Thunder Bay, ON P7B 0A2

DATE: ..... PROJECT NO. |_|_|_|_|_|_|
DESIGNED BY: ..... CHECKED BY: .....
PROJECT: .....
CLIENT: .....
.....

(52) ⇒ hallways + foyer.
38 flr × 2lb. + 35 × 2lb.

F = VFT
W = GB/MJC
W = CB.
C = MJC/GB.
C = corr. mtl / wood beams

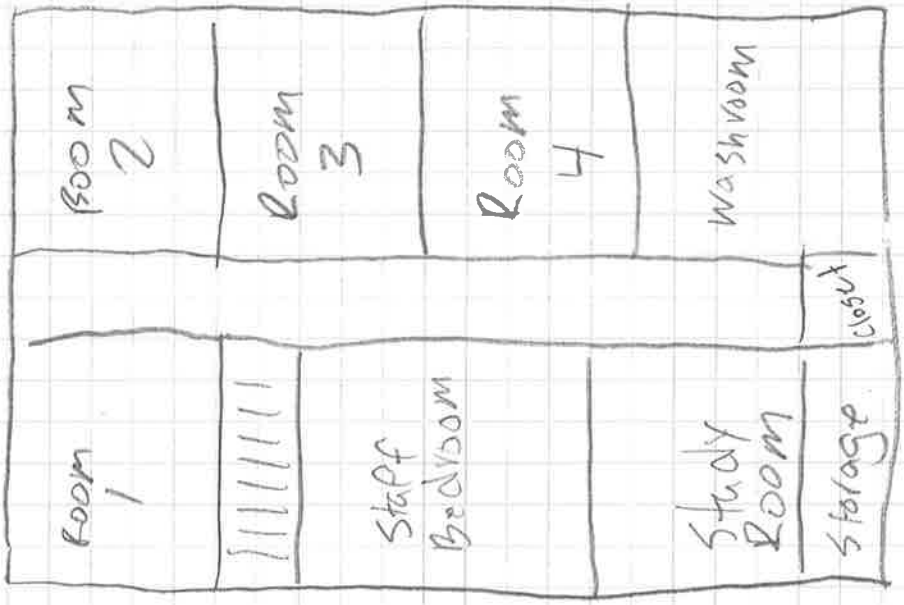
→ unins piping.

TRUE GRIT ENGINEERING
1263 Innovation Drive,
Thunder Bay, ON P7B 0A2

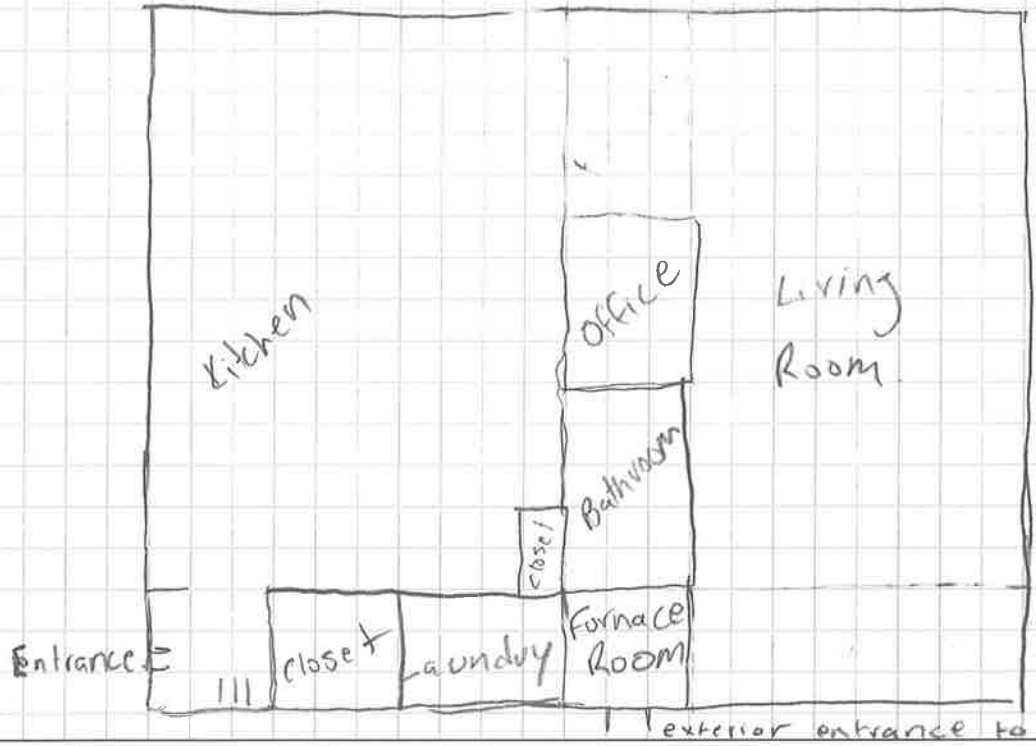
DATE: 27 FEB 2017 PROJECT NO. 1,7|8,0,5|0,1
DESIGNED BY: TF CHECKED BY:
PROJECT: PELICAN FALLS OSS
WOMENS HOUSING x 4
CLIENT: Mobile Resources

*NOT to scale.

SECOND FLOOR



MAIN FLOOR



HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	Relvan Falls
Building I.D.	Building 11
Floor	Main Floor
Room I.D.	Landing

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	Feb 25/17
Assessor:	MS/TF

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F			X						grey w blue fleck										
	W+C					X	X			1 emergency light → bad										
										2 ceiling fixtures x 2 bulbs										
										1 fire extinguisher										
		Kitchen																		
	F			X						→ removed drywall → water damage no mould										
	W+C					X	X			fire extinguisher										
										→ 4 ceiling (2 bulbs) 6 wall (1 bulb) fixtures										
										2 fridges → 2 freezers										
										1 smoke detector → working										
										1 carbon monoxide detector										
										1 emergency light → bad battery										
		Storage under stairs								1 wall fixture +1 bulb										
		Laundry								2 FL fixtures x 2 bulbs each tubes										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	Polivan Fold
Building I.D.	Building 11
Floor	Main Floor
Room I.D.	Living Room

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	Feb 25/17
Assessor:	MS/TF

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								X	carpet										
	W=C					X	X			→ drywall removed → water damage → no mould										
										13 wall fixtures (1 bulb)										
										9 ceiling fixtures (2 bulbs)										
										2 emergency lights										
										1 smoke detector → ionizing (nuclear)										
										1 mercury thermostat										
		Washroom																		
										1 light fixture (2 bulbs)										
		Office																		
										2 FL fixtures x2 bulbs each tubes										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD

