

## Request for Bid

# Demolition and Remediation Services

<p style="text-align: center;"><b>Institutional &amp; Residential Demolitions Project for The Town of Drumheller</b></p>
--

Tender issued June 8, 2022  
Tender closing June 29, 2022 – 2:00:00 P.M. MDT

Submit to:

**Gisele Leao,**

Project Manager | Alberta Region

**Colliers Project Leaders**  
335 8th Avenue SW  
900 Royal Bank Building,  
Calgary, Alberta, Canada T2P 1C9  
[Gisele.Leao@colliersprojectleaders.com](mailto:Gisele.Leao@colliersprojectleaders.com)

Colliers Doc. # P0303-1568035704-20 (2.0)

---

## Table of Contents

<b>1</b>	<b>INVITATION .....</b>	<b>4</b>
1.1	Mandatory and Optional Site Visits .....	4
<b>2</b>	<b>PROJECT INFORMATION.....</b>	<b>4</b>
2.1	Overview .....	4
2.2	Project Objective .....	5
2.3	Description of the Institutional and Residential Properties .....	5
2.4	Anticipated Project Schedule.....	8
<b>3</b>	<b>DEMOLITION AND REMEDIATION SCOPE OF SERVICES .....</b>	<b>8</b>
3.1	Demolition .....	8
3.2	Certifications and Permits .....	8
3.3	Utility Disconnects .....	9
3.4	Re-use of Materials.....	9
3.5	Salvage of Materials.....	9
3.6	Extend of Underground Demolition .....	9
3.7	Hazardous Materials.....	9
3.8	Expected Condition of Site at Completion of Demolition and Remediation .....	10
3.9	Responsibility for Temporary Facilities.....	10
3.10	Site Security .....	10
3.11	Special Requirements .....	11
3.12	Additional Specifications .....	11
3.13	Safety .....	11
<b>4</b>	<b>THE TOWN'S REQUIREMENTS .....</b>	<b>11</b>
4.1	Form of Contract.....	11
4.2	Town's Right to Award the Contract in Whole or in Parts.....	11
4.3	Town's Right to Cancel Project and/or Terminate the Demolition Contractor(s) Engagement .....	11
4.4	Trade Agreements .....	12
4.5	Insurance and Bonding Requirements.....	12
4.6	Business License .....	12
4.7	Prime Contractor .....	13
<b>5</b>	<b>MANDATORY BID REQUIREMENTS.....</b>	<b>13</b>
<b>6</b>	<b>INFORMATION TO BIDDERS.....</b>	<b>13</b>
6.1	Contacts for Bid Information, Questions, and Addenda.....	13
6.2	Confidentiality .....	14
6.3	Freedom of Information and Protection of Privacy Act (FOIPP).....	14
6.4	Disqualification .....	14
6.5	Closing of Tender .....	15
6.6	Amendment of Bids .....	15
6.7	Withdrawal of Bids .....	15
6.8	Bids Irrevocable after Submission Deadline .....	15
<b>7</b>	<b>EVALUATION OF BIDS.....</b>	<b>16</b>

<b>8</b>	<b>BID TERMS AND CONDITIONS .....</b>	<b>16</b>
8.1	Defined Terms .....	16
8.2	Bidders to Follow Instructions .....	17
8.3	Information in Tender.....	17
8.4	Bidders Shall Bear Their Own Costs.....	17
8.5	Bidders to Review Tender.....	17
8.6	Communication after Tender Issuance – Contact for Tender Information and Questions .....	17
8.7	All New Information to Bidders by Way of Addenda.....	18
8.8	Post-Deadline Addenda and Extension of Submission Date.....	19
8.9	Verify, Clarify and Supplement.....	19
8.10	All Bids Retained by the Town of Drumheller.....	19
8.11	Timeline for Finalizing Agreement.....	19
8.12	Process Rules for Agreement Negotiations .....	19
8.13	Failure to Enter into Agreement / Post Submission Date Negotiations .....	19
8.14	Notification to Other Bidders .....	20
8.15	No Contract A and No Claims .....	20
8.16	No Contract until Execution of Written Agreement.....	20
8.17	Bidder Not to Communicate with Media.....	20
8.18	Confidential Information of the Town of Drumheller.....	21
8.19	Indemnity.....	21
8.20	Reserved Rights, Limitation of Liability, and Governing Law.....	21
	<b>APPENDIX A - SIGNATURE FORM .....</b>	<b>24</b>
	<b>APPENDIX B – BID FORM .....</b>	<b>25</b>
	<b>APPENDIX C – SUMMARY OF UTILITY PRE-WORK .....</b>	<b>27</b>
	<b>APPENDIX D – HAZMAT REPORTS .....</b>	<b>33</b>
	<b>APPENDIX E – GENERAL PHOTOS .....</b>	<b>34</b>
	<b>APPENDIX F – MAP SHOWING LAND TRANSFER TO SENIORS HOME .....</b>	<b>39</b>
	<b>APPENDIX G – TREES SALVAGED .....</b>	<b>40</b>
	<b>APPENDIX H – INSPECTION REPORTS FOR RESIDENTIAL PROPERTIES.....</b>	<b>42</b>
	<b>APPENDIX I – ADDITIONAL SPECIFICATIONS.....</b>	<b>43</b>

## 1 INVITATION

The Town of Drumheller (the Town) seeks to obtain the services of qualified and licenced Alberta Demolition Contractor(s) to submit a Bid(s) to demolish and remediate all improvements on lands of the properties described below, through the Institutional & Residential Demolitions Project (the Project).

Removal of hazardous materials (hazmat) will be required in all properties prior to the planned demolition of the structures, which must be performed by qualified abatement subcontractor(s) engaged by the Demolition Contractor(s). The selected Demolition Contractor(s) will work with the Town's Infrastructure Services department and Colliers Project Leaders, the assigned Project Manager for this Project.

As described herein, the demolition and remediation services for each property will be evaluated for award on an individual basis. As such, the Town has the option to select one Demolition Contractor to perform the demolition of all properties as one package, or individual Demolition Contractors to demolish one or more properties, as deemed beneficial to the Town. Furthermore, the Bidders have the option to submit a bid for the demolition of one property, various properties, or all five properties.

### 1.1 Mandatory and Optional Site Visits

As a mandatory requirement, all bidders submitting a bid for the Health Centre, Consortium, and Nacmine Hotel must attend a mandatory site visit. The mandatory site visits are scheduled for June 17, 2022. Interested bidders must **confirm in writing to Gisele Leao (gisele.leao@colliersprojectleaders.com)** prior to June 15, 2022 at 2 PM.

Optional site visits for the residential properties can be accommodated. The optional site visits are tentatively scheduled for June 17, 2022. Interested bidders must **confirm in writing to Gisele Leao** prior to June 15, 2022 at 2 PM.

All contractors attending this site visit must attend with the following PPE - hard hat, steel toed boots, eye protection, mask, gloves.

## 2 PROJECT INFORMATION

### 2.1 Overview

The Town has recently taken ownership of three institutional properties that are required to be demolished. These institutional properties are the old Health Centre, the Consortium, and the Nacmine Hotel. The Town, through its Flood Resilience Program, has also acquired two residential properties, including outbuildings, that are required to be demolished. All five properties contain hazardous materials that will be required to be removed prior to demolition. Disposal of all materials, furniture, equipment, etc. remaining in the properties is included in the demolition.



## 2.2 Project Objective

The Project objective is to demolish these properties, including foundations (piles to be cut off 3m below the surface for Health Centre building) and all utilities to the property line, and return the sites back to adjacent grades. Further, all demolition tasks must be completed to meet all authorities having jurisdiction requirements.

## 2.3 Description of the Institutional and Residential Properties

The Health Centre was built in 1970 to replace an existing and aging facility in the same location, address 625 Riverside Drive East Drumheller. It is a two-story above grade concrete building of approximately 47,000 square feet that contains operating and surgical suites, x-ray and lab areas, an incinerator, patient rooms, change rooms, an industrial kitchen, storage rooms, mechanical/electrical and utility rooms, a loading dock, and more. It also has an existing surface parking lot of approximately 22,500 square feet. The Health Centre served the Town for 32 years before being decommissioned. Most furniture and hospital equipment were removed during this decommissioning phase. Note that initial asbestos abatement was completed in 2016, with some remaining abatement still required.



*Figure 1- The Old Heath Centre*

The Consortium was originally built in 1928 and in 1960 it was expanded to incorporate a library addition, address 601 5 St E Drumheller. This building has been abandoned for around 40 years and was partially burnt down 20 years ago. The remaining area after the fire is around 3,200 square feet and contains some offices and an open space where the library used to be. The building is partially furnished with a significant amount of old debris being stored in it.

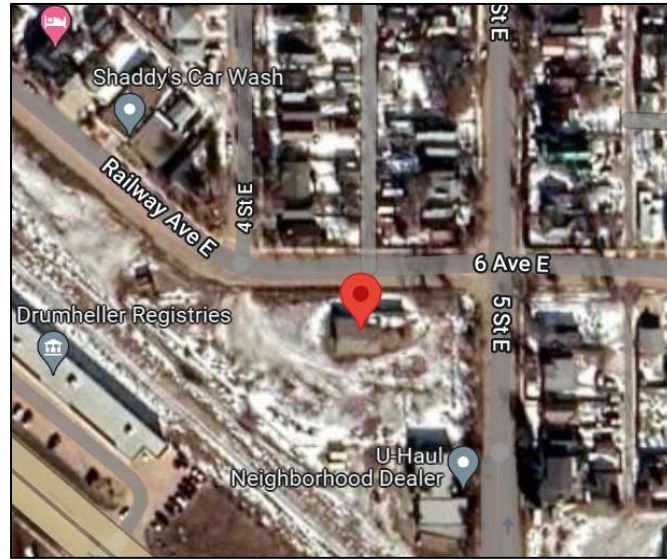


Figure 2 – Consortium

The Nacmine Hotel, address 572 Hunter Drive Drumheller is a two-story wood frame building with a partial concrete basement, constructed approximately 1949. The building was used as a hotel establishment and contains one bar with a dance floor area, a commercial kitchen, and multiple hotel rooms located upstairs. The floor area of both above grade floors is approximately 3,800 square feet. There is an approximately 340 square foot wooden deck on the east side of the building. The building is partially furnished.

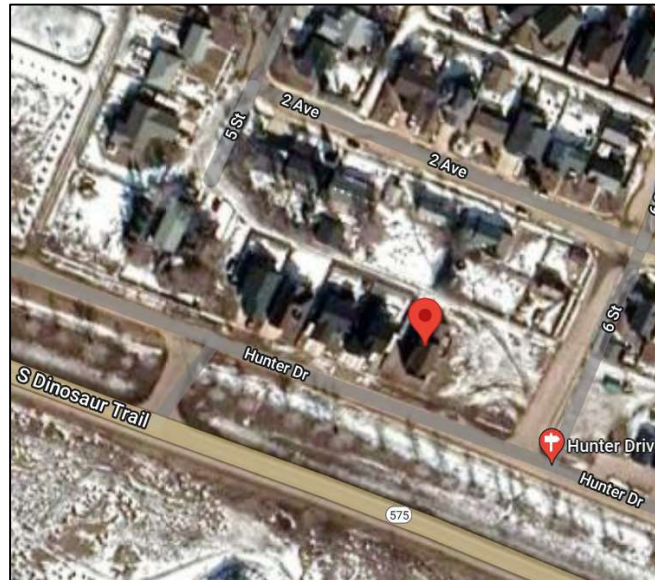


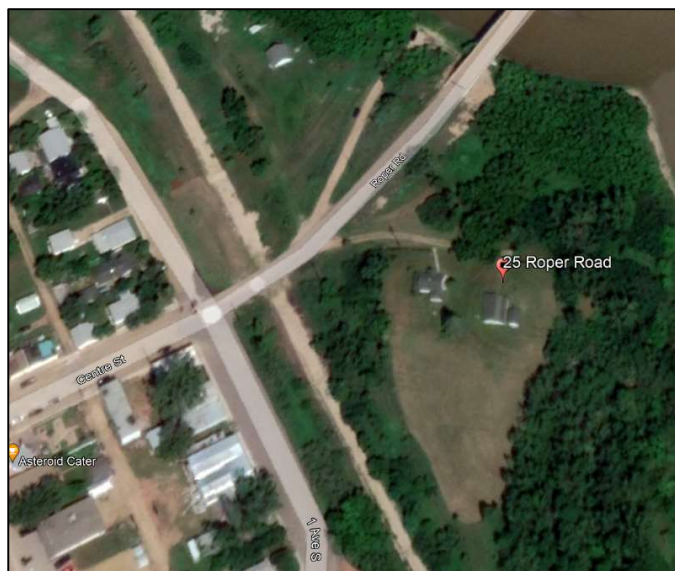
Figure 3 – Nacmine Hotel

With regards to the residential properties, the first property is at 109 4 Street West Drumheller and was constructed in the 1950's. It is approximately a 1,200 square feet single-story building with a basement, detached garage, and two detached outbuildings. Refer to Appendix H for a copy of an inspection report completed for this property.



*Figure 4 – 109 4 Street West*

The second residential property is located at 25 Roper Road Drumheller and was also constructed in the 1950's. It is approximately a 1,200 square feet two-story building with a basement, detached garage, and shed. Refer to Appendix H for a copy of an inspection report completed for this property.



*Figure 5 – 25 Roper Road*



## 2.4 Anticipated Project Schedule

The milestone schedule for this Project is as follows:

Milestones	Completion Date
Tender Issue Date	June 8, 2022
Notification of Interest in Participating in Tender	June 14, 2022
Mandatory Site Walk-throughs	June 17, 2022
Deadline for Questions	June 22, 2022
Deadline for Issuing Addenda	June 27, 2022
Tender Closing Date	June 29, 2022
Notification to Successful Bidder(s)	July 7, 2022
Pre-Construction Kick-Off Meeting	July 13, 2022
Demolition and Remediation Timeline	July 14 to August 31, 2022

## 3 DEMOLITION AND REMEDIATION SCOPE OF SERVICES

Following are the scope of services but are not limited to:

### 3.1 Demolition

The Demolition Contractor(s) will be responsible for the demolition, removal, and proper disposal of all structures, concrete foundations, and contents situated one meter inside the property line of the properties to be demolished. The Demolition Contractor(s) will be responsible for all costs of transport and proper disposal of all demolition debris, including all waste facility fees (inclusive of tipping fees), following the Environmental Protection Act and meeting the local jurisdiction requirements.

The Demolition Contractor(s) will be responsible to set up an account for direct payment with the local waste facility, Drumheller & District Regional Landfill (403-823 -1345).

All building materials must be removed from the site. Burial of material below grade is not allowed.

### 3.2 Certifications and Permits

The Demolition Contractor(s) will be responsible for obtaining all certifications and permits necessary for the completion of the project from the appropriate regulatory agencies.

The only exception is the Demolition Permit required for each building being demolished, which will be obtained by the Town in advance.

### **3.3 Utility Disconnects**

The Demolition Contractor(s) will be responsible for coordinating and ensuring all utility disconnects prior to commencing any demolition work, following appropriate regulatory agencies' requirements.

Colliers Project Leaders has provided utility pre-work in advance to expedite the process, which is summarized in Appendix C. Nonetheless, the Demolition Contractor(s) will be responsible to confirm that utility disconnects have been completed meeting local jurisdiction requirements and that it is in an acceptable condition to the applicable utility company prior to demolition.

### **3.4 Re-use of Materials**

No materials from the project are proposed for reuse by The Town of Drumheller.

### **3.5 Salvage of Materials**

Unless referenced otherwise in an addendum, the Demolition Contractor(s) shall take ownership of all scrap/salvage materials and be permitted to recycle and reuse the items as desired at the contractor's risk.

### **3.6 Extend of Underground Demolition**

The Health Centre consists of concrete pile foundations, the remaining four projects consist of standard spread footings.

On the Health Centre, the Demolition Contractor shall cut off and remove all the piles to 3m below the current grades.

On the remaining properties, the spread footings and any other foundation system shall be fully removed and disposed of.

The Demolition Contractor(s) will be responsible for the demolition of all the foundations. The foundation should be removed and the opening filled with compacted clean fill on 6-inch lifts at 90% PROCTOR density. Approved and suitable material shall be placed as backfill in all excavated areas and graded to the elevation necessary to provide positive surface drainage to all areas of the site.

### **3.7 Hazardous Materials**

The Demolition Contractor(s) will be responsible to abate and dispose in an approved manner meeting all local jurisdiction requirements of all the hazardous materials identified in the hazmat reports provided in Appendix D. Removal of hazardous materials will be required in all properties prior to the planned demolition of the structures, which must be performed by qualified abatement subcontractor(s) engaged by the Demolition Contractor(s).

### **3.8 Expected Condition of Site at Completion of Demolition and Remediation**

It is expected that the Demolition Contractor(s) will backfill all excavated areas with suitable material and grade the area to provide for positive surface drainage for the entire site (generally, 0.5% min. slope from the highest point of the adjacent curb or sidewalk). The Demolition Contractor(s) will be responsible for the installation of silt fencing at the edge of curbs or sidewalks to prevent sediment runoff. The Demolition Contractor(s) will be responsible for repairs of damage to any adjacent structures, and any curbing, sidewalk, or asphalt damaged during the Project.

Upon completion of the demolitions, the ultimate site condition for each site should be as prescribed below:

- Health Centre: The property will need to be reclaimed to grass utilizing hydroseed c/w 150mm topsoil. The Demolition Contractor will be responsible to maintain the grass until the second cutting, at which time the Town will take over the maintenance of the lot.

The Demolition Contractor will be required to protect and salvage the existing trees specified in Appendix G. All other trees will be required to be disposed of in accordance with local jurisdiction requirements.

The portion of the lot that has been sold to the Seniors Home will not require grass and instead should be allowed for a dirt surface. Refer to Appendix F for the map showing the land being transferred to the Seniors Home.

- Consortium and Nacmine Hotel: These properties will need to be reclaimed to a gravel surface. The gravel layer will need to be 150mm and will need to be placed over geotextile fabric.
- 109 4 Street West and 25 Roper Road: The property will need to be reclaimed to grass utilizing hydroseed c/w 150mm topsoil. The Demolition Contractor(s) will be responsible to maintain the grass until the second cutting, at which time the Town will take over the maintenance of the lot. The Demolition Contractor(s) will be further responsible to remove all content from the septic tanks, remove the septic tanks' tops, and backfilled them with gravel.

### **3.9 Responsibility for Temporary Facilities**

The Demolition Contractor(s) will be responsible for all temporary facilities necessary to successfully complete the project – including, but not limited to, portable restrooms, site fencing, site office, power, water, etc.