Building Information

Facility	Pelican Falls
Building I.D.	Building 11
Floor	2nd Floor
Room I.D.	Stairs

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	Feb 26/17
Assessor:	HS / TF

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								x	carpet										
	W+C					x	x			1 ceiling (2 bulbs) + 1 wall fixture (1 bulb)										
		Linen								1 ceiling fixture *2 bulbs										
		Washroom																		
	F				x					grey w white + black flecks										
	W+C					x	x			2 wall fixtures x 1 bulb										
										5 ceiling fixtures x 2 bulb										
										1 smoke detector										
		Hallway																		
	F								x	carpet										
	W+C					x	x			1 fire extinguisher										
										3 emergency light s → lead										
										1 smoke detector → ionizing										
										1 carbon monoxide										
										4 ceiling fixtures x 2 bulbs										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	Dehcho Falls
Building I.D.	Building 11
Floor	2nd Floor
Room I.D.	Study room + Closet

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	Feb 24/17
Assessor:	MS/TF

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
										7 ceiling light fixtures										
										5 wall " "										
	F								x	carpet										
	W+C					x	x			→ 1 smoke detector → ionizing										
										→ heat shield fibreglass										
		Bedroom 4																		
										1 smoke detector → ionizing										
	W+C					x	x			3 wall fixtures x 1 bulb										
										2 ceiling fixtures x 2 bulbs										
	F								x	carpet										
		Bedroom 3																		
	W+C					x	x			1 smoke detector ionizing										
	F								x	carpet										
										3 wall fixtures x 1 bulb										
										2 ceiling fixtures x 2 bulbs										

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	Pelican Falls
Building I.D.	Building 11
Floor	2nd Floor
Room I.D.	Bedroom 2

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	Feb 25/17
Assessor:	MS/TF

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
	F								x	carpet										
	W+C					x	x													
										1 smoke detector										
										3 wall fixtures 1 x bulbs										
										2 ceiling fixture 2 x bulbs										
		Bedroom 1																		
	F								x	carpet										
	W+C					x	x													
										1 smoke detector										
										3 wall fixtures 1 x bulb										
										2 ceiling fixture 2 x bulbs										
		Staff Bedroom + W.R.																		
										1 smoke detector										
	F								x	carpet + VSF (grey & black tile)										
	W+C					x	x			4 wall fixtures 1 x bulb										
										3 ceiling fixtures 2 x bulbs										
										1 parking thermostat										

Notes: Attic → fiberglass insulation & wooden trusses

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	Pelican Falls
Building I.D.	Building 11
Floor	
Room I.D.	Exterior

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	Feb 25/17
Assessor:	M/S/T/F

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
		Porch								4 ceiling fixtures (1 bulb) Porch										
										1 wall fixture (1 bulb) S										
	F									blade texture coat on concrete										
	R									- Asphalt shingles										
	W									- transformer on property										
										- 2 wall fixtures → mercury halide?										
										- white transite siding										
										- 910L AST fuel oil										
		Furnace Room																		
	F			X						→ VSF grey w blue flecks	3'x10'									
										→ 1 smoke detector → emerg										
	C+W					X	X			→ 1 CO detector										
										→ all TSI fiberglass										
										→ 1 emergency light → bad										
										→ 1 mercury thermostat										
										→ 1 ceiling fixture (1 bulb)										

Notes:
F
X concrete

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	Pelican Falls
Building I.D.	Building 12
Floor	
Room I.D.	

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	Feb 25/2017
Assessor:	MS/TF

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
		→ Same as Building 11																		
		→ one area on ceiling in living room had drywall removed due to water damage and mould visible																		

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	Pelican Falls
Building I.D.	Building 13
Floor	
Room I.D.	

Project Information

Project #: 17-805-01	
Client: Mobile Resources	
Date:	Feb 25/2017
Assessor:	MS/TF

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
		→ same as building 11																		
		→ 2nd Fl closet window has surficial mould growth (no air circulation)																		
		→ leaking 2nd floor toilet																		
		→ causing water damage to roof in living room																		
		→ reportedly the carpet + pad have been wet in past directly below toilet in living room																		
		→ likely hidden mould growth in these areas.																		

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

HAZARDOUS MATERIALS SURVEY FORM

TRUE GRIT CONSULTING LTD
ENVIRONMENTAL SERVICES & SOLUTIONS

Building Information

Facility	Pelican Falls
Building I.D.	Building 14
Floor	1
Room I.D.	

Project Information

Project #: 17-805-01
Client: Mobile Resources
Date: Feb 25/2017
Assessor: MS/TF

Ceiling Height

Room Dimensions

LOCATION		TYPE OF MATERIAL[3]								Comments	QTY	FRIABILITY[4]		CONDITION[5]				PFD[6]		
Sample ID[1]	Surface[2]	TSI (Pipe)	TSI (Other)	VSF	VFT	MJC	Drywall	CT	Other			F	NF	E	G	F	P	C	V	A
		⇒ same as building 11																		
		⇒ no water damage observed																		
		⇒ major siding damage below dryer vent																		
		⇒ looks like it may have been eroded by a chemical																		

Notes:

1. S# = sample; VS (S#) = visually similar to sample collected elsewhere. SM# = asb mcintosh, SK# = asb kenora, SP# = asb pelican falls; LM#, LK#, LP# are the lead prefixes
2. C = ceiling; W = Wall; F = Floor; P = Piping; V = vessel; O = Other
3. TSI = thermal system insulation; VSF = vinyl sheet flooring; VFT = vinyl floor tile; MJC = mud joint compound; CT = ceiling tile
4. F = friable; NF = non-friable
5. E = excellent (no damage); G = good (<10% damage); F = fair (<25% damage); P = poor (>25% damage)
6. C = contact/accessible; V = vibration; A = air erosion. Use H = high; M = moderate; L = low.

NOTE: for trowelled and sprayed products sample as follows: <90 sm = 3 samples; >= 90 and < 450 sm = 5 samples; >= 450 sm = 7 samples

Include information on # of fluorescent light fixtures, ballasts checked, lead paint check results, mercury thermostats observed, smoke detectors, emergency lighting with possible lead acid batt AND for this DSS please include any visible evidence of potential mould growth and/or water damage.

Check a representative number of smoke detectors to see if they are stamped as containing either americum 241 or radium. DO NOT TRY TO PRY OPEN INTERIOR COMPONENTS.

Include information about the type of heating system in place in the building (eg. Forced Air gas, radiant hot water, electric baseboard)

Appendix D: Summary of Asbestos Information

Table 1. Summary of Asbestos Information Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 - 25, 2017					
Material Type[1] ***(Sample reference #)***	**Description and Location[2]**	**Asbestos Containing? (Method)[3]**	**Asbestos Content and Friability[4]**	**Condition [4]**	**Estimated Total Qty[4]**
Residence #3, Reportedly Constructed in 1930					
Identified Asbestos-Containing Materials (ACM)					
MJC ***(R3-S4)***	**White chalky material associated with finished gypsum board observed on the main floor in the east side of the building in Rooms 1, 2, 3, 4, 5, 6, 7 and 8.**	**YES (LA)**	**1.5% Chrysotile Friable**	**Good**	**450 m^2**
Wallboard ***(R3-S9)***	**Hard grey cement board observed on walls and ceilings in Rooms 18 and 19.**	**YES (LA)**	**25% Chrysotile Non-Friable**	**Good**	**65 m^2**
TSI ***(R3-S11)***	**Soft, grey, insulation around boiler observed in Room 19.**	**YES (LA)**	**60% Chrysotile Friable**	**Good**	**6 m^2**
Exterior Siding ***(R3-S12)***	**Hard grey cement board observed under exterior vinyl siding on the building.**	**YES (LA)**	**10% Chrysotile Non-Friable**	**Good**	**220 m^2**
Identified Non-ACM					
VSF *(R3-S1)*	Grey VSF with a black and white "paint splatter" pattern observed in Rooms 11, 12, 28, 29, 30, 31, 32 and 33	NO (LA)	--	--	--
VFT *(R3-S2)*	12"x12" brown VFT with a stone pattern observed in Rooms 10 and 34 NOTE: No mastic associated with these tiles.	NO (LA)	--	--	--
VFT *(R3-S3)*	12"x24" grey stone pattern VFT observed in Rooms 1, 2, 3, 4, 5, 6, 7, 8 and 9 NOTE: No mastic associated with these tiles.	NO (LA)	--	--	--
MJC *(R3-S5)*	White chalky material associated with finished gypsum board on the main floor of the west side of the building observed in Rooms 9, 11, 12, 28, 29, 30, 31, 32, 33 and 34	NO (LA)	--	--	--
CT *(R3-S6)*	2'x2' white CT with a dot pattern observed in Rooms 10 and 34	NO (LA)	--	--	--
MJC *(R3-S8)*	White chalky material associated with finished gypsum board in the basement of the building observed in Rooms 13, 16, 17, 18, 19, 20, 21, 22, 23, 25, 26 and 27.	NO (LA)	--	--	--
VSF *(R3-S10)*	Green VSF observed in Rooms 26 and 27.	NO (LA)	--	--	--

Table 1. Summary of Asbestos Information Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 - 25, 2017					
Material Type[1] ***(Sample reference #)***	**Description and Location[2]**	**Asbestos Containing? (Method)[3]**	**Asbestos Content and Friability[4]**	**Condition [4]**	**Estimated Total Qty[4]**
Building Wrap *(R3-S13)*	Black fabric building wrap observed around the exterior of the building under the vinyl siding.	NO (LA)	--	--	--
Window Caulking *(R3-S14)*	Hard white window caulking observed on an older vintage basement window.	NO (LA)	--	--	--
Roofing	Roofing materials have been updated within the last 10 years	NO (R)	--	--	--
Potential ACM					
Hollow metal doors	*Potential for insulating materials inside these doors observed in Room 19.*	*Possible*	--	--	--
Brick mortar	*Mortar associated with brick chimney observed in Room 19.*	*Possible*	--	--	--
Flooring	*Hidden layers of flooring under carpet or top layers of flooring materials.*	*Possible*	--	--	--
Attic	*Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.*	*Possible*	--	--	--
TSI	*Insulating materials may be hidden behind or above solid walls and ceilings. Insulating materials or gaskets may be hidden inside of boilers, furnaces or tanks.*	*Possible*	--	--	--
Residence #4, Reportedly Constructed in 1940					
Identified Asbestos-Containing Materials (ACM)					
No asbestos-containing materials were identified in this building.					
Identified Non-ACM					
VFT *(R4-S1)*	12”x12” white VFT with blue specks observed in Rooms 1, 3, 4, 5, 7, 9, 10 and 11.	NO (LA)	--	--	--
Stippled ceiling finish *(R4-S2)*	White stippled ceiling finish observed in Rooms 1, 4, 5, 6, 7, 9, 10 and 11.	NO (LA)	--	--	--
VSF *(R4-S3)*	Green speckled VSF observed in Rooms 3 and 16.	NO (LA)	--	--	--
MJC *(R4-S4)*	White chalky material associated with finished gypsum board observed in Rooms 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 and 17.	NO (LA)	--	--	--
VFT *(R4-S5)*	12”x24” brown and grey stone pattern VFT observed in Rooms 12 and 17.	NO (LA)	--	--	--
CT *(R4-S7)*	2’x4’ white CT with a dot and large fissure pattern observed in Rooms 12 and 17.	NO (LA)	--	--	--

Table 1. Summary of Asbestos Information Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 - 25, 2017					
Material Type[1] ***(Sample reference #)***	**Description and Location[2]**	**Asbestos Containing? (Method)[3]**	**Asbestos Content and Friability[4]**	**Condition [4]**	**Estimated Total Qty[4]**
CT *(R4-S8)*	2'x4' white CT with a dot and medium fissure pattern observed in Rooms 12, 13, 14 and 15.	NO (LA)	--	--	--
Shingles *(R4-S9)*	Grey asphalt shingles observed on the roof of the building.	NO (LA)	--	--	--
Flooring *(R4-S10)*	Unidentified flooring material observed under the VFT located on the main floor of the building.	NO (LA)	--	--	--
Potential ACM					
Hollow metal doors	*Potential for insulating materials inside hollow exterior doors.*	*Possible*	--	--	--
Flooring	*Hidden layers of flooring under carpet or top layers of flooring materials.*	*Possible*	--	--	--
Attic	*Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.*	*Possible*	--	--	--
TSI	*Insulating materials may be hidden behind or above solid walls and ceilings. Insulating materials or gaskets may be hidden inside of boilers, furnaces or tanks.*	*Possible*	--	--	--
Maintenance Garage (Including Sheds 1, 2 and 3), Reportedly Constructed in 1975					
Identified Asbestos-Containing Materials (ACM)					
No asbestos-containing materials were identified in this building.					
Identified Non-ACM					
MJC *(MG-S1)*	White chalky material associated with finished gypsum board observed in Rooms 1, 2 and 3.	NO (LA)	--	--	--
Shingles *(MG-S2)*	Black asphalt shingles observed on Shed 2.	NO (LA)	--	--	--
VSF *(MG-S3)*	Beige tile pattern VSF observed on the floor in Shed 2.	NO (LA)	--	--	--
Shingles *(MG-S4)*	Black asphalt shingles observed on Shed 3.	NO (LA)	--	--	--
Roofing	Asphalt shingles observed on the Maintenance Garage and on Shed 1 have been updated within the last 10 years.	NO (R)	--	--	--
Potential ACM					
Hollow metal doors	*Potential for insulating materials inside hollow exterior doors.*	*Possible*	--	--	--
Attic	*Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.*	*Possible*	--	--	--