### **3.10 Site Security**

The Demolition Contractor(s) shall be responsible for site security for the duration of the Project and coordination of construction activities with all subcontractors on site.

The Demolition Contractor(s) is(are) responsible for emergency response coordination and for responding to site issues during non-working hours. The Demolition Contractor(s), in consultation with the Town of Drumheller, shall establish a list of contacts for responses and communication. In the event of any emergencies, the Demolition Contractor(s) shall contact the Town of Drumheller and the Project Manager immediately.

### **3.11 Special Requirements**

Caution and care must be exercised to prevent damage to adjacent property, sidewalks, pedestrians, and streetscape and to ensure that existing businesses in the area can operate normally without significant disruption during demolition activities. All required street closures shall be approved by The Town of Drumheller. Any scheduling of same and coordination will be the responsibility of the Demolition Contractor(s).

### **3.12 Additional Specifications**

In addition to the above scope of work, please refer to Additional Specifications in Appendix I, to be read in conjunction with and to be adhered to this Tender and project scope.

### **3.13 Safety**

This Project will comply with all codes, standards, regulations, and workers' safety rules that are administered by federal and provincial agencies (WCB, COR, OSHA, etc.), and any other local regulations and standards (i.e., building codes) that may apply.

## **4 THE TOWN'S REQUIREMENTS**

### **4.1 Form of Contract**

The services contract(s) will consist of this Tender, future addenda (if any), the proposal(s) submitted as a response to this Tender by the Successful Bidder(s) including the WCB(s) and Certificate of Insurance(s), Bonding Documents, and the Town's purchase order.

### **4.2 Town's Right to Award the Contract in Whole or in Parts**

The demolition and remediation services for each property will be assessed separately. As such, the Town has the option to select one Demolition Contractor to perform the demolition of all properties as one big package, or individual Demolition Contractors to demolish one or more properties, as deemed beneficial to the Town.

### **4.3 Town's Right to Cancel Project and/or Terminate the Demolition Contractor(s) Engagement**

The Town reserves the right to cancel the Project and/or terminate the Demolition Contractor(s) engagement should funding or any other factors, as determined by the Town, necessitate this outcome.

In the event of project cancellation or termination of the Demolition Contractor(s) engagement, the Bidder(s) agrees to not hold the Town responsible for costs other than those directly incurred on the Project up to the notice date.

#### **4.4 Trade Agreements**

The Town adheres to the Canadian Trade Agreements with respect to sourcing, which include the Canadian Free Trade Agreement (CFTA), the New West Partnership Trade Agreement (NWPTA), the Comprehensive Economic, and Trade Agreement (CETA).

#### **4.5 Insurance and Bonding Requirements**

The Demolition Contractor(s) shall, prior to commencement of the service, provide evidence of Comprehensive General Liability insurance for an inclusive limit of not less than \$5,000,000 liability for any one occurrence or accident for all claims arising out of bodily injury, property damage, personal injury, and non-owned automobiles. The Contractor will co-insure both Colliers Project Leaders and the Town of Drumheller.

The Demolition Contractor(s) shall, prior to commencement of the services, provide evidence of Pollution Liability insurance for an inclusive limit of not less than \$5,000,000 liability per occurrence for bodily injury, death, and damage to property. The Contractor will co-insure both Colliers Project Leaders and the Town of Drumheller.

The Demolition Contractor(s)' insurer will endorse to provide the Town with not less than 30 days' notice in writing in advance of any cancellation or change or amendment restricting coverage.

The Demolition Contractor(s) warrants that it will assume liability for all work undertaken by its contractor team (sub-contractors).

Within three (3) days of receipt of notification of acceptance of its offer of services, the Demolition Contractor(s) shall provide the Client with Certificates of Insurance evidencing that the required insurances are in full force and effect.

The Demolition Contractor(s) shall include in their bid the cost of bonds or certified cheques. Bonds or certified cheques shall be included for the following:

- Labour and Material Bond / Certified Cheque = 50% of the proposed cost
- Performance Bond / Certified Cheque = 50% of the proposed cost

#### **4.6 Business License**

The Demolition Contractor(s) shall, prior to commencement of the service, obtain a Business License from the Town of Drumheller. The Demolition Contractor(s) shall include in their bid the cost to obtain such Business License.



#### 4.7 Prime Contractor

The Demolition Contractor(s) shall solely and fully accept, undertake, and assume the role of Prime Contractor and all of the associated responsibilities, obligations, and liabilities imposed on the Prime Contractor under Alberta Occupational Health & Safety Act for all aspects of a project, including (but not limited to) overseeing and managing the health and safety of all parties arising from all aspects of an assigned project.

The Demolition Contractor(s) must acknowledge and agree that its role as Prime Contractor is irrevocable and unlimited, unless otherwise duly agreed upon by the Town in writing, notwithstanding any use of or reliance on the Town's or any other's construction and safety procedures, protocols, criteria, or standards as minimum requirements for completion of a project.

### 5 MANDATORY BID REQUIREMENTS

The mandatory requirements of a compliant Bid to this Tender, are to address and or include the following:

- Submit a certificate of insurance naming Town of Drumheller and Colliers Project Leaders named as an additional insured with the bid.
- Attend the mandatory site visit for the Health Centre, Consortium, and Nacmine Hotel
- Appendix A – Signature Form
- Appendix B – Bid Form

### 6 INFORMATION TO BIDDERS

#### 6.1 Contacts for Bid Information, Questions, and Addenda

Any questions or requests for information in regard to this Tender must be directed through MERX (Q&A Function) to:

<b>Tender Administrator</b>
Gisele Leao
Project Manager, Owner's Representative
Email: <a href="mailto:gisele.leao@colliersprojectleaders.com">gisele.leao@colliersprojectleaders.com</a>

All questions and subsequent answers from the Tender Administrator will be provided to all Bidders in a written form and through amendments published on MERX.com.

The Town will not be responsible for information released outside of the authorized process. Under no circumstances are inquiries related to this Tender to be directed to the Town's Council or staff or any other entity or organization affiliated with the Town. Failure to abide by the authorized process may result in disqualification of that Bidder's Bid.

Written questions will be accepted until

**7 calendar days prior to bid closing**

The Bidder has the responsibility at all times to notify the Tender Administrator by e-mail of any ambiguity, divergence, error, omission, oversight, or contradiction contained in the Tender as it is discovered or to request any instruction, decision or direction which may be required to prepare its Bid. In order for the Town to deal effectively with any concern about any provision of the Tender, such concerns must be communicated in writing to the Tender Administrator(s) immediately.

Issuance of addenda by the Tender Administrator will be acceptable until

**2 calendar days prior to bid closing**

## **6.2 Confidentiality**

Information pertaining to the Town obtained by the bidder, its employees, and agents as a result of its participation in relation to the Tender, is confidential and must not be disclosed by the Bidder except as authorized in advance by the Town.

## **6.3 Freedom of Information and Protection of Privacy Act (FOIPP)**

Bidder's responses, including the bid, become the property of the Town and, as such, may, at a future date, be subject to the protection and disclosure provisions of the Freedom of Information and Protection of Privacy (FOIPP) Act. This Act allows any person the right to access records in custody or control of a public body subject to indicated and specific exemptions. The Freedom of Information and Protection of Privacy Act and Regulation Chapter F-18.5 can be obtained through the Queens Printer website (<http://qpsource.gov.ab.ca>).

It is recommended that the Bidder identify those areas of their Bid Response that they consider proprietary to their business or confidential in accordance with FOIPP.

## **6.4 Disqualification**

A Bid may be disqualified and not receive further consideration if:

- The Bid has failed to meet or has not been submitted in accordance with instructions and the procedural requirements of this Tender;
- The Bidder fails to cooperate in any attempt by the Town to verify the information contained in their Bid submission;

- The Town in its sole discretion finds that a Bidder has made an attempt to contact a person (Town official, Council Member) with respect to this Bid other than those identified within the Tender, staff or affiliated partner;
- At any time during the Tender process, it is found and at the Town's sole and absolute determination, that the Bid contains incomplete, false, or misleading information or a conflict of interest exists; and
- The Bid meets any grounds for disqualification set out elsewhere in this Tender invitation.

## 6.5 Closing of Tender

The Bid, signed by the Bidder's authorized representative, must be received through MERX.com not later than:

**June 29, 2022 14:00 hours Calgary Time**

Bidders may not submit new or revised Bids after the specified deadline date. The opening of the Bid responses will be closed to the public.

## 6.6 Amendment of Bids

Bidders may amend their Bid prior to the closing date and time.

## 6.7 Withdrawal of Bids

Bidders may withdraw their Bid prior to the closing date and time.

## 6.8 Bids Irrevocable after Submission Deadline

Bids shall be irrevocable for a period of 45 calendar days following the closing date.

Note – all times specified in this Tender timetable are local times in Calgary, Alberta, Canada.

The Town may change the Tender timetable at its sole and absolute discretion at any time prior to the Bid Submission Deadline.

In the event a change is made to any of the above dates, the Tender Administrator will post any such change on the MERX Online Bidding System.

The Town may amend any timeline, including the Bid Submission Deadline, without liability, cost, or penalty, and within its sole discretion. In the event of any change in the Bid Submission Deadline, the Bidders may thereafter be subject to the extended timeline.

## 7 EVALUATION OF BIDS

It is the intent of the Town to select the most effective Bid that meets the requirements and provides the best overall value to the Town, taking into consideration the experience, capacity, and costs that are being proposed by the Bidder. The Town may or may not conduct discussions, request further information or clarifications, either in succession or concurrently, with selected Bidders on the content of their Bid(s) without becoming obligated to clarify or seek further information from any or all other Bidders.

## 8 BID TERMS AND CONDITIONS

### 8.1 Defined Terms

In this Tender, the following terms will have the meanings set out in form of agreement referenced in this Tender or as otherwise defined in this Tender or below, unless the context requires otherwise:

**“Agreement”** means the written contract to be entered into by the successful Bidder with the Town of Drumheller for the supply of Deliverables as described in this Tender.

**“Tender Administrator”** means the individual identified in Section 6.1.

**“Deadline for Issuing Addenda”** means the deadline for issuing addenda date set out in Section 6.1.

**“Deadline for Questions”** means the deadline for questions date and time set out in Section 6.1.

**“Deliverables”** means the goods and/or services to be delivered under the Agreement, as more fully described in Section 3.

**“Bidder”** means a person (including an individual, firm, corporation, or other legal entity) providing or submitting a Bid in response to this Tender.

**“Bid”** means a proposal or submission in response to this Tender, whether or not compliant.

**“Tender”** means this Request for Bid described in Section 1, as modified, amended or supplemented from time to time, including any addenda issued in connection herewith.

**“Tender Issue Date”** means the date this Tender is issued as set out in Section 2.4.

**“Submission Date”** means the submission date and time set out in Section 6.5.

## **8.2 Bidders to Follow Instructions**

Bidders should structure their Bids in accordance with the instructions in this Tender. Where information is requested in this Tender, any response made in a Bid should reference the applicable Section or subsection numbers of this Tender where that request was made.

## **8.3 Information in Tender**

The Town of Drumheller Personnel makes no representation, warranty, or guarantee as to the accuracy of the information contained in this Tender or issued by way of addenda. Any quantities shown or data provided are estimates based on historical data and information to the knowledge of the Town of Drumheller Personnel involved with this Tender. Such quantities or data are for the sole purpose of indicating to Bidders the general size and scope of the work or goods and services. The Bidder must verify all of the necessary information to prepare a Bid in response to this Tender.

## **8.4 Bidders Shall Bear Their Own Costs**

Each Bidder shall bear all costs associated with or incurred in the preparation and presentation of its Bid, including, if applicable, costs incurred for interviews or demonstrations.

## **8.5 Bidders to Review Tender**

Bidders shall promptly examine all of the documents comprising the Tender, and:

- a. shall report any errors, omissions, or ambiguities; and
- b. may direct questions or seek additional information in writing to the Tender Administrator. It is the responsibility of the Bidder to seek clarification from the Bid Manager on any matter it considers to be unclear. The Town of Drumheller shall not be responsible for any misunderstanding on the part of the Bidder concerning the Tender or its process.

## **8.6 Communication after Tender Issuance – Contact for Tender Information and Questions**

- All questions or requests for information regarding this Tender must be directed to the Tender Administrator through MERX Q&A Function or by email on or before the Deadline for Questions.
- All questions submitted by Bidders by email to the Tender Administrator shall be deemed to be received once the email has entered into the Tender Administrator's email inbox.
- No communications or questions are to be directed to anyone other than the Tender Administrator. A Bid may be disqualified if the Bidder contacts any representative of the Town of Drumheller other than the Tender Administrator.

- The Town of Drumheller is under no obligation to provide additional information and will not be responsible for any information provided by or obtained from any source other than the Tender Administrator.
- All questions and subsequent answers from the Tender Administrator will be provided in written form. Oral responses to any inquiry are not binding.
- All questions submitted by Bidders will be categorized as questions that are of general application and that would apply to other Bidders (“**General Questions**”), unless the Bidder indicates that the question is commercially sensitive or confidential and the Town of Drumheller accepts such categorization (“**Commercially Confidential Questions**”).
- If the Town of Drumheller disagrees with the Bidder’s categorization of a question as a Commercially Confidential Question, then the Town of Drumheller will give the Bidder an opportunity to either categorize the question as a General Question or to withdraw the question.
- If the Town of Drumheller determines, in its sole discretion, that a Bidder’s categorized Commercially Confidential Question, even if it is withdrawn by the Bidder, is of general application or would provide a significant clarification of the Tender documents or the Tender process to Bidders, the Town of Drumheller may issue a clarification to Bidders that deals with the same subject matter as the withdrawn Commercially Confidential Question.
- If the Town of Drumheller agrees with the Bidder’s categorization of a Commercially Confidential Question, then the Town of Drumheller will provide a response to that question to only the Bidder that submitted the Tender Question.
- The Town of Drumheller’s response to questions will be provided to all prospective Bidders through MERX Online Bidding System, unless it is a Commercially Confidential Question. The identity of the Bidder submitting the Tender Question Form will not be disclosed.
- Only a response to a Bidder question that has been incorporated into or issued as an addendum will modify or amend the Tender, otherwise, responses to Tender Questions will have no effect whatsoever on the Tender and must not be relied upon by any Bidders.

## **8.7 All New Information to Bidders by Way of Addenda**

This Tender may be amended only by an addendum in accordance with this Section. If the Town of Drumheller, for any reason, determines that it is necessary to provide additional information relating to this Tender, such information will be communicated to all Bidders by addendum and will be posted on the MERX Online Bidding System. Each addendum forms part of and is an integral part of this Tender. Any such addenda may contain important information, including significant changes to this Tender. Bidders are responsible for obtaining all such addenda issued by the Town of Drumheller. In the

Submission and Signature Form (Appendix A), Bidders should confirm their receipt of all addenda by setting out the number of each addendum in the space provided.

### **8.8 Post-Deadline Addenda and Extension of Submission Date**

If any addendum is issued after the Deadline for Issuing Addenda, the Town of Drumheller may, in its sole discretion extend the Submission Date for a reasonable amount of time. Notice of any such extension will be posted by way of an addendum to this Tender on the MERX Online Bidding System.

### **8.9 Verify, Clarify and Supplement**

When evaluating Bids, the Town of Drumheller may request further information from a Bidder or third parties in order to verify, clarify, or supplement the information provided in the Bidder's Bid. Responses to such requests from any Bidder received by the Town of Drumheller shall, if accepted by the Town of Drumheller, form an integral part of that Bidder's Bid, and if successful in this Tender process, form part of any resulting Agreement.

### **8.10 All Bids Retained by the Town of Drumheller**

The Town of Drumheller will not return the Bid or any accompanying documentation submitted by a Bidder, nor is the Town of Drumheller obligated to do so when a Bid is withdrawn by a Bidder.

### **8.11 Timeline for Finalizing Agreement**

The Town of Drumheller intends to enter into the Agreement with the top ranked Bidder within 15 calendar days following the notice of selection to that Bidder. Any negotiations related to the Agreement are expected to be concluded within such 15-day period.

### **8.12 Process Rules for Agreement Negotiations**

Any Agreement negotiations will be subject to the process rules contained in this Terms and Conditions of the Tender Process and will not constitute a legally binding offer to enter into a contract on the part of the Town of Drumheller or the Bidder. Negotiations may include requests by the Town of Drumheller for supplementary information from the Bidder to verify, clarify or supplement the information provided as part of its Bid or to confirm the conclusions reached in the evaluation.

### **8.13 Failure to Enter into Agreement / Post Submission Date Negotiations**

The Town of Drumheller may, at any time before final contract award, negotiate the Agreement, including additional or modified terms to the Agreement, as follows:

- a. commence Agreement negotiations with the top-ranked Bidder;

- b. if negotiations with the top-ranked Bidder do not lead to financial and other terms acceptable to the Town of Drumheller within the 15-day period referred to in Section 8.11 or within such longer reasonable period of time solely determined by the Town of Drumheller, the Town of Drumheller will be entitled to reject that Bidder's Bid and seek to commence Agreement negotiations with the next ranking Bidder, and if agreement is reached with the next ranking Bidder, the Town will be entitled to award the Agreement to such next ranking Bidder. This process will continue until an Agreement is formalized, until there are no more Bidders remaining that are eligible for negotiations or until the Town of Drumheller elects to terminate the Tender process as contemplated in paragraph (c) below; and
- c. at any time before final contract award, the Town of Drumheller will be entitled to reject all Bids and terminate the Tender process.

#### **8.14 Notification to Other Bidders**

The Town of Drumheller will notify all Bidders by written notice and by notice posted on the MERX Online Bidding System of the outcome of the procurement process and the final award of contract.

#### **8.15 No Contract A and No Claims**

The procurement process under this Tender is not intended to create and shall not create a formal legally binding bidding process and shall instead be governed by the law applicable to direct commercial negotiations. For greater certainty and without limitation: (a) this Tender shall not give rise to any Contract A-based Tendering law duties or any other legal obligations arising out of any process contract or collateral contract; and (b) neither the Bidder nor the Town of Drumheller shall have the right to make any claims (whether in contract, tort or otherwise) against the other with respect to the award of a contract, failure to award a contract or failure to honor a response to this Tender.

#### **8.16 No Contract until Execution of Written Agreement**

The procurement process under this Tender is intended to identify prospective Bidders for the purposes of entering into or negotiating a potential agreement. No legal relationship or obligation regarding the procurement of any Deliverables hereunder shall be created between any Bidder and the Town of Drumheller by this Tender process until the successful negotiation and execution of an Agreement for the acquisition of the Deliverables.