Table 1. Summary of Asbestos Information Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 - 25, 2017					
Material Type[1] ***(Sample reference #)***	**Description and Location[2]**	**Asbestos Containing? (Method)[3]**	**Asbestos Content and Friability[4]**	**Condition [4]**	**Estimated Total Qty[4]**
TSI	*Insulating materials may be hidden behind or above solid walls and ceilings. Insulating materials or gaskets may be hidden inside of boilers, furnaces or tanks.*	*Possible*	--	--	--
Residences #1 and #2, Reportedly Constructed in 1977					
Identified Asbestos-Containing Materials (ACM)					
No asbestos-containing materials were identified in these buildings.					
Identified Non-ACM					
VFT *(R1-S1)*	12”x12” white VFT with grey and brown specks observed in Rooms 1, 2, 5, 6, 7 and 8 of Residence 1.	NO (LA)	--	--	--
MJC *(R1-S2)*	White chalky material associated with finished gypsum board in Rooms: 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14 and 15 of Residence 1; and Rooms 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14 and 15 of Residence 2.	NO (LA)	--	--	--
VSF *(R1-S3)*	Green speckled VSF observed in Rooms 3, 4, 9, 11, 12, 13, 14 and 15 of Residence 1.	NO (LA)	--	--	--
VFT *(R2-S1)*	12”x12” brown stone pattern VFT observed in Rooms 1, 2, 5, 6 and 7 of Residence 2.	NO (LA)	--	--	--
VSF *(R2-S2)*	Green speckled VSF observed in Room 8 of Residence 2.	NO (LA)	--	--	--
VSF *(R2-S3)*	Beige VSF with brown streaks observed in Rooms 3, 4, 9, 11, 12, 13, 14 and 15 of Residence 2.	NO (LA)	--	--	--
Flooring *(R2-S4)*	Beige vinyl flooring observed under the VFT in the kitchen, potentially under VFT throughout the main floor of Residence 2.	NO (LA)	--	--	--
Roofing	Asphalt shingles observed on Residence 1 and 2 have been updated within the last 10 years.	NO (R)	--	--	--
Potential ACM					
Hollow metal doors	*Potential for insulating materials inside hollow exterior doors.*	*Possible*	--	--	--
Flooring	*Hidden layers of flooring under carpet or top layers of flooring materials.*	*Possible*	--	--	--
Attic	*Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.*	*Possible*	--	--	--

Table 1. Summary of Asbestos Information Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 - 25, 2017					
Material Type[1] ***(Sample reference #)***	**Description and Location[2]**	**Asbestos Containing? (Method)[3]**	**Asbestos Content and Friability[4]**	**Condition [4]**	**Estimated Total Qty[4]**
TSI	*Insulating materials may be hidden behind or above solid walls and ceilings. Insulating materials or gaskets may be hidden inside of boilers, furnaces or tanks.*	*Possible*	--	--	--
Residences #7, #8 and #9, Reportedly Constructed in 1977					
Identified Asbestos-Containing Materials (ACM)					
No asbestos-containing materials were identified in these buildings.					
Identified Non-ACM					
VFT *(R7-S1)*	12”x12” white VFT with blue flecks observed in Rooms: 1, 8 and 9 of Residence 7; Rooms 2, 3, 5, 6, 8, 9 and 10 of Residence 8; and Rooms 2, 3, 5, 6, 8, 9 and 10 of Residence 9.	NO (LA)	--	--	--
VFT *(R7-S2)*	12”x12” white VFT with blue streaks observed in Rooms 2, 3, 4, 6, 9, 10 of Residence 7.	NO (LA)	--	--	--
Stippled ceiling finish *(R7-S3)*	White stippled ceiling finish observed in Rooms: 1, 2, 3, 4, 5, 6, 9 and 10 of Residence 7; Rooms 1, 2, 3, 4, 5, 6, 9 and 10 of Residence 8; and Rooms 1, 2, 3, 4, 5, 6, 9 and 10 of Residence 9.	NO (LA)	--	--	--
MJC *(R7-S4)*	White chalky material associated with finished gypsum board in Rooms: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16 of Residence 7; Rooms 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16 of Residence 8; and Rooms 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 of Residence 9.	NO (LA)	--	--	--
VSF *(R7-S5)*	Green speckled VSF observed in Rooms: 7, 13, 14 and 15 of Residence 7; Rooms 1, 7, 14 and 15 of Residence 8; and Rooms 1, 7, 13, 14, 15 of Residence 9.	NO (LA)	--	--	--
CT *(R7-S7)*	2’x4’ white CT with a dot and small fissure pattern observed in Rooms: 11, 12, 14, 16 and 17 of Residence 7; Rooms 11, 12, 14, 16 and 17 of Residence 8; and Rooms 11, 12, 14, 16 and 17 of Residence 9.	NO (LA)	--	--	--
Shingles *(R7-S8)*	Black asphalt shingles observed on the roof of Residence 7.	NO (LA)	--	--	--