#### **8.17 Bidder Not to Communicate with Media**

A Bidder may not at any time directly or indirectly communicate with the media in relation to this Tender or any contract awarded pursuant to this Tender without first obtaining the written permission of the Town of Drumheller.



### **8.18 Confidential Information of the Town of Drumheller**

As part of this Tender process, the Town of Drumheller may disclose information to the Bidder that is confidential or proprietary to the Town of Drumheller or its affiliates (“**Confidential Information**”). The Bidder shall not at any time reveal to any third party or use for the Bidder’s own purposes, any Confidential Information, including information to which the Bidder may become privy or which the Bidder may produce or prepare in the course of this Tender process. The Bidder will use reasonable efforts to maintain the confidentiality of all Confidential Information and in any event will exercise at least the same standard of care that it uses to protect the Bidder’s own confidential and proprietary information. The Bidder shall be entitled to disclose Confidential Information as required by law or by order of a court, tribunal or regulatory body having jurisdiction, provided that the Bidder shall take reasonable steps to maintain the confidentiality of the Confidential Information by such court, tribunal or regulatory body, shall promptly inform the Town of Drumheller, to the extent legally permitted, of any request for disclosure and shall cooperate with the Town of Drumheller if the Town of Drumheller chooses to challenge such a disclosure.

The Bidder’s obligations under this Section shall: (a) be effective as of the earlier of (i) the date that any Confidential Information has come to the knowledge of the Bidder; and (ii) the Tender Issue Date; and (b) survive the conclusion of this Tender process.

### **8.19 Indemnity**

The Demolition Contractor(s) shall hold harmless and shall fully indemnify the Town of Drumheller and Colliers Project Leaders from and against all claims and demands which may be brought against or made upon the Town of Drumheller against all loss, liabilities, judgments, costs, damages or expenses which the Town of Drumheller may sustain, suffer or be put unto resulting from, arising from, or in any way incidental to the performance of this agreement by the Demolition Contractor(s) or any other persons engaged by the Demolition Contractor(s) in the performance of services pursuant to this agreement during the term of this agreement.

### **8.20 Reserved Rights, Limitation of Liability, and Governing Law**

The Town of Drumheller reserves the right to:

- make public the names of any or all Bidders;
- request written clarification or the submission of supplementary written information and incorporate the Bidder’s response to that request for clarification or supplementary information into the Bid;
- assess a Bidder’s Bid on the basis of:
  - a. financial analysis determining the actual cost of the Bid when considering factors set out in the evaluation criteria and transition costs arising from the

- replacement of existing goods, services, practices, methodologies and infrastructure (howsoever originally established);
- b. the information provided by a Bidder pursuant to the Town of Drumheller exercising its clarification rights under this Tender process; and
  - c. other relevant information that arises during this Tender process until final award of contract that is covered by the evaluation criteria;
  - d. waive any minor discrepancies in a Bid;
  - e. verify with any Bidder or with a third party any information set out in a Bid;
  - f. disqualify any Bidder whose Bid contains misrepresentations or any other inaccurate or misleading information;
  - g. make changes, including substantial changes, to this Tender provided that those changes are issued by way of addenda in the manner set out in this Tender;
  - h. select any Bid that the Town of Drumheller deems to be most beneficial and advantageous to the Town of Drumheller or offers the overall best value and directly award to that Bidder irrespective of cost;
  - i. cancel this Tender process at any stage (without liability), request re-submissions, and/or issue a new Tender for the same or similar Deliverables;
  - j. accept any Bid in whole or in part;
  - k. reject any or all Bids;
  - l. depending upon the results and outcome of the Deliverables of this Tender as described herein, additional related work may come into existence whereupon the Town of Drumheller reserves the right to either utilize the services of the successful Bidder for this additional work, subject to the successful Bidder's performance, funding availability and successful negotiation of an agreement or return to the market with a new request for proposal when in the Town of Drumheller's best interest; or
  - m. award to multiple Bidders;
  - n. and these reserved rights are in addition to any other express rights or any other rights that may be implied in the circumstances.
- Concerning limited liability, by submitting a Bid, each Bidder agrees that:
    - a. neither the Town of Drumheller nor any Town of Drumheller Personnel will be liable, under any circumstances, for any claim arising out of this Tender

process including but not limited to costs of preparation of the Bid, loss of profits, loss of opportunity or for any other claim; and

- b. the Bidder waives any claim for any compensation of any kind whatsoever, including claims for cost of preparation of the Bid, loss of profit or loss of opportunity by reason of the Town of Drumheller's decision to not accept the Bid submitted by the Bidder, to award a contract to any other Bidder or to cancel this Tender process, and the Bidder shall be deemed to have agreed to waive such right or claim.
- The Governing Law and Interpretation shall be the terms and conditions in this section (Terms and Conditions of the Tender Process).
  - The Alberta Builder's Lien Act applies to this Tender and contract.

---

## APPENDIX A - SIGNATURE FORM

The following signature form must be included as part of your Bid Response. Failure to include the signature form with the response may result in the disqualification of the response.

The undersigned company represents and warrants that it is authorized to carry on business of this nature and that it is not disabled from performing the contract if awarded by any law of Canada or of the province of Alberta. The undersigned also acknowledges receipt, understanding, and has taken into consideration all the information presented in the Request for Bid. The undersigned further confirms and agrees that the person whose name is set out below is fully authorized to represent the company and to bind it to this response and contracts awarded pursuant to it and in all matters relating to or arising out of the subject matter of this response.

\_\_\_\_\_  
LEGAL CORPORATE NAME

\_\_\_\_\_  
DATE

\_\_\_\_\_  
MAILING ADDRESS

\_\_\_\_\_  
NAME AND TITLE (PLEASE TYPE)

\_\_\_\_\_  
CITY, PROVINCE, AND POSTAL CODE

\_\_\_\_\_  
E-MAIL ADDRESS

\_\_\_\_\_  
PHONE NUMBER

\_\_\_\_\_  
AUTHORIZED SIGNATURE

### ACKNOWLEDGEMENT OF ADDENDA RECEIVED (If Applicable)

We hereby acknowledge receipt of addenda and have modified our Tender accordingly.

INDICATE THE # OF ADDENDA RECEIVED  
(E.G. ADDENDA # 1,2,3)

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
SIGNATURE, NAME AND TITLE OF AUTHORIZED COMPANY OFFICIAL

\_\_\_\_\_  
DATE

## APPENDIX B – BID FORM

The Bid is based upon all requirements set out in this Tender and will remain open for 45 days after this Tender closes. All amounts to be quoted in Canadian Funds (\$) and exclude GST.

Bidders have the opportunity to fill out the Bid Form for any or all of the proposed demolition locations shown below.

### **1. HEALTH CENTRE BID:**

For the Demolition and Remediation as described in this Tender for the **Health Centre**, the bid shall be

\_\_\_\_\_ (\$ \_\_\_\_\_),  
exclusive of GST.

#### **Break-out Price (Included in the Fixed Fee)**

Hazmat abatement                      \$ \_\_\_\_\_

### **2. CONSORTIUM BID:**

For the Demolition and Remediation as described in this Tender for the **Consortium**, the bid shall be

\_\_\_\_\_ (\$ \_\_\_\_\_),  
exclusive of GST.

#### **Break-out Price (Included in the Fixed Fee)**

Hazmat abatement                      \$ \_\_\_\_\_

**3. NACMINE HOTEL BID:**

For the Demolition and Remediation as described in this Tender for the **Nacmine Hotel**, the bid shall be

\_\_\_\_\_ (\$ \_\_\_\_\_),  
exclusive of GST.

**Break-out Price (Included in the Fixed Fee)**

Hazmat abatement                      \$ \_\_\_\_\_

**4. 109 4 STREET WEST RESIDENTIAL PROPERTY BID:**

For the Demolition and Remediation as described in this Tender for the **109 4 Street West Residential Property**, the bid shall be

\_\_\_\_\_ (\$ \_\_\_\_\_),  
exclusive of GST.

**Break-out Price (Included in the Fixed Fee)**

Hazmat abatement                      \$ \_\_\_\_\_

**5. 25 ROPER ROAD RESIDENTIAL PROPERTY BID:**

For the Demolition and Remediation as described in this Tender for the **25 Roper Road Residential Property**, the bid shall be

\_\_\_\_\_ (\$ \_\_\_\_\_),  
exclusive of GST.

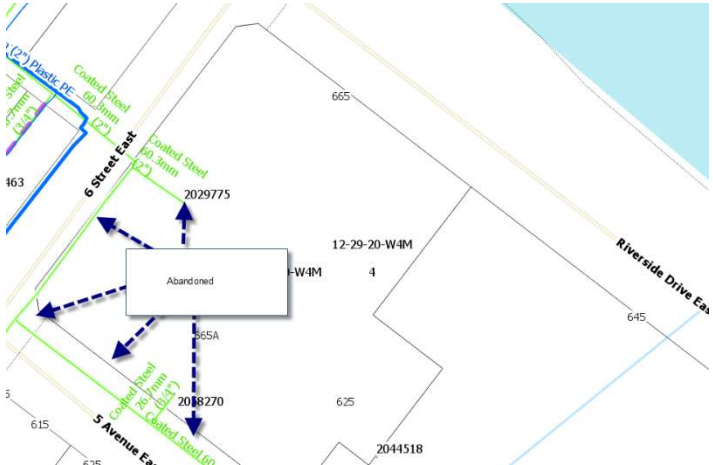

**Break-out Price (Included in the Fixed Fee)**



Hazmat abatement                      \$ \_\_\_\_\_

## APPENDIX C – SUMMARY OF UTILITY PRE-WORK

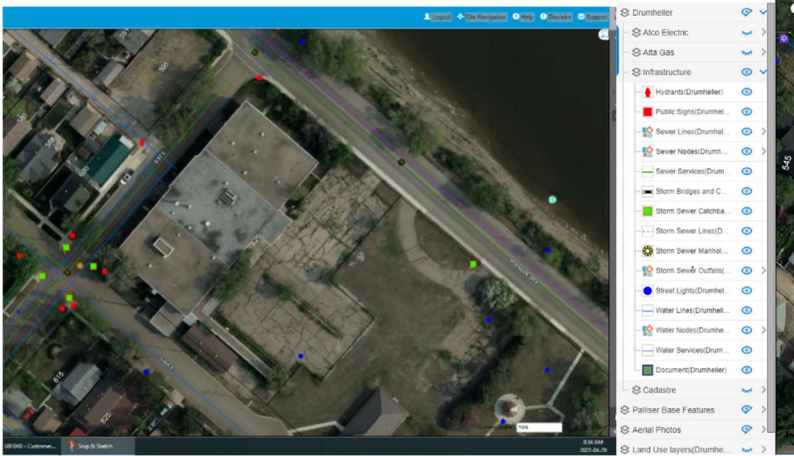
Colliers Project Leaders has provided utility pre-work in advance to expedite the Project schedule, which is summarized in Table 1.

Table 1 – Summary of Utility Pre-Work

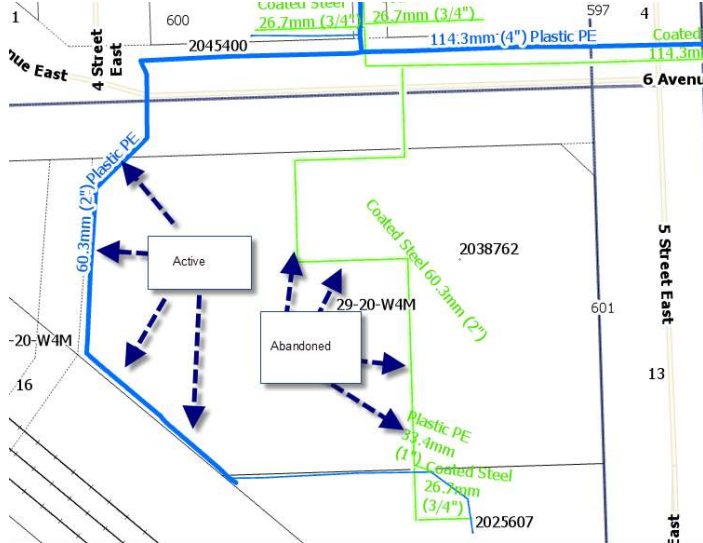
Utility Provider	Service	Comment
Health Centre		
Apex	Gas	<p>Apex confirmed that there are no active gas lines on site, only an abandoned gas line that can be removed.</p> 
ATCO Electric	Electricity	<p>ATCO Electric confirmed that the building is de-energized/disconnected and that all wires and meters have been removed.</p> <p>The padmount transformer that is still on site is tentatively scheduled to be removed by June 30, 2022.</p> 


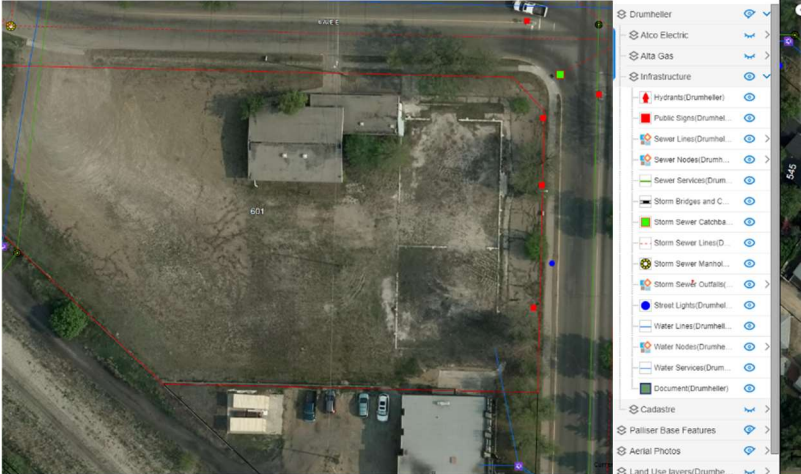
Utility Provider	Service	Comment
		<p>High voltage lines running along the south side of the building will need to be considered when planning for the demolition.</p>  <p>There is an underground riser pole on the South corner of the old Health Centre. These are live cables going underground to the Sunshine Lodge.</p> 
Bell	Fiber	Bell confirmed that no fiber lines are passing through the site.
Telus	Communications	Telus confirmed that all cables have been disconnected from their network. There were two 50-pair cables that were placed directly into the building that has been disconnected on their end and a 200-pair that was spliced into a pedestal on the South side of the building (on the North side of 5 Ave East beside the long skinny portion of the old Health Centre). The cable between this pedestal and the Health Centre has been disconnected. The cable feeding this pedestal from Telus end is still live.





Utility Provider	Service	Comment
Town's Utility Department	Water & Sewer	<p>It was confirmed that the water CC valve is in the off position, and the Town will mark the valve location closer to the start of demolition. The waterline will need to be capped at the property line, whilst the sewer lines will need to be capped at the nearest manhole or property line, whichever is more cost-effective for the Town.</p> 

**Consortium**

Apex	Gas	<p>Apex confirmed that there is a main gas line to the west side of the lot and an abandoned gas line running through the perimeter of the Consortium. The active line is not in conflict with the planned demolition as it is far away from the building, but special consideration should be made to avoid any potential damages to this active line. The abandoned gas line can be removed.</p> 
------	-----	--

Utility Provider	Service	Comment
ATCO Electric	Electricity	<p>ATCO Electric confirmed that the building is de-energized/disconnected and that all wires and meters have been removed (meter was not recovered after the fire).</p> <p>Low voltage/ communication cables going directly over the building will need to be considered when planning for the demolition.</p> 
Telus	Communications	<p>Telus confirmed that they have removed jumpers and cables from cross-connect, and that it does not have any overhead lines attached to the building. They informed that it may have some wiring inside however, they believe there should not be an issue as it would have gone to the part of the building that burned down years ago.</p>
Town's Utility Department	Water & Sewer	<p>No confirmation was given if the water CC valve is in the off position, but the Town will mark the valve location closer to the start of demolition for the Demolition Contractor to confirm. Water and sewer lines will need to be capped at the property line.</p> <p>The picture below shows the locations of the water and sewer lines, but it is missing where they are on the property (not shown).</p> 

Utility Provider	Service	Comment
Nacmine Hotel		
Apex	Gas	<p>There was an active gas line running to the Nacmine Hotel, which was removed on May 24, 2022. Apex confirmed that the line was capped off at the main gas line and the riser at the building should be cut off at ground level. There will be an abandoned gas line left but at no risk for demolition.</p> 
ATCO Electric	Electricity	<p>ATCO Electric confirmed that the building was de-energized/disconnected in 2014 and that all wires and meters have been removed.</p>
Telus	Communications	<p>Telus confirmed that the overhead communication lines that are still connected to the building were removed from their facilities.</p>
Town's Utility Department	Water & Sewer	<p>It was confirmed that the water CC valve is in the off position, and the Town will mark the valve location closer to the start of demolition. The water and sewer lines will need to be capped at the property line.</p> <p>The picture below shows the locations of the water and sewer lines, but it is missing where they are on the property (not shown).</p> 
Aqua 7 Regional Water Commission	Water	<p>While Alberta One ticket showed Aqua 7 Regional Water Commission as one of the utility providers in this building, it was confirmed that no water services are provided by them in this area.</p>

Utility Provider	Service	Comment
109 4 Street West		
Apex	Gas	Apex has confirmed that there is no active line on site – the gas line has been decommissioned.
ATCO Electric	Electricity	The Town has confirmed that the service has been disconnected and abandoned.
Telus	Communications	The Town has confirmed that the service has been disconnected and abandoned.
Town's Utility Department	Water & Sewer	The Town has confirmed that it has been disconnected.
25 Roper Road		
Big Country Gas Co-op	Gas	The gas line has been disconnected from the main line. Contractor to coordinate the riser disconnection and capping once they have been mobilized to site avoid having Big Country Gas Co-op mobilize a hoe for this work.
ATCO Electric	Electricity	The Town has confirmed that the service has been disconnected and abandoned.
Telus	Communications	The Town has confirmed that the service has been disconnected and abandoned.
Town's Utility Department	Water & Sewer	The Town has confirmed that it has been disconnected.

Also, please note additional requirements from the following utility providers:

- Apex: Abandoned gas lines can be removed if encountered. If the General Contractor(s) has to leave a portion of the abandoned gas line, Apex suggests spray foaming the line.
- ATCO Electric: The Demolition Contractor(s) will need to schedule a site visit with ATCO Electric prior to any demolition efforts to ensure work is completely safely. The Demolition Contractor(s) will need to contact ATCO 1-800-668-2248 5 days prior to the day they would like to schedule the on site meeting.
- Town's Utility Department: A Town representative will need to be present on site to visually inspect the capping of the water and sewer lines and confirm that these are done properly before the Demolition Contractor(s) closes/buries the capped lines. The Demolition Contractor(s) will be required to confirm with the Town if the proposed capping method is acceptable to the Utility Department.

**IMPORTANT:** The information provided in this appendix is for information only. It is the Demolition Contractor(s) responsibility to confirm that utility disconnects have been completed meeting local jurisdiction requirements and that it is safe to start demolition.

## **APPENDIX D – HAZMAT REPORTS**

Attached

(The Nacmine Hotel hazmat report is forthcoming via addendum)



## **Hazardous Building Materials Assessment (Pre-construction)**

Abandoned Health Centre  
625 Riverside Drive East,  
Drumheller, Alberta

Prepared for:

### **Town of Drumheller Public Works Building c/o Colliers Project Leaders**

900 Royal Bank Buildings, 335 8th Avenue  
SW  
Calgary, Alberta T2P 1C9

June 3, 2022

Pinchin File: 309336.000





**Issued to:** Town of Drumheller Public Works Building c/o Colliers Project Leaders  
**Issued on:** June 3, 2022  
**Pinchin File:** 309336.000  
**Issuing Office:** Calgary, AB

---

Author: \_\_\_\_\_  
Laura Carrier, Dipl. (EVT)  
Project Coordinator  
403.818.7129  
[lcarrier@pinchin.com](mailto:lcarrier@pinchin.com)

Project Manager: \_\_\_\_\_  
Shawn Ralph, Dipl. (EVM)  
Project Manager  
403.819.0537  
[sralph@pinchin.com](mailto:sralph@pinchin.com)

Reviewer: \_\_\_\_\_  
Silvana Wu, B.Sc.  
Operations Manager, South Alberta, Hazmat & IEQ  
403.993.2597  
[swu@pinchin.com](mailto:swu@pinchin.com)



## EXECUTIVE SUMMARY

Town of Drumheller Public Works Building c/o Colliers Project Leaders (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment at the Abandoned Health Centre located at 625 Riverside Drive East, Drumheller, Alberta. Pinchin performed the assessment on April 28 and 29, 2022.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation and demolition activities. The proposed work as identified by the Client includes complete demolition of the building.

The results of this assessment are intended for use with a properly developed scope of work or performance specifications and safe work procedures.

## SUMMARY OF FINDINGS

The following is a summary of significant findings; refer to the body of the report for detailed findings:

### Asbestos:

- Adhesive below carpet
- Drywall joint compound as a wall and ceiling finish, and pucks over block walls
- Parging cement on pipe elbows
- Texture coat as a ceiling finish
- Black caulking on windows
- Mastic on sinks
- All asbestos-containing materials were observed to be in good condition.

Lead: Lead in paints is present as follows: white paint on metal door trims, blue paint on metal door trims, grey paint on concrete floor, red paint on concrete floor, green paint on masonry block wall, orange paint on masonry block wall, and white paint on metal roof trim.

Silica: Crystalline silica is present in concrete, mortar, masonry, ceramics, grout, drywall, ceiling tiles and plaster.

Mercury: Mercury vapour is present in lamp tubes.

Polychlorinated Biphenyls (PCBs): Based on the date of construction, PCBs may be present in light ballasts.

Mould and Water Damage: Visible mould was observed on the wood wall of the Telephone Room (location 44).





## SUMMARY OF RECOMMENDATIONS

The following is a summary of significant recommendations; refer to the body of the report for detailed recommendations.

1. The following materials were in poor condition at the time of the assessment and can potentially create a breathing hazard if disturbed in an uncontrolled manner. Ensure personnel entering these areas are following appropriate controls and wearing appropriate respiratory protective equipment if required.
  - a. Mould impacted wooden wall from the Telephone Room (location 44).
  - b. Flaking lead-based paint from throughout the building (locations 3, 4, 5, 6, 7, 11, 14, 15, 16, 17, 18, 19, 20, 21, 24, and 133).
2. Items painted with paints containing elevated levels of lead may be a hazardous waste. Test lead-painted materials for leachable lead and other metals prior to disposal where required.
3. Prepare a scope of work or specifications and safe work procedures for the hazardous materials removal required for the planned work.
4. Do not disturb suspected hazardous building materials discovered during the planned work, which have not been identified in this report and arrange for further evaluation and testing.
5. Remove and properly dispose of asbestos-containing materials prior to demolition.
6. Remove and properly dispose of PCB ballasts when fixtures are decommissioned.
7. Recycle mercury-containing lamp tubes when removed from service.
8. Follow appropriate safe work procedures when handling or disturbing asbestos, lead, silica and mould.

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



## TABLE OF CONTENTS

1.0	INTRODUCTION AND SCOPE .....	1
1.1	Scope of Assessment .....	1
2.0	METHODOLOGY .....	1
3.0	BACKGROUND INFORMATION .....	2
3.1	Building Description .....	2
3.2	Existing Reports .....	2
4.0	FINDINGS .....	2
4.1	Asbestos .....	3
4.2	Lead .....	11
4.3	Silica .....	14
4.4	Mercury .....	14
4.5	Polychlorinated Biphenyls .....	14
4.6	Mould and Water Damage .....	15
5.0	RECOMMENDATIONS .....	16
5.1	General .....	16
5.2	Building Demolition Work .....	16
6.0	TERMS AND LIMITATIONS .....	17
7.0	REFERENCES .....	18

## APPENDICES

APPENDIX I	Drawings
APPENDIX II-A	Asbestos Analytical Certificates
APPENDIX II-B	Lead Analytical Certificates
APPENDIX II-C	PCB Analytical Certificates
APPENDIX III	Methodology
APPENDIX IV	Location Summary Report
APPENDIX V	Hazardous Materials Summary Report / Sample Log
APPENDIX VI	HMIS All Data Report



## 1.0 INTRODUCTION AND SCOPE

Town of Drumheller Public Works Building c/o Colliers Project Leaders (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment at the Abandoned Health Centre located at 625 Riverside Drive East, Drumheller, Alberta.

Pinchin performed the assessment on April 28 and 29, 2022. The surveyor was unaccompanied during the assessment. The assessed area was vacant at the time of the assessment.

The objective of the assessment was to identify specified hazardous building materials in preparation for complete demolition of the building.

The results of this assessment are intended for use with a properly developed scope of work or performance specification.

### 1.1 Scope of Assessment

The **assessed area** consisted of all parts of the building.

The assessment was performed to establish the type of specified hazardous building materials, locations and approximate quantities incorporated in the structure(s) and its finishes.

For the purpose of the assessment and this report, hazardous building materials are defined as follows:

- Asbestos
- Lead
- Silica
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Mould

## 2.0 METHODOLOGY

Pinchin conducted a room-by-room assessment (rooms, corridors, service areas, exterior, etc.) to identify the hazardous building materials as defined in the scope.

The assessment included demolition of wall and ceiling finishes (drywall or plaster) to view concealed conditions at representative areas as permitted by the current building use. Destructive testing of flooring was conducted where possible (under carpets or multiple layers of flooring). Demolition of exterior building finishes, masonry walls (chases, shafts etc.), and structural surrounds was conducted as permitted by the current building use.



Limited demolition of masonry block walls (core holes) was conducted to investigate for loose fill vermiculite insulation. Sampling of roofing materials was conducted

For further details on the methodology including test methods, refer to Appendix III.

### 3.0 BACKGROUND INFORMATION

#### 3.1 Building Description

Description Item	Details
Use	Hospital
Number of Floors	The building is two storeys
Total Area	The total area of the building is 47,000 square feet.
Year of Construction	The building was constructed in 1970.
Structure	Concrete, masonry block
Exterior Cladding	Brick, plaster
HVAC	Boiler and radiant heats, rooftop AC
Roof	Built up roofing
Flooring	Carpet, concrete, ceramic tiles, vinyl sheet
Interior Walls	Drywall, masonry block, plaster
Ceilings	Drywall, acoustic ceiling tiles

#### 3.2 Existing Reports

Pinchin was provided with the following reports

- Former Medical Centre, Riverside Drive and 6<sup>th</sup> Street East, Drumheller, Alberta, Clean-up of the building in preparation for Site Visits, August 11, 2016. Prepared by OSS Consulting Services Ltd.
- Asbestos Materials Survey, Drumheller District Health Services and Community Health Services Buildings, July 25, 2001. Prepared by EHP, Project Number A0919-01.

### 4.0 FINDINGS

The following section summarizes the findings of the assessment and provides a general description of the hazardous materials identified and their locations. For details on approximate quantities, condition, friability, accessibility and locations of hazardous materials; refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI.

Any quantities listed in this report or data tables are estimated based on visual approximations only and are subject to variation.

#### **4.1 Asbestos**

##### *4.1.1 Texture Finishes (Decorative)*

Texture finish, containing chrysotile asbestos, is present on the concrete deck in the ground floor Hallway (location 43, samples S0017A-C).



Asbestos-containing texture coat (sample S0017A) as a ceiling finish in the Hallway (location 43).

##### *4.1.2 Pipe Insulation*

Parging cement, containing chrysotile asbestos, is present on pipe elbows jacketed with canvas (samples S0012A-C).



Asbestos-containing parging cement (sample S0012B) on pipe elbow in the Vestibule (location 17).

##### *4.1.3 Duct Insulation and Mastic*

Ducts are uninsulated.

Mastic was not observed on sections of ducts inspected.

#### 4.1.4 Mechanical Equipment Insulation

Mechanical equipment (boilers, generators) is either uninsulated or insulated with non-asbestos fibreglass.

Pipes were obstructing access to the boilers at the time of the assessment. Additional investigation for suspect materials should be conducted prior to demolition.



General view of mechanical equipment.

#### 4.1.5 Vermiculite

Destructive testing was conducted of a representative selection of masonry block walls, including creating penetrations at thirteen locations. The locations of destructive testing have been indicated on the drawings in Appendix I.

Loose fill vermiculite was not observed within the cavities.



Intrusive inspection location in the Office (location 3).



Intrusive inspection location in Room 43 (location 45).

#### 4.1.6 Acoustic Ceiling Tiles

Acoustic ceiling tiles are present in the assessed area, as follows:

Size, Type, Pattern	Sample Locations	Sample Number or Date Code	Asbestos Type
24"x48" large fissures and pinholes	Administration Area (location 2) and Room 26 (location 75)	S0009A-B	None Detected
12"x12" fissures, mechanically fastened	Conference Room (location 119)	S0028A-C	None Detected



Non-asbestos 24"x48" large fissures and pinholes patterned acoustic ceiling tile (sample S0009A) in the Administration Area (location 2).



Non-asbestos 12"x12" fissures, mechanically fastened, acoustic ceiling tiles (sample S0028C) in the Conference Room (location 119).

#### 4.1.7 Plaster and Stucco

Plaster present on walls and ceilings throughout the assessed area does not contain asbestos (samples S0004A-C and S0014A-D).

Stucco present on the exterior does not contain asbestos (samples S0005A-C).





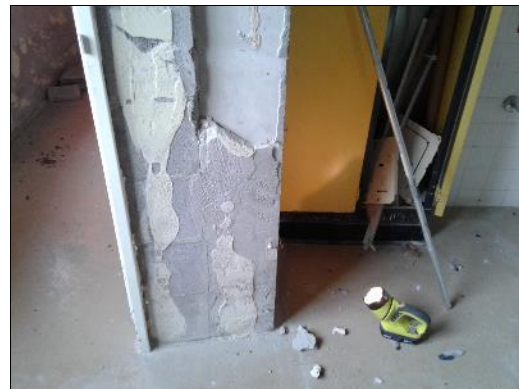
Non-asbestos plaster (sample S0004C) as a ceiling finish on the Exterior (location 1).



Non-asbestos stucco (sample S0005C) on the exterior (location 1).



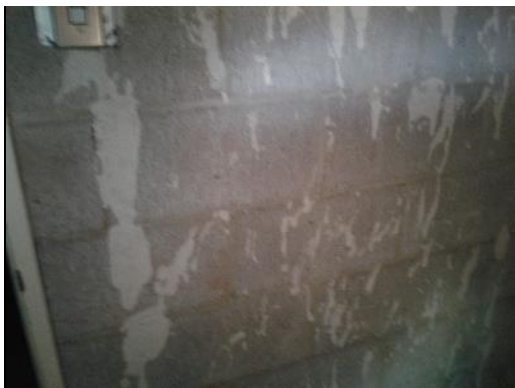
Non-asbestos plaster on the wall (sample S0014B) in Room 42 (location 47).



Non-asbestos plaster on the wall (sample S0014D) on the wall in Room 28 (location 72).

#### 4.1.8 Drywall Joint Compound

Drywall joint compound, containing chrysotile asbestos, is present on wall and ceiling finishes throughout the assessed area (samples S0010A-G, S0016A-C, and sample S0018A-E).



Asbestos-containing residual drywall joint compound pucks (sample S0010C) on the wall in Room 1013 (location 15).



Asbestos-containing residual drywall joint compound pucks (sample S0018C) on the wall in Room 33 (location 60).



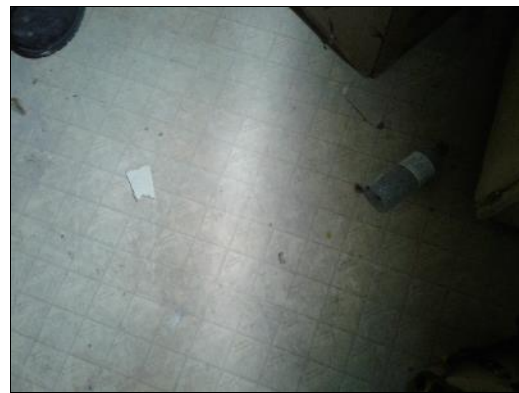
#### 4.1.9 Vinyl Sheet Flooring

Vinyl sheet flooring is present as follows:

Pattern, Colour	Sample Locations	Sample Number	Asbestos Type	Asbestos Type (Adhesive)
Grey streaks	Room 24 (location 79)	S0022	None Detected	None Detected
Cream squares	Nurses Room (location 115)	S0027	None Detected	None Detected



Non-asbestos grey streaks patterned vinyl sheet flooring (sample S0022) in Room 24 (location 79).



Non-asbestos cream squares patterned vinyl sheet flooring (sample S0027) in the Nurses Room (location 115).

#### 4.1.10 Firestopping

Firestopping (cementitious) present at pipe and conduit penetrations in the Hallway (location 22) does not contain asbestos (sample S0013).



Non-asbestos cementitious firestopping (sample S0013) in the Hallway (location 22).

#### 4.1.11 Sealants, Caulking, and Putty

The following table presents a summary of caulking, sealants and putties present:

Material, Colour	Application	Sample Locations	Sample Number	Asbestos Type
Caulking, grey	Windows	Exterior (location 1)	S0003	None Detected
Caulking, black	Windows	Room 42 (location 47)	S0021	Chrysotile
Caulking, white	Debris	Room 24 (location 79)	S0023	None Detected
Caulking, grey	Roof seams	Roof (location 133)	S0030	None Detected
Caulking, white and black	Piping	Roof (location 133)	S0031	None Detected



Non-asbestos grey caulking (sample S0003) on the window on the Exterior (location 1).



Asbestos-containing black caulking (sample S0021) on the window in Room 24 (location 47).



Non-asbestos white caulking debris (sample S0023) in Room 24 (location 79).



Non-asbestos grey caulking (sample S0030) on seams on the Roof (location 133).



Non-asbestos white and black caulking (sample S0031) on piping on the Roof (location 133).

#### 4.1.12 Roofing Products

The materials associated with the built-up roofing do not contain asbestos (samples S0006A-C).



Non-asbestos built-up roofing (sample S0006A) on the Roof (location 133).

#### 4.1.13 Other Building Materials

Brick mortar on the Exterior (location 1) does not contain asbestos (samples S0001A-G).

Parging cement over the concrete foundation on the Exterior (location 1) does not contain asbestos (samples S0002A-G).

Adhesive, containing chrysotile asbestos, is present below carpet throughout the building (sample S0007).

Wall adhesive in the Administration Area (location 2) does not contain asbestos (sample S0008).

Thin-set under ceramic tiles on the floor and walls in the building does not contain asbestos (samples S0011A-E and S0020A-G).

Non-slip flooring (sample S0015) does not contain asbestos.



Black mastic on the walls in the second floor does not contain asbestos (sample S0024).

Mastic below the sink in the Nurses Room (location 84) contains chrysotile asbestos (sample S0025).

An unidentified cement product on the floor in the Office (location 106) does not contain asbestos (sample S0026).

Black mastic on pipe penetrations on the Roof (location 133) does not contain asbestos (sample S0029).



Non-asbestos brick mortar (sample S0001G) and non-asbestos paring cement over foundation (sample S0002G) on the Exterior (location 1).



Asbestos-containing adhesive below carpet (sample S0007) in the Administration Area (location 2).



Non-asbestos adhesive (sample S0008) on the concrete block wall in the Administration Area (location 2).



Non-asbestos thin-set (sample S0011D) on the wall in the Cafeteria (location 28).



Non-asbestos non-slip flooring (sample S0015) in the Cafeteria (location 28).



Non-asbestos black mastic (sample S0024) on the wall in Room 23 (location 81).



Asbestos-containing mastic below the sink (sample S0025) in the Nureses Room (location 84).



Non-asbestos unidentified cement product (sample S0026) on the floor in the Office (location 106).



Non-asbestos black mastic (sample S0029) at a pipe penetration on the Roof (location 133).

#### 4.1.14 Excluded Materials

The following is a list of materials which may contain asbestos and was excluded from the assessment due to access issues on the day of the assessment. These materials are presumed to contain asbestos until otherwise proven by sampling and analysis:

- Elevator and lift brakes
- Electrical components
- Refractory materials and insulations in boilers, incinerators and stacks
- Sealants on pipe threads

## 4.2 Lead

### 4.2.1 Paints and Surface Coatings

Refer to the lab report(s) in Appendix II-B and the Hazardous Materials Summary Report in Appendix V for details on paints sampled and their locations.

The following table summarizes the analytical results for paints sampled contain above 0.009% (90 mg/kg) lead.

Sample Number	Colour, Substrate Description	Sample Location	Lead (%)
L0003	White paint on metal door frames	Boiler Room (Loc. 23)	0.068
L0004	Blue paint on metal door frames	Shower Room (location 16)	0.084
L0005	White paint on metal door frames	Vestibule (location 17)	2.2
L0006	Grey paint on concrete floor	Generator Room (location 25)	0.34
L0007	Red paint on concrete floor	Mechanical Room (location 27)	0.011
L0008	Green paint on masonry block wall	Laundry Area (location 36)	0.024
L0009	Orange paint on masonry block wall	Laundry Area (location 36)	2.6
L0010	White paint on metal roof trim	Room (location 133)	0.41



Non-lead based pink paint (sample L0001) on the stucco Exterior (location 1).