Table 1. Summary of Asbestos Information Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 - 25, 2017					
Material Type[1] ***(Sample reference #)***	**Description and Location[2]**	**Asbestos Containing? (Method)[3]**	**Asbestos Content and Friability[4]**	**Condition [4]**	**Estimated Total Qty[4]**
VFT *(R8-S1)*	12”x24” grey and brown stone pattern VFT observed in Rooms 11, 12 and 16 of Residence 8.	NO (LA)	--	--	--
Roofing	Asphalt shingles observed on Residence 8 and 9 have been updated within the last 10 years.	NO (R)	--	--	--
Potential ACM					
Hollow metal doors	*Potential for insulating materials inside hollow exterior doors.*	*Possible*	--	--	--
Flooring	*Hidden layers of flooring under carpet or top layers of flooring materials.*	*Possible*	--	--	--
Attic	*Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.*	*Possible*	--	--	--
TSI	*Insulating materials may be hidden behind or above solid walls and ceilings. Insulating materials or gaskets may be hidden inside of boilers, furnaces or tanks.*	*Possible*	--	--	--
Residences #5, Reportedly Constructed in 1992					
Identified Asbestos-Containing Materials (ACM)					
No asbestos-containing materials were identified in this building.					
Identified Non-ACM					
VFT *(R5-S1)*	12”x24” grey and brown stone pattern VFT observed in Rooms 1, 2, 3, 4, 5, 6, 8, 9, 10, 11 and 17.	NO (LA)	--	--	--
MJC *(R5-S2)*	White chalky material associated with finished gypsum board in Rooms 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15 and 17.	NO (LA)	--	--	--
VSF *(R5-S3)*	Beige VSF with a tile pattern observed in Room 7.	NO (LA)	--	--	--
VFT *(R5-S4)*	12”x12” blue VFT with white specks observed in Room 11.	NO (LA)	--	--	--
VFT *(R5-S5)*	12”x12” white VFT with blue specks observed in Rooms 13 and 14.	NO (LA)	--	--	--
CT *(R5-S6)*	2’x4’ white CT with a dot and fissure pattern observed in Rooms 12, 13, 14 and 15.	NO (LA)	--	--	--
CT	2’x4’ white wood fibre CT with fissures observed in Rooms 12 and 13.	NO (V)	--	--	--
Roofing	Asphalt shingles observed on Residence 5 have been updated within the last 10 years.	NO (R)	--	--	--
Potential ACM					

Table 1. Summary of Asbestos Information Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 - 25, 2017					
Material Type[1] ***(Sample reference #)***	**Description and Location[2]**	**Asbestos Containing? (Method)[3]**	**Asbestos Content and Friability[4]**	**Condition [4]**	**Estimated Total Qty[4]**
Hollow metal doors	*Potential for insulating materials inside hollow exterior doors.*	*Possible*	--	--	--
Flooring	*Hidden layers of flooring under carpet or top layers of flooring materials.*	*Possible*	--	--	--
Attic	*Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.*	*Possible*	--	--	--
TSI	*Insulating materials may be hidden behind or above solid walls and ceilings. Insulating materials or gaskets may be hidden inside of boilers, furnaces or tanks.*	*Possible*	--	--	--
Residences #6, Reportedly Constructed in 1992					
Identified Asbestos-Containing Materials (ACM)					
No asbestos-containing materials were identified in this building.					
Identified Non-ACM					
VFT *(R6-S1)*	12”x12” white VFT with blue streaks observed in Rooms 1, 3, 4, 10 and 11.	NO (LA)	--	--	--
VSF *(R6-S2)*	Green speckled VSF observed in Rooms 2, 13 and 16.	NO (LA)	--	--	--
VSF *(R6-S3)*	Brown VSF with a 12”x12” tile pattern observed in Rooms 5, 7 and 8.	NO (LA)	--	--	--
Stippled Ceiling Finish *(R6-S4)*	White stippled ceiling finish observed in Rooms 1, 4, 5, 6, 7, 8, 10 and 11.	NO (LA)	--	--	--
MJC *(R6-S5)*	White chalky material associated with finished gypsum board in Rooms 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16.	NO (LA)	--	--	--
CT *(R6-S7)*	2’x4’ white CT with a dot and small fissure pattern observed in Rooms 12, 13, 14 and 15.	NO (LA)	--	--	--
CT *(R6-S8)*	2’x4’ white CT with a dot and large fissure pattern observed in Room 12.	NO (LA)	--	--	--
Roofing	Asphalt shingles observed on Residence 6 have been updated within the last 10 years.	NO (R)	--	--	--
Potential ACM					
Hollow metal doors	*Potential for insulating materials inside hollow exterior doors.*	*Possible*	--	--	--
Flooring	*Hidden layers of flooring under carpet or top layers of flooring materials.*	*Possible*	--	--	--
Attic	*Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.*	*Possible*	--	--	--

Table 1. Summary of Asbestos Information Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 - 25, 2017					
Material Type[1] ***(Sample reference #)***	**Description and Location[2]**	**Asbestos Containing? (Method)[3]**	**Asbestos Content and Friability[4]**	**Condition [4]**	**Estimated Total Qty[4]**
TSI	*Insulating materials may be hidden behind or above solid walls and ceilings. Insulating materials or gaskets may be hidden inside of boilers, furnaces or tanks.*	*Possible*	--	--	--
Staff Building, Unknown Construction Date					
Identified Asbestos-Containing Materials (ACM)					
No asbestos-containing materials were identified in this building.					
Identified Non-ACM					
Stippled Ceiling Finish *(SB-S1)*	White stippled ceiling finish observed in Rooms 1, 2, 3, 4, 5 and 6.	NO (LA)	--	--	--
VSF *(SB-S2)*	Grey VSF with a 6"x6" tile pattern observed in Rooms 1, 2, 3, 4 and 6.	NO (LA)	--	--	--
Shingles *(SB-S3)*	Black asphalt shingles observed on the roof of the building.	NO (LA)	--	--	--
Potential ACM					
Hollow metal doors	*Potential for insulating materials inside hollow exterior doors.*	*Possible*	--	--	--
Flooring	*Hidden layers of flooring under carpet or top layers of flooring materials.*	*Possible*	--	--	--
Attic	*Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.*	*Possible*	--	--	--
TSI	*Insulating materials may be hidden behind or above solid walls and ceilings. Insulating materials or gaskets may be hidden inside of boilers, furnaces or tanks.*	*Possible*	--	--	--
Recreation Hall (Den), Unknown Construction Date					
Identified Asbestos-Containing Materials (ACM)					
No asbestos-containing materials were identified in this building.					
Identified Non-ACM					
VSF *(Den-S1)*	Light brown VSF with grey specks observed in Rooms 1, 2, 4, 5, 7 and 8.	NO (LA)	--	--	--
MJC *(Den-S2)*	White chalky material associated with finished gypsum board in Rooms 1, 2, 3, 4, 5, 6, 7 and 8.	NO (LA)	--	--	--
Shingles *(Den-S3)*	Black asphalt shingles observed on the roof of the building.	NO (LA)	--	--	--
Potential ACM					
Hollow metal doors	*Potential for insulating materials inside hollow exterior doors.*	*Possible*	--	--	--
Flooring	*Hidden layers of flooring under carpet or top layers of flooring materials.*	*Possible*	--	--	--

Table 1. Summary of Asbestos Information Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 - 25, 2017					
Material Type[1] ***(Sample reference #)***	**Description and Location[2]**	**Asbestos Containing? (Method)[3]**	**Asbestos Content and Friability[4]**	**Condition [4]**	**Estimated Total Qty[4]**
Attic	*Possible insulating materials in the attic (e.g. vermiculite) may contain asbestos.*	*Possible*	--	--	--
TSI	*Insulating materials may be hidden behind or above solid walls and ceilings. Insulating materials or gaskets may be hidden inside of boilers, furnaces or tanks.*	*Possible*	--	--	--
High School, Reportedly Constructed in 2000					
A visual inspection of the High School was completed. No potential asbestos-containing materials were observed in the building. Based on the reported date of construction and the non-industrial nature of this building, asbestos-containing materials are not expected to be present.					
Residence #11, #12, #13 and #14, Reportedly Constructed in 2000					
A visual inspection of the Residence buildings was completed. No potential asbestos-containing materials were observed in the buildings. Based on the reported date of construction and the non-industrial nature of these buildings, asbestos-containing materials are not expected to be present.					
Notes: 1. TSI = Thermal System Insulation on pipes, fittings and boilers; MJC = Mud Joint Compound associated with finished gypsum board; VFT = Vinyl Floor Tile; CT = Ceiling Tile; VSF = Vinyl Sheet Flooring. 2. Corresponds to room identifier on attached drawings. 3. LA = Samples collected and submitted for laboratory analysis; V = Materials identified by careful visual assessment; R = Reported by site contact to have been installed after 1995. 4. Information only provided for asbestos-containing materials. 5. EA = "Each" individual occurrence of pipe elbows, fittings or other small insulation coverings. **6. Asbestos-containing material (i.e. 0.5% or more asbestos content) shown in bold font.** 7. *Possible asbestos-containing materials (i.e. materials not sampled in order to maintain the integrity of the building envelope) shown in italics. These materials should be sampled and analyzed for asbestos content prior to any activity that may disturb them (e.g. renovations).*					

Appendix E: Summary of Lead Results

Table 2: Summary of Lead Results Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 – 25, 2017			
Description ***(Sample reference #)[1]***	**Rooms**	**Surface/Substrate**	**Lead Containing?** ***(Method)[2, 3]***
Residence #3, Reportedly Constructed in 1930			
Lead Containing			
Grey ***(R3-L1)***	**Observed in Rooms 1, 2, 3, 4, 5 and 6**	**Gypsum board walls**	**YES** ***(LA)***
White ***(R3-L2)***	**Observed in Rooms 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 20, 21, 28, 29, 30, 31 and 32**	**Wood trim and wood panel walls**	**YES** ***(LA)***
White ***(R3-L3)***	**Observed in Rooms 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 17, 20, 21, 22, 25, 26, 27, 28, 29, 30, 31, 32, 33 and 34**	**Gypsum board walls and ceilings**	**YES** ***(LA)***
Grey ***(R3-L4)***	**Observed in Room 9**	**Metal door**	**YES** ***(LA)***
Yellow ***(R3-L5)***	**Observed in Rooms 11, 30, 33 and 34**	**Wood trim**	**YES** ***(LA)***
Yellow ***(R3-L6)***	**Observed in Rooms 13, 17, 18, 19 and 26**	**Poured concrete and cement board walls**	**YES** ***(LA)***
White ***(R3-L11)***	**Observed on the exterior of the building**	**Wood doors and trim**	**YES** ***(LA)***
Solder ***(R3-L13)***	**Observed on copper piping**	**Silver solder on copper water lines**	**YES** ***(LC)***
Non-Lead Containing			
Grey *(R3-L7)*	Observed in Rooms 13, 17, 18, 19 and 25	Poured concrete floor	NO (LA)
Teal/Green *(R3-L8)*	Observed in Rooms 20, 21 and 25	Wood doors and gypsum board walls	NO (LA)
Blue/Purple *(R3-L9)*	Observed in Rooms 26 and 27	Gypsum board walls	NO (LA)
Grey *(R3-L10)*	Observed on the exterior of the building	Poured concrete foundation	NO (LA)
Brown *(R3-L12)*	Observed on the exterior of the building	Wood deck and trim	NO (LA)
Possibly Lead Containing			
No possible lead containing materials were identified in this building.			
Residence #4, Reportedly Constructed in 1940			
Lead Containing			
No lead containing materials were identified in this building.			
Non-Lead Containing			
Beige/Light Brown *(R4-L1)*	Observed in Rooms 1, 2, 3, 6, 8, 10, 11, 15, 16 and 17	Gypsum board walls	NO (LA)
Beige/Light Brown *(R4-L2)*	Observed in Rooms 1, 3, 10 and 11	Wood trim	NO (LA)
Green	Observed in Rooms 4, 5, 7 and 9	Gypsum board walls	NO

Table 2: Summary of Lead Results Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 – 25, 2017			
Description *(Sample reference #)*[1]	**Rooms**	**Surface/Substrate**	**Lead Containing?** *(Method)*[2, 3]
(R4-L3)			(LA)
Red *(R4-L4)*	Observed in Rooms 4, 6, 7 and 16	Wood doors	NO (LA)
Blue *(R4-L5)*	Observed in Rooms 2, 5, 8, 15 and 17	Wood doors	NO (LA)
Green *(R4-L6)*	Observed in Room 9	Wood doors	NO (LA)
Black *(R4-L8)*	Observed in Room 12	Wood doors	NO (LA)
White *(R4-L9)*	Observed in Rooms 12 and 13	Gypsum board walls	NO (LA)
White *(R4-L11)*	Observed in Rooms 12 and 13	Wood stairs	NO (LA)
Blue *(R4-L12)*	Observed on the exterior of the building	Wood panel	NO (LA)
Red *(R4-L13)*	Observed on the exterior of the building	Wood deck	NO (LA)
Possibly Lead Containing			
Green *(R4-L7)*	Observed in Room 2	Metal stalls	Possible (LC)
Solder *(R4-L10)*	Observed on copper piping	Silver solder on copper water lines	Possible (LC)
White *(R4-L14)*	Observed on the exterior of the building	Metal eavestrough, soffit and fascia	Possible (LC)
Maintenance Garage (Including Sheds 1, 2 and 3), Reportedly Constructed in 1975			
Lead Containing			
Brown *(MG-L2)*	**Observed in Rooms 1, 2 and 3**	**Wood trim and cabinets**	**YES *(LA)***
Solder *(MG-L5)*	**Observed on copper piping**	**Silver solder on copper water lines**	**YES *(LC)***
Blue *(MG-L9)*	**Observed on the exterior of Shed 2**	**Wood siding**	**YES *(LA)***
Non-Lead Containing			
White *(MG-L1)*	Observed in Rooms 1, 2 and 3	Gypsum board walls and ceiling	NO (LA)
Grey *(MG-L4)*	Observed in Rooms 2 and 3	Poured concrete floor	NO (LA)
White *(MG-L6)*	Observed on the exterior of the Maintenance Garage	Wood door frame	NO (LA)
Grey *(MG-L8)*	Observed on the exterior of Shed 2	Metal door	NO (LA)
Red *(MG-L11)*	Observed on the exterior of Shed 3	Wood siding	NO (LA)