Non-lead based white paint (sample L0002) on the masonry block wall in the Administration Area (location 2).



Lead-based white paint (sample L0003) on the metal door frame in the Office (location 3).



Lead-based blue paint (sample L0004) on the metal door frame in the Shower Room (location 16).





Lead-based white paint (sample L0005) on the metal door frame in the Vestibule (location 17).



Lead-based grey paint (sample L0006) on the concrete floor in the Generator Room (location 25).



Lead-based red paint (sample L0007) on the concrete floor in the Mechanical Room (location 27).



Lead-based green paint (sample L0008) and lead-based orange paint (sample L0009) on the masonry block wall in the Laundry Area (location 36).



Lead-based white paint (sample L0010) on the metal trim on the Roof (location 133).

#### 4.2.2 Lead Products and Applications

Lead products were not found during the assessment.

#### 4.2.3 *Excluded Lead Materials*

Lead is known to be present in a number of materials which were not assessed or sampled. The following materials, where found, should be presumed to contain lead.

- Electrical components, including wiring connectors, grounding conductors, and solder
- Solder on pipe connections
- Glazing on ceramic tiles

### 4.3 **Silica**

Crystalline silica is known to be a component of the following materials:

- Poured or pre-cast concrete
- Masonry and mortar
- Ceramic tiles and grout
- Plaster
- Drywall
- Ceiling tiles
- Refractory or ceramic materials in high temperature mechanical equipment

### 4.4 **Mercury**

#### 4.4.1 *Lamps*

Mercury vapour is present in fluorescent lamp tubes.

#### 4.4.2 *Mercury-Containing Devices*

Mercury-containing devices were not found during the assessment.

### 4.5 **Polychlorinated Biphenyls**

#### 4.5.1 *Caulking and Sealants*

Refer to the Hazardous Materials Summary Report in Appendix V for details on caulking sampled and their locations. All caulking materials sampled can be considered non-PCB solids based on the threshold (50 mg/kg).



#### 4.5.2 *Lighting Ballasts*

The building has not been comprehensively re-lamped with energy efficient light fixtures (evidence of T-12 fixtures, and as such, a percentage of light ballasts may be manufactured prior to 1980 and may contain PCBs.

#### 4.5.3 *Transformers*

Transformers were not found during the assessment.

#### 4.5.4 *Excluded PCB Materials*

PCBs are known to be present in a number of materials and equipment which were not assessed or sampled. The following materials, where found, should be presumed to contain PCBs until sampling proves otherwise.

- Capacitors within or associated with electrical equipment
- Voltage regulators and capacitors
- Hydraulic fluids
- Paints
- Lubricants

### 4.6 **Mould and Water Damage**

Visible mould growth and water staining is present on the wood wall in the Telephone Room (location 44). There is approximately 500 square feet of visible mould growth.



Mould growth on the wood wall in the Telephone Room (location 44).



## 5.0 RECOMMENDATIONS

### 5.1 General

1. The following materials were in poor condition at the time of the assessment and can potentially create a breathing hazard if disturbed in an uncontrolled manner. Ensure personnel entering these areas are following appropriate controls and wearing appropriate respiratory protective equipment if required.
  - a. Mould impacted wooden wall from the Telephone Room (location 44).
  - b. Flaking lead-based paint from throughout the building (locations 3, 4, 5, 6, 7, 11, 14, 15, 16, 17, 18, 19, 20, 21, 24, and 133).
2. Prepare scope of work or performance specifications for hazardous material removal required for the planned work. The specifications should include, safe work practices, personal protective equipment, respiratory protection, and disposal of waste materials.
3. If suspected hazardous building materials are discovered during the planned work, which are not identified in this report, do not disturb and arrange for further testing and evaluation.
4. Provide this report and the detailed plans and specifications to the contractor prior to bidding or commencing work.
5. Retain a qualified consultant to specify, observe and document the successful removal of hazardous materials.

### 5.2 Building Demolition Work

The following recommendations are made regarding demolition involving the hazardous materials identified.

#### 5.2.1 Asbestos

Remove all asbestos-containing materials (ACM) prior to demolition work following safe work procedures.

If the identified ACM will not be removed prior to commencement of the work, any potential disturbance of ACM must follow asbestos precautions appropriate for the type of work being performed.

Asbestos-containing materials must be disposed of at a landfill approved to accept asbestos waste.

#### 5.2.2 Lead

Construction disturbance of lead in paint and coatings (or other materials) may result in exposure to lead dust or fumes and safe work procedures are required. Project specific work procedures, engineering



controls and personal protective equipment will need to be assessed and developed as per applicable regulations and guidelines.

Items painted with paints containing elevated levels of lead may be a hazardous waste. Test lead-painted materials for leachable lead and other metals prior to disposal.

Lead-containing items should be recycled when taken out of service.

### *5.2.3 Silica*

Construction disturbance of silica-containing products may result in excessive exposures to airborne silica, especially if performed indoors and dry. Cutting, grinding, drilling or demolition of materials containing silica should be completed only with proper respiratory protection and other worker safety precautions that comply with per applicable regulations and guidelines.

### *5.2.4 Mercury*

Do not break lamps. Recycle and reclaim mercury from fluorescent lamps when taken out of service. Mercury is classified as a hazardous waste and must be disposed of in accordance with applicable regulations.

### *5.2.5 PCBs*

Prior to demolition, remove light fixtures and examine light ballasts for PCB content. If ballasts are not clearly labelled as "non-PCB" or are suspected to contain PCBs; package and ship ballasts for destruction at a federally permitted facility.

### *5.2.6 Mould*

Use appropriate precautions and protect workers during hand removal, using methods that comply with provincial guidelines. A qualified consultant should specify, inspect and verify the successful removal of mould-impacted finishes.

## **6.0 TERMS AND LIMITATIONS**

This work was performed subject to the Terms and Limitations presented or referenced in the proposal for this project.

Information provided by Pinchin is intended for Client use only. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law. Any use by a third party of reports or documents authored by Pinchin or any reliance by a third party on or decisions made by a third party based on the findings described in said documents, is the sole responsibility of such third parties.



Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted. No other warranties are implied or expressed.

## 7.0 REFERENCES

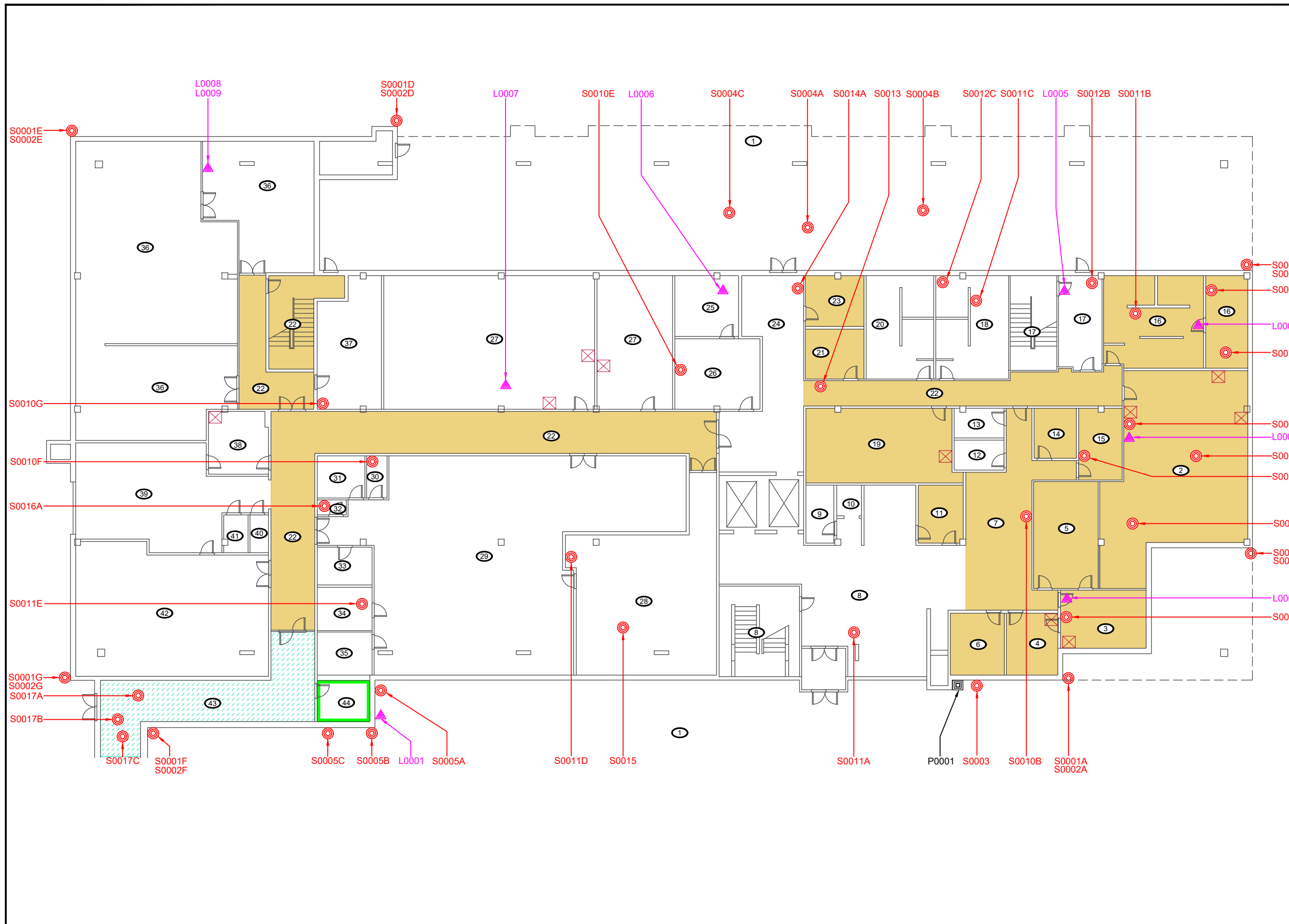
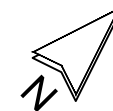
The following legislation and documents were referenced in completing the assessment and this report:

1. Alberta Asbestos Abatement Manual, Government of Alberta, Ministry of Labour and Immigration.
2. Occupational Health and Safety Act, Regulations and Code, Province of Alberta.
3. Waste Control Regulation, Environmental Protection and Enhancement Act, Alberta Regulation 192/96.
4. Alberta User Guide for Waste Managers, Alberta Environmental Protection.
5. Guidelines for the Disposal of Asbestos Waste, Alberta Environment.
6. Occupational Health and Safety Bulletin, Lead at the Work Site, Government of Alberta, Human Services.
7. Best Practices Mould at the Work Site, Government of Alberta, Employment and Immigration.
8. PCB Regulations, SOR/2008-273, Canadian Environmental Protection Act.
9. Surface Coating Materials Regulations, SOR/2016-193, Canada Consumer Product Safety Act.
10. Consolidated Transportation of Dangerous Goods Regulations, including Amendment SOR/2019-101, Transportation of Dangerous Goods Act.

\\FSCAL\Job\309000s\0309336.000 TownofDrumheller,625Riverside,Haz,Assmt\Deliverables\309336.000 Hazardous Building Materials Assessment 625 Riverside Drive East, Drumheller, Alberta, June 2022.docx

Template: Master Report for Hazardous Materials Assessment (Pre-Construction), HAZ, July 29, 2021

**APPENDIX I**  
**Drawings**



**LEGEND**

- PINCHIN LOCATION NUMBER
- ASBESTOS BULK SAMPLE
- LEAD BULK SAMPLE
- PCB BULK SAMPLE
- INTRUSIVE INSPECTION
- MOULD GROWTH ON WALL

**ASBESTOS-CONTAINING MATERIALS:**

- FLOOR ADHESIVE
- TEXTURE COAT CEILING

NOT ALL KNOWN OR SUSPECTED HAZARDOUS BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE HAZARDOUS BUILDING MATERIALS ASSESSMENT REPORT FOR A COMPLETE LIST OF KNOWN AND SUSPECTED HAZARDOUS BUILDING MATERIALS.

**NOTES:**

1. DRYWALL JOINT COMPOUND IS ASBESTOS-CONTAINING WHERE FOUND THROUGHOUT THE BUILDING.
2. PARING CEMENT ON PIPE ELBOWS IS ASBESTOS-CONTAINING WHERE FOUND THROUGHOUT THE BUILDING.
3. BLACK CAULKING ON WINDOWS IS ASBESTOS-CONTAINING WHERE FOUND THROUGHOUT THE BUILDING.

LEGEND IS COLOUR DEPENDENT. NON-COLOUR COPIES MAY ALTER INTERPRETATION.

**PINCHIN**

PROJECT NAME:  
**HAZARDOUS BUILDING MATERIALS ASSESSMENT**

CLIENT NAME:  
**TOWN OF DRUMHELLER**





PROJECT LOCATION:  
**GENERAL HOSPITAL  
625 RIVERSIDE DRIVE EAST,  
DRUMHELLER, ALBERTA**

FIGURE NAME:  
**GROUND FLOOR**

PROJECT NUMBER: <b>309336.000</b>	SCALE: <b>NOT TO SCALE</b>
DRAWN BY: <b>BPC</b>	REVIEWED BY: <b>SR</b>
DATE: <b>JUNE 02/22</b>	FIGURE NUMBER: <b>1 OF 3</b>



**LEGEND**

-  PINCHIN LOCATION NUMBER
-  ASBESTOS BULK SAMPLE
-  PCB BULK SAMPLE
-  INTRUSIVE INSPECTION

NOT ALL KNOWN OR SUSPECTED HAZARDOUS BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE HAZARDOUS BUILDING MATERIALS ASSESSMENT REPORT FOR A COMPLETE LIST OF KNOWN AND SUSPECTED HAZARDOUS BUILDING MATERIALS.

- NOTES:**
1. DRYWALL JOINT COMPOUND IS ASBESTOS-CONTAINING WHERE FOUND THROUGHOUT THE BUILDING.
  2. PARPING CEMENT ON PIPE ELBOWS IS ASBESTOS-CONTAINING WHERE FOUND THROUGHOUT THE BUILDING
  3. BLACK CAULKING ON WINDOWS IS ASBESTOS-CONTAINING WHERE FOUND THROUGHOUT THE BUILDING.

LEGEND IS COLOUR DEPENDENT. NON-COLOUR COPIES MAY ALTER INTERPRETATION.



PROJECT NAME:  
**HAZARDOUS BUILDING MATERIALS ASSESSMENT**

CLIENT NAME:  
**TOWN OF DRUMHELLER**

PROJECT LOCATION:  
**GENERAL HOSPITAL  
625 RIVERSIDE DRIVE EAST,  
DRUMHELLER, ALBERTA**

FIGURE NAME:  
**SECOND FLOOR**

PROJECT NUMBER:  
**309336.000**

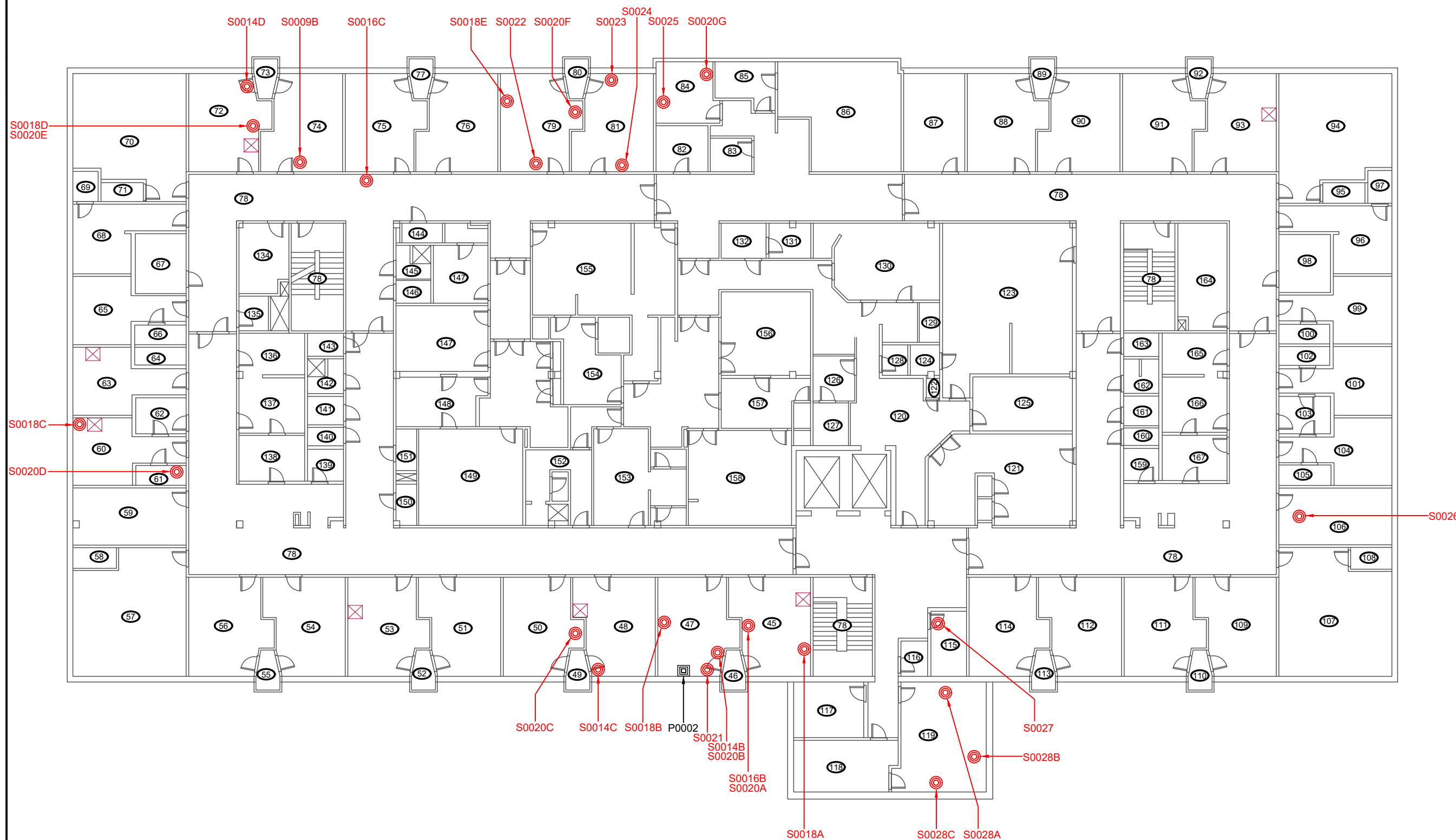
SCALE:  
**NOT TO SCALE**

DRAWN BY:  
**BPC**

REVIEWED BY:  
**SR**





DATE:  
**JUNE 02/22**

FIGURE NUMBER:  
**2 OF 3**





**LEGEND**

-  PINCHIN LOCATION NUMBER
-  ASBESTOS BULK SAMPLE
-  LEAD BULK SAMPLE
-  PCB BULK SAMPLE

NOT ALL KNOWN OR SUSPECTED HAZARDOUS BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE HAZARDOUS BUILDING MATERIALS ASSESSMENT REPORT FOR A COMPLETE LIST OF KNOWN AND SUSPECTED HAZARDOUS BUILDING MATERIALS.