Table 2: Summary of Lead Results Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 – 25, 2017			
Description *(Sample reference #)*[1]	**Rooms**	**Surface/Substrate**	**Lead Containing?** *(Method)*[2, 3]
Possibly Lead Containing			
White *(MG-L3)*	Observed on the exterior of the Maintenance Garage	Metal door	Possible (LC)
Brown *(MG-L7)*	Observed on the exterior of Shed 1	Metal fascia	Possible (LC)
White *(MG-L10)*	Observed on the exterior of Shed 2	Metal fascia	Possible (LC)
Residences #1 and #2, Reportedly Constructed in 1977			
Lead Containing			
White *(R1-L2)*	**Observed in Rooms: 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14 and 15 of Residence 1; and Rooms 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 14 and 15 of Residence 2.**	**Gypsum board walls and ceilings**	**YES *(LA)***
Solder *(R1-L9)*	**Observed on copper piping in Residence 1 and 2**	**Silver solder on copper water lines**	**YES *(LC)***
Non-Lead Containing			
White *(R1-L1)*	Observed in Rooms: 1, 2, 3, 4, 5, 6, 7, 9 and 11 of Residence 1; and Rooms 1, 5, 6, 7, 8, 9, 11, 12 and 14 of Residence 2.	Wood trim, wall panelling and shelves	NO (LA)
Red *(R1-L3)*	Observed in Room 2 of Residence 1 and Room 7 of Residence 2	Wood doors	NO (LA)
Light Grey *(R1-L4)*	Observed in Rooms: 3, 4 and 5 of Residence 1; and Rooms 2, 3, 4 and 13 of Residence 2.	Gypsum board walls	NO (LA)
Grey *(R1-L5)*	Observed in Rooms: 3, 4, 5, 12, 13, 14 and 15 of Residence 1; and Rooms 3, 4 and 13 of Residence 2.	Wood trim	NO (LA)
Green *(R1-L6)*	Observed in Room 6 of Residence 1 and Room 2 of Residence 2	Wood doors	NO (LA)
Orange *(R1-L7)*	Observed in Room 7 of Residence 1 and Room 6 of Residence 2	Wood doors	NO (LA)
Yellow *(R1-L8)*	Observed in Room 8 of Residence 1	Wood shelves and gypsum board walls	NO (LA)
Navy Blue *(R1-L10)*	Observed in Room 12 of Residence 1	Metal door and frame	NO (LA)
White *(R1-L12)*	Observed on the exterior of Residence 1 and 2	Wood trim	NO (LA)
Blue *(R2-L1)*	Observed in Room 1 of Residence 2	Wood doors	NO (LA)
Possibly Lead Containing			

Table 2: Summary of Lead Results Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 – 25, 2017			
Description *(Sample reference #)*[1]	**Rooms**	**Surface/Substrate**	**Lead Containing?** *(Method)*[2, 3]
White *(R1-L11)*	Observed on the exterior of Residence 1 and 2	Metal fascia	Possible (LC)
White *(R1-L13)*	Observed on the exterior of Residence 1 and 2	Metal door	Possible (LC)
Residences #7, #8 and #9, Reportedly Constructed in 1977			
Lead Containing			
No lead containing materials were identified in these buildings.			
Non-Lead Containing			
Light Beige *(R7-L1)*	Observed in Rooms: 1, 8, 9, 10, 13, 14 and 16 of Residence 7; Rooms 1, 4, 8, 9, 10 and 14 of Residence 8; and Rooms 1, 8, 9, 10, 14 and 16 of Residence 9.	Gypsum board walls	NO (LA)
White *(R7-L2)*	Observed in Rooms 1 and 11 of Residence 7; and Rooms 1 and 11 of Residence 9.	Metal doors	NO (LA)
Red *(R7-L3)*	Observed in Rooms 2 and 13 of Residence 7; Rooms 6 and 13 of Residence 8; and Rooms 2, 5 and 13 of Residence 9.	Wood doors	NO (LA)
Light Blue *(R7-L4)*	Observed in Rooms 2, 3, 4 and 6 of Residence 7; and Rooms 2, 3, 5 and 6 of Residence 8.	Gypsum board walls	NO (LA)
Teal *(R7-L5)*	Observed in Room 3 of Residence 7	Wood doors	NO (LA)
Dark Blue *(R7-L6)*	Observed in Rooms 4, 7 and 14 of Residence 7; Rooms 3 and 14 of Residence 8; and Rooms 3 and 14 of Residence 9.	Wood doors	NO (LA)
White *(R7-L7)*	Observed in Rooms 5, 7, 11, 12 and 15 of Residence 7; Rooms 7, 11, 12, 13, 15 and 16 of Residence 8; and Rooms 4, 7, 8, 11, 12 and 15 of Residence 9.	Gypsum board walls	NO (LA)
Light Blue *(R7-L8)*	Observed in Room 5 of Residence 7, and Room 4 of Residence 8	Metal doors and gypsum board walls	NO (LA)
Orange *(R7-L9)*	Observed in Room 6 of Residence 7	Wood doors	NO (LA)
Dark Beige *(R7-L10)*	Observed in Room 7 of Residence 7, and Room 7 of Residence 9	Metal stalls	NO (LA)
Yellow *(R7-L11)*	Observed in Room 11 of Residence 7	Wood and gypsum board walls	NO (LA)