- NOTES:**
1. DRYWALL JOINT COMPOUND IS ASBESTOS-CONTAINING WHERE FOUND THROUGHOUT THE BUILDING.
  2. PARING CEMENT ON PIPE ELBOWS IS ASBESTOS-CONTAINING WHERE FOUND THROUGHOUT THE BUILDING
  3. BLACK CAULKING ON WINDOWS IS ASBESTOS-CONTAINING WHERE FOUND THROUGHOUT THE BUILDING.

LEGEND IS COLOUR DEPENDENT. NON-COLOUR COPIES MAY ALTER INTERPRETATION.



PROJECT NAME:  
**HAZARDOUS BUILDING MATERIALS ASSESSMENT**

CLIENT NAME:  
**TOWN OF DRUMHELLER**

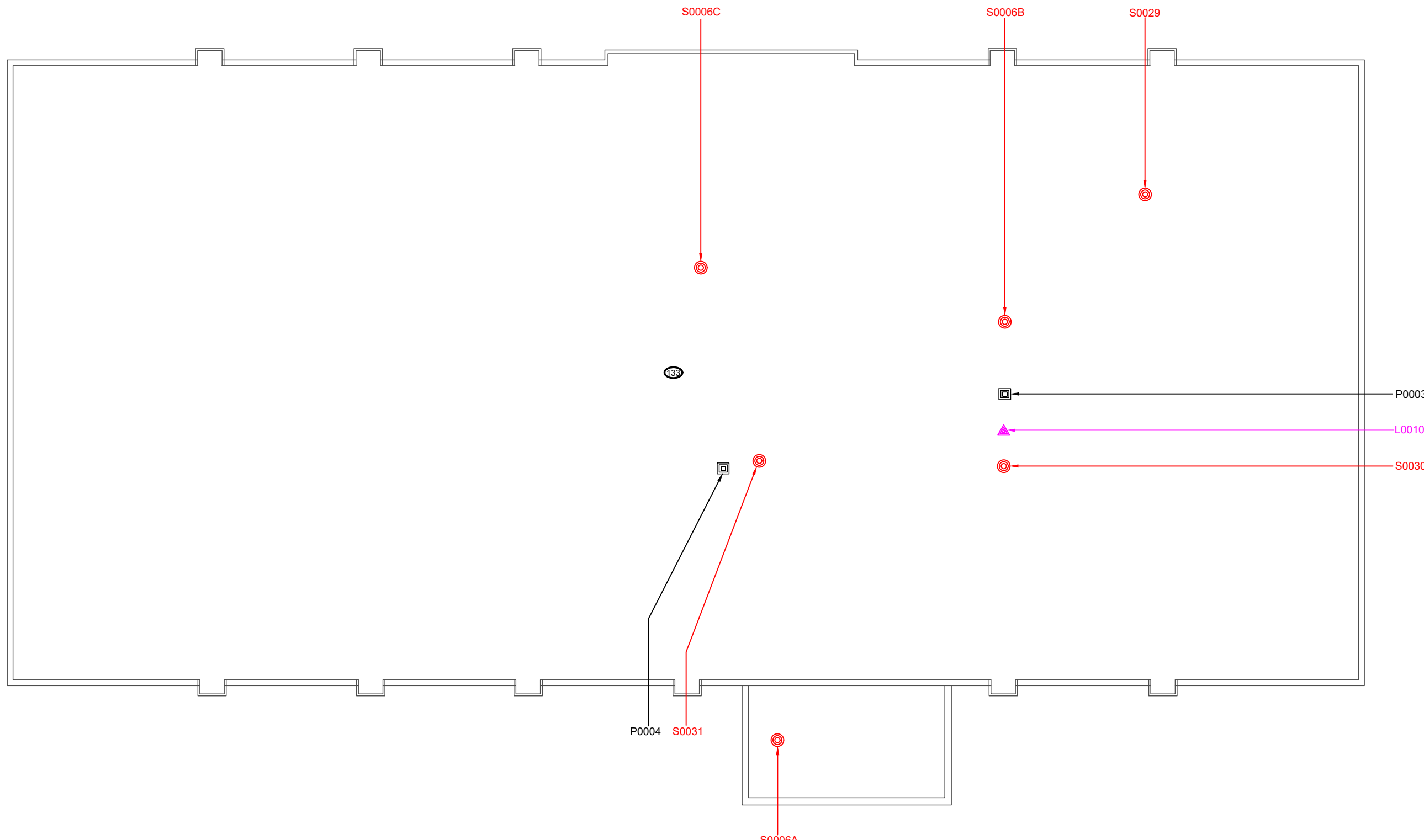
PROJECT LOCATION:  
**GENERAL HOSPITAL  
625 RIVERSIDE DRIVE EAST,  
DRUMHELLER, ALBERTA**

FIGURE NAME:  
**ROOF**

PROJECT NUMBER: 309336.000      SCALE: NOT TO SCALE

DRAWN BY: BPC      REVIEWED BY: SR

DATE: JUNE 02/22      FIGURE NUMBER: 3 OF 3





**APPENDIX II-A**  
**Asbestos Analytical Certificates**



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project No.:** 0309336.000  
**Prepared For:** L. Carrier / S. Ralph  
**Lab Reference No.:** b270513  
**Analyst(s):** N. Barinque  
**Date Received:** May 3, 2022      **# Samples submitted:** 3  
**Date Analyzed:** May 10, 2022      **# Phases analyzed:** 3

---

### Method of Analysis:

#### **EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993**

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

The Pinchin Ltd. Mississauga asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2017.

This report relates only to the items tested.

**NOTE:** *This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



**Pinchin Ltd. Asbestos Laboratory**  
**Certificate of Analysis**

**Project No.:** 0309336.000  
**Prepared For:** L. Carrier / S. Ralph

**Lab Reference No.:** b270513  
**Date Analyzed:** May 10, 2022

**BULK SAMPLE ANALYSIS**

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)			
		ASBESTOS		OTHER	
S0012A Debris,Parging Cement,Loc:16,Shower Room	Homogeneous, beige, soft, parging cement.	Chrysotile	10-25%	Man-made Vitreous Fibres	25-50%
S0012B Piping,Parging Cement,Loc:17,Vestibule	Homogeneous, beige, soft, parging cement.	Chrysotile	10-25%	Man-made Vitreous Fibres	25-50%
S0012C Debris,Parging Cement,Loc:18,Shower Room	Homogeneous, beige, soft, parging cement.	Chrysotile	10-25%	Man-made Vitreous Fibres	25-50%
Comments:	Cotton fabric reinforcement is present on the surface of this sample.				

**Reviewed by:**

Digitally signed by  
Elizabeth DeCurtis  
Date: 2022.05.10  
14:46:17-04'00'

**Reporting Analyst:**

Digitally signed by  
Elizabeth DeCurtis  
Date: 2022.05.10  
14:46:31-04'00'

S0012A-C. Debris kept in house.  
 Remaining to BVM.

3

22-5-10  
 Analyzed by: MB  
 Reviewed by: MB  
 Report Sent by: [Signature]

**Pinchin Ltd. - Asbestos Laboratory  
 Internal Asbestos Bulk Sample Chain of Custody**

Client Name:		Project Address:	
Portfolio/Building No:		Pinchin File:	309336
Submitted by:	Laura Carrier	Email:	<a href="mailto:lcarrier@pinchin.com">lcarrier@pinchin.com</a>
CC Results to:	Shawn Ralph	CC Email:	<a href="mailto:sralph@pinchin.com">sralph@pinchin.com</a>
Date Submitted:	May 02 2022	Required by:	May 9 2022
# of Samples:	80	Priority:	5 day
Year of Building Construction (Mandatory, Years ONLY):	1970		
Do NOT Stop on Positive (Sample Numbers):	All		
Pinchin Group Company (Mandatory Field):	Pinchin		
HMIS2 Building Reference #:	105209/202232814125250		

**To be Completed by Lab Personnel Only:**

Lab Reference #:	6270513	Time:	24 hour clock
Received by:	MAY 03 2022	Date:	Month Day Year

Name(s) of Analyst(s):

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0001	A	Wall, Mortar, Loc: 1, Exterior
S	0001	B	Wall, Mortar, Loc: 1, Exterior
S	0001	C	Wall, Mortar, Loc: 1, Exterior
S	0001	D	Wall, Mortar, Loc: 1, Exterior
S	0001	E	Wall, Mortar, Loc: 1, Exterior
S	0001	F	Wall, Mortar, Loc: 1, Exterior
S	0001	G	Wall, Mortar, Loc: 1, Exterior
S	0002	A	Wall, Cement Product, Loc: 1, Exterior
S	0002	B	Wall, Cement Product, Loc: 1, Exterior
S	0002	C	Wall, Cement Product, Loc: 1, Exterior

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0002	D	Wall,Cement Product,Loc:1,Exterior
S	0002	E	Wall,Cement Product,Loc:1,Exterior
S	0002	G	Wall,Cement Product,Loc:1,Exterior
S	0003		Caulking,Grey,Loc:1,Exterior
S	0004	A	Ceiling,Plaster,Loc:1,Exterior
S	0004	B	Ceiling,Plaster,Loc:1,Exterior
S	0004	C	Ceiling,Plaster,Loc:1,Exterior
S	0005	A	Wall,Plaster,Loc:1,Exterior
S	0005	B	Wall,Plaster,Loc:1,Exterior
S	0005	C	Wall,Plaster,Loc:1,Exterior
S	0006	A	Structure,Roofing Material,Loc:133,Roof
S	0006	B	Structure,Roofing Material,Loc:133,Roof
S	0006	C	Structure,Roofing Material,Loc:133,Roof
S	0007		Floor,Adhesive/mastic,Loc:2,Administration Area
S	0008		Wall,Adhesive/mastic,Loc:2,Administration Area
S	0009	A	Ceiling,Ceiling Tiles (lay-in),24x48 Large Fissures And Pinholes,Loc:2,Administration Area
S	0009	B	Ceiling,Ceiling Tiles (lay-in),Loc:75,Room 26



6270513 @

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0010	A	Wall,Drywall And Joint Compound,Puck On Concrete Block,Loc:3,Office
S	0010	B	Wall,Drywall And Joint Compound,Puck On Concrete Block,Loc:7,Hallway
S	0010	C	Wall,Drywall And Joint Compound,Puck On Concrete Block,Loc:15,Room 1013
S	0010	D	Wall,Drywall And Joint Compound,Puck On Concrete Block,Loc:16,Shower Room
S	0010	E	Wall,Drywall And Joint Compound,Puck On Concrete Block,Loc:26,Office
S	0010	F	Wall,Drywall And Joint Compound,Puck On Concrete Block,Loc:30,Office
S	0010	G	Wall,Drywall And Joint Compound,Puck On Concrete Block,Loc:37,Storage Room
S	0011	A	Floor,Mortar,Loc:8,Reception
S	0011	B	Wall,Mortar,Loc:16,Shower Room
S	0011	C	Wall,Mortar,Loc:18,Shower Room
S	0011	D	Wall,Mortar,Loc:28,Cafeteria
S	0011	E	Floor,Mortar,Loc:34,Cooler
S	0012	A	Debris,Parging Cement,Loc:16,Shower Room
S	0012	B	Piping,Parging Cement,Loc:17,Vestibule
S	0012	C	Debris,Parging Cement,Loc:18,Shower Room
S	0013		Wall,Firestopping (friable),Loc:22,Hallway
S	0014	A	Wall,Plaster,Loc:24,Vestibule

CH 10-25%

CH 10-25%

CH 10-25%

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0014	B	Wall,Plaster,Loc:47,Room 42
S	0014	C	Wall,Plaster,Loc:48,Room 41
S	0014	D	Wall,Plaster,Loc:72,Room 28
S	0015		Floor,Non-slip Flooring,Loc:28,Cafeteria
S	0016	A	Ceiling,All,Drywall And Joint Compound,Loc:32,Janitors Closet
S	0016	B	Wall,Drywall And Joint Compound,Loc:45,Room 43
S	0016	C	Wall,Drywall And Joint Compound,Loc:78,Hallway
S	0017	A	Ceiling,All,Texture Coat,Loc:43,Hallway
S	0017	B	Ceiling,All,Texture Coat,Loc:43,Hallway
S	0017	C	Ceiling,All,Texture Coat,Loc:43,Hallway
S	0018	A	Wall,Drywall And Joint Compound,Loc:45,Room 43
S	0018	B	Wall,Drywall And Joint Compound,Loc:47,Room 42
S	0018	C	Wall,Drywall And Joint Compound,Loc:60,Room 33
S	0018	D	Wall,Drywall And Joint Compound,Loc:72,Room 28
S	0018	E	Wall,Drywall And Joint Compound,Loc:79,Room 24
S	0020	A	Wall,Mortar,Loc:45,Room 43
S	0020	B	Wall,Mortar,Loc:47,Room 42



Your Project #: 309336  
Your C.O.C. #: n/a

**Attention: Shawn Ralph**

Pinchin Ltd.  
3355 – 114 Avenue SE.  
Suite 210  
Calgary, AB  
CANADA T2Z 0K7

**Report Date: 2022/05/11**  
Report #: R7120511  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C2C1233**

**Received: 2022/05/04, 09:02**

Sample Matrix: Solid  
# Samples Received: 77

Analyses	Date		Laboratory Method	Analytical Method
	Quantity	Date Extracted		
Asbestos by PLM - 0.5 RDL (1)	43	N/A	2022/05/10 COR3SOP-00002	EPA 600R-93/116
Asbestos by PLM - 0.5 RDL (1)	34	N/A	N/A COR3SOP-00002	EPA 600R-93/116

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested. This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Bureau Veritas' Asbestos Laboratory is accredited by NVLAP for bulk asbestos analysis by polarized light microscopy, NVLAP Code 600136-0.

This report may not be reproduced, except in full, without the written approval of Bureau Veritas Canada. This report may not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any other agency of the U.S. Government.

Bureau Veritas' scope of accreditation includes EPA-600/M4-82-020: "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" and EPA-600/R-93/116: "Method for the Determination of Asbestos in Bulk Building Materials".

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

\* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.





Your Project #: 309336  
Your C.O.C. #: n/a

**Attention: Shawn Ralph**

Pinchin Ltd.  
3355 – 114 Avenue SE.  
Suite 210  
Calgary, AB  
CANADA T2Z 0K7

**Report Date: 2022/05/11**  
Report #: R7120511  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C2C1233**

**Received: 2022/05/04, 09:02**

(1) P.O.B. - Percent of Bulk

When Asbestos data is reported with other data, this report contains data that are not covered by the NVLAP accreditation.

Encryption Key

Antonella Brasil  
Senior Project Manager  
11 May 2022 16:02:03

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Antonella Brasil, Senior Project Manager  
Email: Antonella.Brasil@bureauveritas.com  
Phone# (905)817-5817

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

**Bureau Veritas**



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0001 A WALL,MORTAR,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU575		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

<b>S0001 B WALL,MORTAR,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU576		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

<b>S0001 C WALL,MORTAR,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU577		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

<b>S0001 D WALL,MORTAR,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU578		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0001 E WALL,MORTAR,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU579		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

<b>S0001 F WALL,MORTAR,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU580		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

<b>S0001 G WALL,MORTAR,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU581		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

<b>S0002 A WALL,CEMENT PRODUCT,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU582		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey cement board	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

**Asbestos Analytical Results**

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0002 B WALL,CEMENT PRODUCT,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU583		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey cement board	Not Detected		Non-Fibrous

<b>S0002 C WALL,CEMENT PRODUCT,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU584		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey cement board	Not Detected		Non-Fibrous

<b>S0002 D WALL,CEMENT PRODUCT,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU585		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey cement board	Not Detected		Non-Fibrous

<b>S0002 E WALL,CEMENT PRODUCT,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU586		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey cement board	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0002 F</b>					
Bureau Veritas ID: SNU587		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey cement board	Not Detected		Non-Fibrous

<b>S0002 G WALL,CEMENT PRODUCT,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU588		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey cement board	Not Detected		Non-Fibrous

<b>S0003 CAULKING,GREY,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU589		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey caulking	Not Detected		Non-Fibrous

<b>S0004 A CEILING,PLASTER,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU590		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey plaster	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0004 B CEILING,PLASTER,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU591		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey plaster	Not Detected		Non-Fibrous

<b>S0004 C CEILING,PLASTER,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU592		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey plaster	Not Detected		Non-Fibrous

<b>S0005 A WALL,PLASTER,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU593		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey plaster	Not Detected		Non-Fibrous

<b>S0005 B WALL,PLASTER,LOC:1,EXTERIOR</b>					
Bureau Veritas ID: SNU594		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey plaster	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0005 C WALL, PLASTER, LOC:1, EXTERIOR</b>					
Bureau Veritas ID: SNU595		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey plaster	Not Detected		Non-Fibrous

<b>S0006 A STRUCTURE, ROOFING MATERIAL, LOC:133, ROOF</b>					
Bureau Veritas ID: SNU596		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous brown roofing material	Not Detected		Non-Fibrous

<b>S0006 B STRUCTURE, ROOFING MATERIAL, LOC:133, ROOF</b>					
Bureau Veritas ID: SNU597		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous brown roofing material	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd





Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

**Asbestos Analytical Results**

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0006 C STRUCTURE, ROOFING MATERIAL, LOC:133, ROOF</b>					
Bureau Veritas ID: SNU598		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous brown roofing material	Not Detected		Non-Fibrous

<b>S0007 FLOOR, ADHESIVE/MASTIC, LOC:2, ADMINISTRATION AREA</b>					
Bureau Veritas ID: SNU599		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mastic	<b>Chrysotile</b> 3%		Non-Fibrous

<b>S0008 WALL, ADHESIVE/MASTIC, LOC:2, ADMINISTRATION AREA</b>					
Bureau Veritas ID: SNU600		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous yellow adhesive	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0009 A CEILING,CEILING TILES (LAY-IN),24X48 LARGE FISSURES AND PINHOLES,LOC:2,ADMINISTRATION AREA</b>						
Bureau Veritas ID: SNU601		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous tan ceiling tile	Not Detected	Cellulose	40%	Non-Fibrous
				Fibrous Glass	45%	