Table 2: Summary of Lead Results Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 – 25, 2017			
Description *(Sample reference #)*[1]	**Rooms**	**Surface/Substrate**	**Lead Containing?** *(Method)*[2, 3]
Green *(R7-L12)*	Observed in Room 16 of Residence 7; Rooms 2 and 5 of Residence 8; and Room 6 of Residence 9.	Wood doors	NO (LA)
Dark Brown *(R7-L14)*	Observed in Room 11 of Residence 7	Wood shelves	NO (LA)
Blue *(R8-L1)*	Observed in Room 7 of Residence 8	Metal stalls	NO (LA)
Purple *(R9-L1)*	Observed in Rooms 2, 3, 5 and 6 of Residence 9	Gypsum board walls	NO (LA)
Black *(R9-L2)*	Observed in Room 7 of Residence 9	Wood doors	NO (LA)
Red/Brown *(R9-L3)*	Observed in Room 11 of Residence 9	Wood cabinets	NO (LA)
Possibly Lead Containing			
Solder *(R7-L13)*	Observed on copper piping	Silver solder on copper water lines	Possible (LC)
White *(R7-L15)*	Observed on the exterior of Residence 7, 8 and 9.	Metal fascia	Possible (LC)
Residences #5, Reportedly Constructed in 1992			
Lead Containing			
No lead containing materials were identified in this building.			
Non-Lead Containing			
Light Brown *(R5-L1)*	Observed in Rooms 1, 4 and 17	Gypsum board walls	NO (LA)
White *(R5-L2)*	Observed in Rooms 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 17	Gypsum board walls and ceilings	NO (LA)
Blush *(R5-L3)*	Observed in Rooms 2 and 10	Gypsum board walls	NO (LA)
Light Blue *(R5-L4)*	Observed in Room 5	Gypsum board walls	NO (LA)
Green *(R5-L5)*	Observed in Room 2	Wood doors	NO (LA)
Blue *(R5-L6)*	Observed in Rooms 5, 9, 13 and 14	Wood doors	NO (LA)
Red *(R5-L7)*	Observed in Rooms 7 and 17	Wood doors	NO (LA)
Orange *(R5-L8)*	Observed in Room 8	Wood doors	NO (LA)
Teal *(R5-L9)*	Observed in Rooms 2, 5, 8 and 10	Wood shelves	NO (LA)
Yellow *(R5-L10)*	Observed in Rooms 8 and 12	Gypsum board and wood walls	NO (LA)
Possibly Lead Containing			

Table 2: Summary of Lead Results Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 – 25, 2017			
Description *(Sample reference #)*[1]	**Rooms**	**Surface/Substrate**	**Lead Containing?** *(Method)*[2, 3]
White *(R5-L11)*	Observed in Rooms 4 and 12	Metal door	Possible (LC)
Solder *(R5-L12)*	Observed on copper piping	Silver solder on copper water lines	Possible (LC)
White *(R5-L13)*	Observed on the exterior of the building	Metal soffit, fascia, and eavestrough	Possible (LC)
Residences #6, Reportedly Constructed in 1992			
Lead Containing			
Green *(R6-L9)*	**Observed in Rooms 5 and 9**	**Wood doors**	**YES *(LA)***
Non-Lead Containing			
White *(R6-L1)*	Observed in Rooms 1, 2, 3, 10, 11 and 12	Gypsum board walls	NO (LA)
Teal *(R6-L3)*	Observed in Rooms 2, 6 and 8	Wood doors	NO (LA)
Red *(R6-L4)*	Observed in Rooms 4 and 16	Wood doors	NO (LA)
Light Green *(R6-L5)*	Observed in Rooms 4, 5, 7 and 8	Gypsum board walls	NO (LA)
Grey *(R6-L6)*	Observed in Room 6	Gypsum board walls	NO (LA)
Blue *(R6-L7)*	Observed in Rooms 7 and 13	Wood doors	NO (LA)
Light Beige *(R6-L8)*	Observed in Rooms 9, 13 and 14	Gypsum board walls	NO (LA)
Yellow *(R6-L11)*	Observed in Room 12	Wood walls	NO (LA)
Light Grey *(R6-L12)*	Observed in Room 12	Wood shelves	NO (LA)
Possibly Lead Containing			
Beige *(R6-L2)*	Observed in Room 2	Metal stalls	Possible (LC)
Solder *(R6-L10)*	Observed on copper piping	Silver solder on copper water lines	Possible (LC)
White *(R6-L13)*	Observed in Room 12	Metal doors	Possible (LC)
White *(R6-L14)*	Observed on the exterior of the building	Metal soffit, fascia, and eavestrough	Possible (LC)
Staff Building, Unknown Construction Date			
Lead Containing			
No lead containing materials were identified in this building.			
Non-Lead Containing			

Table 2: Summary of Lead Results Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 – 25, 2017			
Description *(Sample reference #)*[1]	**Rooms**	**Surface/Substrate**	**Lead Containing?** *(Method)*[2, 3]
Grey *(SB-L2)*	Observed on the exterior of the building	Wood siding	NO (LA)
Possibly Lead Containing			
White *(SB-L1)*	Observed on the exterior of the building	Metal doors	Possible (LC)
Recreation Hall (Den), Unknown Construction Date			
Lead Containing			
No lead containing materials were identified in this building.			
Non-Lead Containing			
Brown *(Den-L2)*	Observed in Room 1	Gypsum board walls	NO (LA)
Brown *(Den-L9)*	Observed in Room 1	Wood partition wall	NO *(LA)*
Green *(Den-L3)*	Observed in Rooms 1, 2, 4, 5, 7 and 8	Metal doors	NO (LA)
Black *(Den-L4)*	Observed in Room 1	Wood stage	NO (LA)
Purple *(Den-L6)*	Observed in Room 7	Gypsum board walls	NO (LA)
Blue *(Den-L7)*	Observed in Room 8	Gypsum board walls	NO (LA)
Light Beige *(Den-L8)*	Observed in Rooms 1, 2, 3, 4, 5, 6, 7 and 8	Gypsum board walls	NO (LA)
Grey *(VS-SB-L2)*	Observed on the exterior of the building	Wood siding	NO (LA)
Possibly Lead Containing			
Beige *(Den-L5)*	Observed in Rooms 4 and 5	Metal stalls	Possible (LC)
High School, Reportedly Constructed in 2000			
A visual inspection of the High School was completed. No potential lead-containing materials were observed in the building. Based on the reported date of construction lead-containing materials are not expected to be present.			
Residence #11, #12, #13 and #14, Reportedly Constructed in 2000			
A visual inspection of the Residence buildings was completed. No potential lead-containing materials were observed in the buildings. Based on the reported date of construction lead-containing materials are not expected to be present.			
Notes: 1. Colours listed refer to the observed paint colour. 2. LA = Material sampled and submitted for laboratory analysis; LC = Material assessed for lead content using lead checking swabs; R = Material reported to have been installed and painted in the last 17 years (i.e. construction date in or around the year 2000) and is not expected to contain lead. 3. **Lead-containing (i.e. greater than or equal to 0.009% lead) shown in bold font.** 4. *Possible lead-containing materials (e.g. materials that could not be collected in sufficient quantity to determine lead content or where sampling would have damaged finished surfaces) are shown in italics. These materials should be*			

Table 2: Summary of Lead Results Pelican Falls First Nations High School 650 Pelican Falls Road, Sioux Lookout, ON February 22 – 25, 2017			
Description ***(Sample reference #)[1]***	**Rooms**	**Surface/Substrate**	**Lead Containing?** ***(Method)[2, 3]***
sampled in sufficient quantity and analyzed for lead content prior to any activity that may disturb them (e.g. renovations).			