<b>S0009 B CEILING,CEILING TILES (LAY-IN),LOC:75,ROOM 26</b>						
Bureau Veritas ID: SNU602		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous pink ceiling tile	Not Detected	Cellulose	40%	Non-Fibrous
				Fibrous Glass	45%	

<b>S0010 A WALL,DRYWALL AND JOINT COMPOUND,PUCK ON CONCRETE BLOCK,LOC:3,OFFICE</b>						
Bureau Veritas ID: SNU603		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	Chrysotile	1%		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0010 B WALL, DRYWALL AND JOINT COMPOUND, PUCK ON CONCRETE BLOCK, LOC: 7, HALLWAY</b>					
Bureau Veritas ID: SNU604		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	<b>Chrysotile</b>	1%	Non-Fibrous

<b>S0010 C WALL, DRYWALL AND JOINT COMPOUND, PUCK ON CONCRETE BLOCK, LOC: 15, ROOM 1013</b>					
Bureau Veritas ID: SNU605		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	<b>Chrysotile</b>	1%	Non-Fibrous

<b>S0010 D WALL, DRYWALL AND JOINT COMPOUND, PUCK ON CONCRETE BLOCK, LOC: 16, SHOWER ROOM</b>					
Bureau Veritas ID: SNU606		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	<b>Chrysotile</b>	1%	Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0010 E WALL, DRYWALL AND JOINT COMPOUND, PUCK ON CONCRETE BLOCK, LOC:26, OFFICE</b>						
Bureau Veritas ID: SNU607		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	<b>Chrysotile</b>	1%		Non-Fibrous

<b>S0010 F WALL, DRYWALL AND JOINT COMPOUND, PUCK ON CONCRETE BLOCK, LOC:30, OFFICE</b>						
Bureau Veritas ID: SNU608		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	<b>Chrysotile</b>	1%		Non-Fibrous

<b>S0010 G WALL, DRYWALL AND JOINT COMPOUND, PUCK ON CONCRETE BLOCK, LOC:37, STORAGE ROOM</b>						
Bureau Veritas ID: SNU609		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	<b>Chrysotile</b>	1%		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

**Asbestos Analytical Results**

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0011 A FLOOR,MORTAR,LOC:8,RECEPTION</b>					
Bureau Veritas ID: SNU610		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

<b>S0011 B WALL,MORTAR,LOC:16,SHOWER ROOM</b>					
Bureau Veritas ID: SNU611		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

<b>S0011 C WALL,MORTAR,LOC:18,SHOWER ROOM</b>					
Bureau Veritas ID: SNU612		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0011 D WALL,MORTAR,LOC:28,CAFETERIA</b>					
Bureau Veritas ID: SNU613		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	50	Homogeneous grey mortar	Not Detected		Non-Fibrous
Layer 2	50	Homogeneous yellow mastic	Not Detected		Non-Fibrous

<b>S0011 E FLOOR,MORTAR,LOC:34,COOLER</b>					
Bureau Veritas ID: SNU614		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

<b>S0013 WALL,FIRESTOPPING (FRIABLE),LOC:22,HALLWAY</b>					
Bureau Veritas ID: SNU615		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey firestop	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0014 A WALL, PLASTER, LOC:24, VESTIBULE</b>					
Bureau Veritas ID: SNU616		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white plaster	Not Detected		Non-Fibrous

<b>S0014 B WALL, PLASTER, LOC:47, ROOM 42</b>					
Bureau Veritas ID: SNU617		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey plaster	Not Detected		Non-Fibrous

<b>S0014 C WALL, PLASTER, LOC:48, ROOM 41</b>					
Bureau Veritas ID: SNU618		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey plaster	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd





Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0014 D WALL, PLASTER, LOC:72, ROOM 28</b>					
Bureau Veritas ID: SNU619		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	70	Homogeneous grey plaster	Not Detected		Non-Fibrous
Layer 2	30	Homogeneous white plaster	Not Detected		Non-Fibrous

<b>S0015 FLOOR, NON-SLIP FLOORING, LOC:28, CAFETERIA</b>					
Bureau Veritas ID: SNU620		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white flooring	Not Detected		Non-Fibrous

<b>S0016 A CEILING, ALL, DRYWALL AND JOINT COMPOUND, LOC:32, JANITORS CLOSET</b>					
Bureau Veritas ID: SNU621		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	<b>Chrysotile</b> 1%		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0016 B WALL, DRYWALL AND JOINT COMPOUND, LOC:45, ROOM 43</b>						
Bureau Veritas ID: SNU622		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	<b>Chrysotile</b>	1%		Non-Fibrous

<b>S0016 C WALL, DRYWALL AND JOINT COMPOUND, LOC:78, HALLWAY</b>						
Bureau Veritas ID: SNU623		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	<b>Chrysotile</b>	1%		Non-Fibrous

<b>S0017 A CEILING, ALL, TEXTURE COAT, LOC:43, HALLWAY</b>						
Bureau Veritas ID: SNU624		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white texture coat	<b>Chrysotile</b>	1%		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0017 B CEILING,ALL,TEXTURE COAT,LOC:43,HALLWAY</b>						
Bureau Veritas ID: SNU625		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white texture coat	<b>Chrysotile</b>	1%		Non-Fibrous

<b>S0017 C CEILING,ALL,TEXTURE COAT,LOC:43,HALLWAY</b>						
Bureau Veritas ID: SNU626		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white texture coat	<b>Chrysotile</b>	1%		Non-Fibrous

<b>S0018 A WALL,DRYWALL AND JOINT COMPOUND,LOC:45,ROOM 43</b>						
Bureau Veritas ID: SNU627		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	<b>Chrysotile</b>	1%		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



**Asbestos Analytical Results**

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0018 B WALL, DRYWALL AND JOINT COMPOUND, LOC:47, ROOM 42</b>					
Bureau Veritas ID: SNU628		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	<b>Chrysotile</b> 1%		Non-Fibrous

<b>S0018 C WALL, DRYWALL AND JOINT COMPOUND, LOC:60, ROOM 33</b>					
Bureau Veritas ID: SNU629		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	<b>Chrysotile</b> 1%		Non-Fibrous

<b>S0018 D WALL, DRYWALL AND JOINT COMPOUND, LOC:72, ROOM 28</b>					
Bureau Veritas ID: SNU630		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	<b>Chrysotile</b> 1%		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0018 E WALL, DRYWALL AND JOINT COMPOUND, LOC:79, ROOM 24</b>					
Bureau Veritas ID: SNU631		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	<b>Chrysotile</b> 1%		Non-Fibrous

<b>S0020 A WALL, MORTAR, LOC:45, ROOM 43</b>					
Bureau Veritas ID: SNU632		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white mortar	Not Detected		Non-Fibrous

<b>S0020 B WALL, MORTAR, LOC:47, ROOM 42</b>					
Bureau Veritas ID: SNU633		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white mortar	Not Detected		Non-Fibrous

<b>S0020 C WALL, MORTAR, LOC:50, ROOM 40</b>					
Bureau Veritas ID: SNU634		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white mortar	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0020 D WALL,MORTAR,LOC:61,WASHROOM</b>					
Bureau Veritas ID: SNU635		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white mortar	Not Detected		Non-Fibrous

<b>S0020 E WALL,MORTAR,LOC:72,ROOM 28</b>					
Bureau Veritas ID: SNU636		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white mortar	Not Detected		Non-Fibrous

<b>S0020 F WALL,MORTAR,LOC:79,ROOM 24</b>					
Bureau Veritas ID: SNU637		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white mortar	Not Detected		Non-Fibrous

<b>S0020 G WALL,MORTAR, LOC:84, NURSES ROOM</b>					
Bureau Veritas ID: SNU639		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white mortar	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0021 WALL,ADHESIVE/MASTIC,LOC:51,ROOM 39</b>					
Bureau Veritas ID: SNU640		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Particulate</u>
Layer 1	100	Homogeneous black adhesive	<b>Chrysotile</b>	1%	Non-Fibrous

<b>S0022 FLOOR,VINYL SHEET FLOORING,GREY STREAKS,LOC:79,ROOM 24</b>					
Bureau Veritas ID: SNU641		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Particulate</u>
Layer 1	99	Homogeneous off-white vinyl sheet flooring	Not Detected		Non-Fibrous
Layer 2	1	Homogeneous yellow mastic	Not Detected		Non-Fibrous

<b>S0023 WALL,CAULKING,WHITE,LOC:79,ROOM 24</b>					
Bureau Veritas ID: SNU642		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Particulate</u>
Layer 1	100	Homogeneous white caulking	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd





Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0024 WALL,MASTIC, BLACK,LOC:81,ROOM 23</b>					
Bureau Veritas ID: SNU643		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous black mastic	Not Detected		Non-Fibrous

<b>S0025 SINK,MASTIC,LOC:84,NURSES ROOM</b>					
Bureau Veritas ID: SNU644		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous black sink mastic	<b>Chrysotile</b> 1%		Non-Fibrous

<b>S0026 FLOOR,CEMENT PRODUCT,LOC:106,OFFICE</b>					
Bureau Veritas ID: SNU645		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white cement board	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0027 FLOOR,VINYL SHEET FLOORING,CREAM SQUARES,LOC:115,NURSES ROOM</b>					
Bureau Veritas ID: SNU646		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	99	Homogeneous off-white vinyl sheet flooring	Not Detected		Non-Fibrous
Layer 2	1	Homogeneous yellow mastic	Not Detected		Non-Fibrous

<b>S0028 A CEILING,CEILING TILE (MECHANICALLY FASTENED),12X12 FISSURES,LOC:119,CONFERENCE ROOM</b>					
Bureau Veritas ID: SNU647		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous tan ceiling tile	Not Detected	Cellulose 40% Fibrous Glass 45%	Non-Fibrous

<b>S0028 B CEILING,CEILING TILE (MECHANICALLY FASTENED),12X12 FISSURES,LOC:119,CONFERENCE ROOM</b>					
Bureau Veritas ID: SNU648		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous tan ceiling tile	Not Detected	Cellulose 40% Fibrous Glass 45%	Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0028 C CEILING,CEILING TILE (MECHANICALLY FASTENED),12X12 FISSURES,LOC:119,CONFERENCE ROOM</b>						
Bureau Veritas ID: SNU649		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous tan ceiling tile	Not Detected	Cellulose	40%	Non-Fibrous
				Fibrous Glass	45%	

<b>S0029 STRUCTURE,MASTIC, BLACK,PIPE PENETRATION,LOC:133,ROOF</b>						
Bureau Veritas ID: SNU650		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous black mastic	Not Detected			Non-Fibrous

<b>S0030 WALL,CAULKING,GREY,LOC:133,ROOF</b>						
Bureau Veritas ID: SNU651		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous grey caulking	Not Detected			Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



Bureau Veritas Job #: C2C1233  
 Report Date: 2022/05/11

Pinchin Ltd.  
 Client Project #: 309336  
 Sampler Initials: LC

**Asbestos Analytical Results**

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0031 PIPING,CAULKING,WHITE AND BLACK,LOC:133,ROOF</b>					
Bureau Veritas ID:		SNZ697	Date Analyzed:		2022/05/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey caulking	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



**BUREAU  
VERITAS**

Bureau Veritas Job #: C2C1233  
Report Date: 2022/05/11

Pinchin Ltd.  
Client Project #: 309336  
Sampler Initials: LC

### GENERAL COMMENTS

Results relate only to the items tested.

**Bureau Veritas**



BUREAU  
VERITAS

Bureau Veritas Job #: C2C1233  
Report Date: 2022/05/11

Pinchin Ltd.  
Client Project #: 309336  
Sampler Initials: LC

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

\_\_\_\_\_  
Jon Delos Santos, Laboratory Supervisor

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

**APPENDIX II-B**  
**Lead Analytical Certificates**





# Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy  
EPA SW-846 3050B/6010C/7000B



**Customer:** Pinchin Ltd.  
Suite 210, 3355 114 Avenue SE  
Calgary, AB T2Z 0K7

**Attn:** Laura Carrier  
Shawn Ralph

**Lab Order ID:** 71991358  
**Analysis ID:** 71991358\_PBP  
**Date Received:** 5/3/2022  
**Date Reported:** 5/10/2022

**Project:**

Sample ID	Description	Mass	Concentration	Concentration
Lab Sample ID	Lab Notes	(g)	(ppm)	(% by weight)
L0001	Wall, Plaster, Pink,Loc:1,Exterior	0.1305	38	0.0038%
71991358PBP_1				
L0002	Wall, Masonry, White,Loc:2,Administration Area	0.0668	63	0.0063%
71991358PBP_2				
L0003	Other, Metal, White,Loc:3,Office	0.0760	680	0.068%
71991358PBP_3				
L0004	Other, Metal, Blue,Loc:16,Shower Room	0.0709	840	0.084%
71991358PBP_4				
L0005	Other, Metal, White,Loc:17,Vestibule	0.0940	22000	2.2%
71991358PBP_5				
L0006	Floor, Concrete (poured), Grey,Loc:25,Generator Room	0.0825	3400	0.34%
71991358PBP_6				
L0007	Floor, Concrete (poured), Red,Loc:27,Mechanical Room	0.0796	110	0.011%
71991358PBP_7				
L0008	Wall, Masonry, Green,Loc:36,Laundry Area	0.0670	240	0.024%
71991358PBP_8				
L0009	Wall, Masonry, Orange,Loc:36,Laundry Area	0.0738	26000	2.6%
71991358PBP_9				
L0010	Wall, Metal, White,Loc:133,Roof	0.0774	4100	0.41%
71991358PBP_10				

Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb). Unless indicated, areas and volumes were provided by the customer.

Xaviera Watkins (10)

Analyst

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Laboratory Director

71991358

Version 1-15-2012

<b>Client:</b>	Pinchin Ltd.	<b>*Instructions:</b> Use Column "B" for your contact info  To See an Example Click the bottom Example Tab.  <b>10</b> <b>Begin Samples with a "&lt;&lt;" above the first sample          and end with a "&gt;&gt;" below the last sample.</b> <b>Only Enter your data on the first sheet "Sheet1"</b>  <i>Note: Data 1 and Data 2 are optional          fields that do not show up on the official          report, however they will be included          in the electronic data returned to you          to facilitate your reintegration of the report data.</i>
<b>Contact:</b>	Laura Carrier	
<b>Address:</b>	3355 114 Avenue SE, Calgary, Alberta	
<b>Phone:</b>	403.818.7129	
<b>Fax:</b>		
<b>Email:</b>	lcarrier@pinchin.com sralph@pinchin.com prairesadmin@pinchin.com	
<b>Project:</b>		
<b>Client Notes:</b>		
<b>P.O. #:</b>	309336.000	
<b>Date Submitted:</b>	05-02-2022	
<b>Analysis:</b>	Paint Chips Flame AA	
<b>TurnAroundTime:</b>	5 day	

Scientific Analytical Institute



**4604 Dundas Dr.  
Greensboro, NC 27407  
Phone: 336.292.3888  
Fax: 336.292.3313  
Email: lab@sailab.com**



<<	
L0001	Wall, Plaster, Pink, Loc:1, Exterior
L0002	Wall, Masonry, White, Loc:2, Administration Area
L0003	Other, Metal, White, Loc:3, Office
L0004	Other, Metal, Blue, Loc:16, Shower Room
L0005	Other, Metal, White, Loc:17, Vestibule
L0006	Floor, Concrete (poured), Grey, Loc:25, Generator Room
L0007	Floor, Concrete (poured), Red, Loc:27, Mechanical Room
L0008	Wall, Masonry, Green, Loc:36, Laundry Area
L0009	Wall, Masonry, Orange, Loc:36, Laundry Area
L0010	Wall, Metal, White, Loc:133, Roof
>>	

Accepted   
 Rejected

*J. H. 513  
10:30am*

**APPENDIX II-C**  
**PCB Analytical Certificates**

## Certificate of Analysis

Laura Carrier

Pinchin Ltd. (Calgary, AB)  
111, 11505 - 35 Street SE, Calgary, Alberta.

Date of Issue: May 06, 2022

**Report Description:** 4 solid samples were submitted for the following chemical analysis

<b>Project Name:</b> N/A	<b>Date Sampled:</b> Apr 29, 2022
<b>Project No.:</b> 309336.000	<b>Date Tested:</b> May 05, 2022
<b>Site Location:</b> N/A	<b>Sampled by:</b> Laura C

### Report Number: 22-0634

No.	Analyte	Result	Units	MDL	Comments	Technique / Test Method
<b>1</b>	<b><u>Sample ID.:</u> P0001 Grey, Loc:1, Exterior</b>					
	PCBs in Solid	<0.2	mg/Kg	0.2		LAB-M06 (EPA 3550C/8082A modified)
<b>2</b>	<b><u>Sample ID.:</u> P0002 Black, Lco: 47, Room 42</b>					
	PCBs in Solid	6	mg/Kg	0.2		LAB-M06 (EPA 3550C/8082A modified)
<b>3</b>	<b><u>Sample ID.:</u> P0003 Grey, Loc: 133, Roof</b>					
	PCBs in Solid	<0.2	mg/Kg	0.2		LAB-M06 (EPA 3550C/8082A modified)
<b>4</b>	<b><u>Sample ID.:</u> P0004 White And Black, Loc: 133, Roof</b>					
	PCBs in Solid	<0.2	mg/Kg	0.2		LAB-M06 (EPA 3550C/8082A modified)

Results relate only to the samples tested above, as received.

Approved By:

**Son C.H. Le, (Chem.)**

Lab Manager

Phone: (519) 740-1333 Ext.: 1030

Fax: (519) 740-2320

Email: SonLe@aevitas.ca

The Analytical Chemistry Laboratory of Aevitas Inc. (Ayr) is accredited for specific tests in accordance with the recognized International Standard ISO/IEC 17025:2017, by the Canadian Association for Laboratory Accreditation (CALA) Inc. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017). The laboratory quality management system of Aevitas Inc. (Ayr) also operates in accordance with the principles of ISO 9001.

All Analytical data is subject to uncertainty which, may vary with sample matrices, sample preparation techniques and instrumental parameters. As a general guideline, uncertainty may be expressed as approximately +/- 50% of the reported value at or near the Method Detection Limit (MDL) and +/-10% or less, of the reported result that is greater than 10 times the MDL. Method Detection Limits are defined as approximately 3 times the standard deviation value (at 99% confidence level), which is obtained from replicate analysis of a low-level standard as per the Ontario MOE - MISA Protocol for the Sampling and Analysis of Industrial / Municipal Wastewater (2016). MDL determination is based on undiluted samples with relatively low matrix interferences. Where dilutions are required, the reported MDL value will be scaled proportionally.

All testing procedures follow strict guidelines and quality assurance / quality control (QA/QC) protocols. QA/QC data is available for review at any time upon client's request.

**APPENDIX III**  
**Methodology**

## 1.0 GENERAL

An inspection was conducted to identify the type of Hazardous Building Materials incorporated in the structure and its finishes.

Information regarding the location and condition of hazardous building materials encountered and visually estimated quantities were recorded. The locations of any samples collected were recorded on small-scale plans. As-built drawings and previous reports were referenced where provided.

Sample collection was conducted in accordance with our Standard Operating Procedures.

### 1.1 Asbestos

The inspection for asbestos included friable and non-friable asbestos-containing materials (ACM). A friable material is a material that when dry can be crumbled, pulverized or powdered by hand pressure.

A separate set of samples was collected of each type of homogenous material suspected to contain asbestos. A homogenous material is defined by the US EPA as material that is uniform in texture and appearance, was installed at one time, and is unlikely to consist of more than one type or formulation of material. The homogeneous materials were determined by visual examination and available information on the phases of construction and prior renovations.

Samples were collected at a rate that is in compliance with the requirements of local regulations and guidelines. The sampling strategy was also based on known ban dates and phase out dates of the use of asbestos; sampling of certain building materials is not conducted after specific construction dates. In addition, to be conservative, several years past these dates are added to account for some uncertainty in the exact start / finish date of construction and associated usage of ACM. In some cases, manufactured products such as asbestos cement pipe were visually identified without sample confirmation.

The analysis was performed in accordance with Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, July 1993.

Analytical results were compared to the following criteria.

Jurisdiction*	Friable	Non-Friable
BC	0.5% <sup>1</sup>	0.5%
Alberta	Any Amount <sup>2</sup>	Any Amount <sup>2</sup>
Saskatchewan	>0.5% <sup>1</sup>	>1%

<sup>1</sup> Or any amount if vermiculite

<sup>2</sup> The Government of Alberta in their guideline document entitled the "Alberta Asbestos Abatement Manual" (August 2019), defines an Asbestos-Containing Material as a product or building material that contains asbestos in any quantity or percentage.



Manitoba	0.1% <sup>1</sup>	1%
Ontario	0.5%	0.5%
Nova Scotia	0.5% <sup>1</sup>	0.5%
New Brunswick, Prince Edward Island, Newfound and Labrador	1%	1%
Yukon, Nunavut, Northwest Territories	1%	1%
Federal	1%	1%

\* If there is a conflict between federal and provincial criteria, the more stringent will apply.

Where building materials are described in the report as “non-asbestos” or “does not contain asbestos”, this means that either no asbestos was detected by the analytical method utilized in any of the multiple samples or, if detected, it is below the lower limit of an asbestos-containing material in the applicable regulation. Additionally, these terms are used for materials which historically are known to not include asbestos in their manufacturing.

Asbestos materials were evaluated in order to make recommendations regarding any remedial work. The priority for remedial action was based on several factors:

- Friability (friable or non-friable);
- Condition (good, fair, poor, debris);
- Accessibility (ranking from accessible to all building users to inaccessible);
- Visibility (whether the material is obscured by other building components).
- Air movement or air erosion (present, not present).
- Efficiency of the work (for example, if damaged ACM is being removed in an area, it may be most practical to remove all ACM in the area even if it is in good condition).

## 1.2 Lead

Samples of distinctive paint finishes, and surface coatings present in more than a limited application, where removal of the paint is possible was collected. The samples were collected by scraping the painted finish to include base and covering applications.

Analysis for lead in paints or surface coatings was performed in accordance with EPA Method No. 3050B/Method No. 7420; flame atomic absorption.



Analytical results were compared to the following criteria.

<b>Jurisdiction*</b>	<b>Units (%)</b>	<b>Units (ppm) / (mg/kg)</b>
BC	None	None
Alberta	0.009	90
Saskatchewan	0.009	90
Manitoba	0.009	90
Ontario	0.1	1000
Nova Scotia	0.009	90
New Brunswick	0.009	90
Prince Edward Island	0.009	90
Newfoundland	0.009	90
Yukon	0.009	90
Nunavut, Northwest Territories	0.1	1000
Federal	0.009	90

\* If there is a conflict between federal and provincial criteria, the more stringent will apply.

Other lead building products (e.g. batteries, lead sheeting, flashing) were identified by visual observation only.

### **1.3 Silica**

Building materials known to contain crystalline silica (e.g. concrete, cement, tile, brick, masonry, mortar) were identified by visual inspection only. Pinchin did not perform sampling of these materials for laboratory analysis of crystalline silica content.

### **1.4 Mercury**

Building materials, products or equipment (e.g. thermostats, barometers, pressure gauges, lamp tubes), suspected to contain mercury was identified by visually inspection only. Dismantling of equipment suspected of containing mercury was not performed. Sampling of these materials for laboratory analysis of mercury content was not performed.

### **1.5 Polychlorinated Biphenyls**

The potential for light ballast and oil filled transformers to contain PCBs was based on the age of the building, a review of maintenance records and examination of labels or nameplates on equipment, where



present and accessible. The information was compared to known ban dates of PCBs and Environment Canada publications.

Dry type transformers were presumed to be free of dielectric fluids and hence non-PCB.

Fluids (mineral oil, hydraulic, Aroclor or Askarel) in transformers or other equipment were not sampled for PCB content.

Caulking, sealants, or paints were sampled and submitted for PCB analysis following EPA 3550C/8082A.

Sample results are compared to the criteria of 50 mg/kg for solids as stated in the PCB Regulation, SOR/2008-273.

## **1.6 Visible Mould**

The presence of mould or water damage was determined by visual inspection of exposed building surfaces. If any mould growth or water damage was concealed within building cavities it was not addressed in this assessment.

Template: Methodology for Hazardous Building Materials Assessment, HAZ, November 23, 2021

**APPENDIX IV**  
**Location Summary Report**

**Client:** Town Of Drumheller Public Works Building  
**Building Name:** Old Health Centre  
**Survey Date:**

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Last Re-Assessment:**

Location No.	Name or Description	Area ft <sup>2</sup>	Floor No.	Bldg. Phase	Notes
1	Exterior	47000		A	
2	Administration Area	2000	1	A	
3	Office	200	1	A	
4	Office	200	1	A	
5	Room 1011	500	1	A	
6	Room 1006	200	1	A	
7	Hallway	2000	1	A	
8	Reception	3000	1	A	
9	Washroom	80	1	A	
10	Janitors Closet	50	1	A	
11	Office	200	1	A	
12	Washroom	80	1	A	
13	Washroom	80	1	A	
14	Room 1014	200	1	A	
15	Room 1013	200	1	A	
16	Shower Room	500	1	A	
17	Vestibule	200	1	A	
18	Shower Room	500	1	A	
19	Room 1021	800	1	A	
20	Shower Room	500	1	A	
21	Room 1031	200	1	A	
22	Hallway	2000	1	A	
23	Janitors Closet	100	1	A	
24	Vestibule	500	1	A	
25	Generator Room	200	1	A	
26	Office	200	1	A	
27	Mechanical Room	2000	1	A	Limited accessibility due to pipe blocking stairs
28	Cafeteria	2000	1	A	
29	Cafeteria	5000	1	A	
30	Office	200	1	A	
31	Office	200	1	A	
32	Janitors Closet	50	1	A	
33	Cooler	100	1	A	
34	Cooler	100	1	A	
35	Cooler	100	1	A	
36	Laundry Area	2000	1	A	
37	Storage Room	200	1	A	
38	Storage Room	200	1	A	
39	Loading Dock	1500	1	A	
40	Storage Room	100	1	A	
41	Storage Room	100	1	A	
42	Storage Room	600	1	A	
43	Hallway	800	1	A	
44	Telephone Room	200	1	A	
45	Room 43	200	2	A	
46	Washroom	50	2	A	
47	Room 42	200	2	A	
48	Room 41	200	2	A	
49	Washroom	50	2	A	
50	Room 40	200	2	A	
51	Room 39	200	2	A	
52	Washroom	50	2	A	
53	Room 38	200	2	A	
54	Room 37	200	2	A	
55	Washroom	50	2	A	
56	Room 36	200	2	A	
57	Room 35	200	2	A	
58	Washroom	50	2	A	
59	Play Room	200	2	A	
60	Room 33	200	2	A	
61	Washroom	50	2	A	
62	Washroom	50	2	A	
63	Room 32	200	2	A	

Location No.	Name or Description	Area ft <sup>2</sup>	Floor No.	Bldg. Phase	Notes
64	Washroom	50	2	A	
65	Room 31	200	2	A	
66	Washroom	50	2	A	
67	Washroom	50	2	A	
68	Room 30	200	2	A	
69	Washroom	50	2	A	
70	Room 29	200	2	A	
71	Washroom	50	2	A	
72	Room 28	200	2	A	
73	Washroom	50	2	A	
74	Room 27	200	2	A	
75	Room 26	200	2	A	
76	Room 25	200	2	A	
77	Washroom	50	2	A	
78	Hallway	5000	2	A	
79	Room 24	200	2	A	
80	Washroom	50	2	A	
81	Room 23	200	2	A	
82	Washroom	50	2	A	
83	Washroom	50	2	A	
84	Nurses Room	200	2	A	
85	Storage Room	50	2	A	
86	Patient Room	200	2	A	
87	Office	200	2	A	
88	Room 15	200	2	A	
89	Washroom	50	2	A	
90	Room 14	200	2	A	
91	Room 13	200	2	A	
92	Washroom	50	2	A	
93	Room 12	200	2	A	
94	Room 11	200	2	A	
95	Washroom	50	2	A	
96	Room 10	200	2	A	
97	Washroom	50	2	A	
98	Washroom	50	2	A	
99	Room 9	200	2	A	
100	Washroom	50	2	A	
101	Room 8	200	2	A	
102	Washroom	50	2	A	
103	Washroom	50	2	A	
104	Room 7, room no. .	200	2	A	
105	Washroom	50	2	A	
106	Office	200	2	A	
107	Room 5	200	2	A	
108	Washroom	50	2	A	
109	Room 4	200	2	A	
110	Washroom	50	2	A	
111	Room 3	200	2	A	
112	Room 2	200	2	A	
113	Washroom	50	2	A	
114	Room 1	200	2	A	
115	Nurses Room	200	2	A	
116	Washroom	50	2	A	
117	Patient Room	200	2	A	
118	Patient Room	200	2	A	
119	Conference Room	200	2	A	
120	Lab	500	2	A	
121	Lab	500	2	A	
122	Janitors Closet	50	2	A	
123	Lab	500	2	A	
124	Washroom	50	2	A	
125	Lab	500	2	A	
126	X Ray Office	200	2	A	
127	X Ray Room	200	2	A	
128	Storage Room	50	2	A	
129	Washroom	50	2	A	
130	Lab	200	2	A	

Location No.	Name or Description	Area ft <sup>2</sup>	Floor No.	Bldg. Phase	Notes
131	Dark Room	100	2	A	
132	Developing Room	100	2	A	
133	Roof	47000		A	
134	Day Room	200	2	A	
135	Storage Room	100	2	A	
136	Clean Room	200	2	A	
137	Treatment Room	200	2	A	
138	Utility Room	200	2	A	
139	Washroom	50	2	A	
140	Washroom	50	2	A	
141	Washroom	50	2	A	
142	Washroom	50	2	A	
143	Washroom	50	2	A	
144	Washroom	50	2	A	
145	Washroom	50	2	A	
146	Washroom	50	2	A	
147	Emergency Delivery	500	2	A	
148	Clean Room	500	2	A	
149	Delivery Room	500	2	A	
150	Storage Room	50	2	A	
151	Storage Room	50	2	A	
152	Nurses Room	200	2	A	
153	Doctors Room	200	2	A	
154	Clean Room	300	2	A	
155	Storage Room	500	2	A	
156	Operating Room	500	2	A	
157	Sterile Room	200	2	A	
158	Operating Room	500	2	A	
159	Washroom	50	2	A	
160	Washroom	50	2	A	
161	Washroom	50	2	A	
162	Washroom	50	2	A	
163	Storage Room	400	2	A	
164	Washroom	50	2	A	
165	Treatment Room	200	2	A	
166	Treatment Room	200	2	A	
167	Treatment Room	200	2	A	

**APPENDIX V**

**Hazardous Materials Summary Report / Sample Log**

Client: Town Of Drumheller Public Works Building

Site: 625 Riverside Drive East, Drumheller, AB

Building Name: Old Health Centre

Survey Date:

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	S0001 ABCDEFGH	Wall     Mortar	1	A	0	15000 0	0	0	None Detected	No	
Asbestos	S0002 ABCDEFGH	Wall     Cement Product	1	A	0	15000	0	0	None Detected	No	
Asbestos	S0003	Other     Caulking   Grey	1	A	10000	0	0	0	None Detected	No	
Asbestos	S0004 ABC	Ceiling     Plaster	1	A	0	600	0	0	None Detected	No	
Asbestos	S0005 ABC	Wall     Plaster	1	A	0	800	0	0	None Detected	No	
Asbestos	S0006 ABC	Structure     Roofing Material	133	A	0	47000	0	0	None Detected	No	
Asbestos	S0007	Floor     Adhesive/mastic	2,3,4,5,6,7,11,14,15,16,19,21,22,23	A	0	9300	0	0	Chrysotile	Yes	NF
Asbestos	S0008	Wall     Adhesive/mastic	2	A	0	300	0	0	None Detected	No	
Asbestos	S0009 AB	Ceiling     Ceiling Tiles (lay-in)   24x48 Large Fissures And Pinholes	2,75	A	0	0	2	0	None Detected	No	
Asbestos	S0010 ABCDEFGH	Wall     Drywall And Joint Compound   Puck On Concrete Block	3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19 20,21,22,23,24,26,27,28,29,30,31,37,38,39,40 41,42	A	0	33800	0	0	Chrysotile	Yes	NF
Asbestos	S0011 ABCDE	Floor, Wall, Floor, Wall     Mortar	8,9,10,12,13,16,18,20,28,29,32,33,34,35	A	0	8315	0	0	None Detected	No	
Asbestos	S0012 ABC	Other, Piping   Debris   Parging Cement	16,17,18,23,24,39	A	0	0	5	0	Chrysotile	Yes	F
Asbestos	S0013	Wall     Firestopping (friable)	22	A	0	1	0	0	None Detected	No	
Asbestos	S0014 ABCD	Wall     Plaster	24,47,48,50,51,53,54,56,57,59,72,74,75,76,79 81,86,87,91,93,94,96,99,101,104,106,107,109 111,112,114,117,118,119,126,127,128,130,131 132,134,135,136,137,138,147,148,149,150,151 152,153,154,163,165,166,167	A	3	570	0	0	None Detected	No	
Asbestos	S0015	Floor   All   Non-slip Flooring	28,29,32,43	A	0	7850	0	0	None Detected	No	
Asbestos	S0016 ABC	Ceiling, Wall   All   Drywall And Joint Compound	32,45,78	A	0	160	0	0	Chrysotile	Yes	NF
Asbestos	S0017 ABC	Ceiling   All   Texture Coat	43	A	0	800	0	0	Chrysotile	Yes	F
Asbestos	S0018 ABCDE	Wall     Drywall And Joint Compound	45,47,48,50,51,53,54,56,57,59,60,63,65,68,70 72,74,75,76,78,79,81,84,86,87,88,90,91,93,94 96,99,101,104,106,107,109,111,112,114,115,117 118,119,126,127,128,130,131,132,134,135,136 137,138,147,148,149,150,151,152,153,154,163 165,166,167	A	0	34000	0	0	Chrysotile	Yes	NF
Asbestos	S0020	Wall     Mortar	45,46,47,48,49,50,51,52,53,54,55,56,57,58,59	A	0	12555	0	0	None	No	



HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
	ABCDEFG		60,61,62,63,64,65,66,67,68,69,70,71,72,73,74 75,76,77,78,79,80,81,82,83,84,85,86,87,88,89 90,91,92,93,94,95,96,97,98,99,100,101,102,103 104,105,106,107,108,109,110,111,112,113,114 115,116,117,118,119,120,121,122,123,124,125 126,127,128,129,130,131,132,134,135,136,137 138,139,140,141,142,143,144,145,146,147,148 149,150,151,152,153,154,159,160,161,162,163 164,165,166,167						Detected		
Asbestos	S0021	Other   Window   Caulking   Black	47,48,50,51,53,54,56,57,59,60,63,65,68,70,72 74,75,76,79,81,84,86,87,88,90,91,93,94,96,99 101,104,106,107,109,111,112,114,115,117,118 119,126,127,128,130,131,132,134,135,136,137 138,147,148,149,150,151,152,153,154,163,165 166,167	A	3300	0	0	0	Chrysotile	Yes	NF
Asbestos	S0022	Floor    Vinyl Sheet Flooring   Grey Streaks	79,81,86,107,126,127,128,130,131,132,147,148 149,152,153,154	A	0	4150	0	0	None Detected	No	
Asbestos	S0023	Wall, Floor, Wall    Caulking   White	79,80,81,86,107,126,127,128,130,131,132,147 148,149,152,153,154	A	170	50	0	0	None Detected	No	
Asbestos	S0024	Wall    Mastic, Black	81,86	A	0	25	0	0	None Detected	No	
Asbestos	S0025	Other   Sink   Mastic	84,115	A	0	0	4	0	Chrysotile	Yes	NF
Asbestos	S0026	Floor    Cement Product	106	A	0	200	0	0	None Detected	No	
Asbestos	S0027	Floor    Vinyl Sheet Flooring   Cream Squares	115	A	0	200	0	0	None Detected	No	
Asbestos	S0028 ABC	Ceiling    Ceiling Tile (mechanically Fastened)   12X12 Fissures	119	A	0	200	0	0	None Detected	No	
Asbestos	S0029	Structure    Mastic, Black   Pipe Penetration	133	A	0	10	0	0	None Detected	No	
Asbestos	S0030	Wall    Caulking   Grey	133	A	200	0	0	0	None Detected	No	
Asbestos	S0031	Piping    Caulking   White And Black	133	A	10	0	0	0	None Detected	No	
Asbestos	V0000	Ceiling   All   Metal	33,34,35	A	0	300	0	0	Non Asbestos	No	
Asbestos	V0000	Duct   All   Fibreglass	3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19 20,21,22,23,24,25,26,27,28,29,30,31,37,38,39 40,41,42	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Duct   All   Not Insulated	2,36,46,49,52,55,58,61,62,64,66,67,69,71,73 77,80,82,83,85,89,92,95,97,98,100,102,103,105 108,110,113,116,120,121,122,123,124,125,129 139,140,141,142,143,144,145,146,159,160,161 162,164	A	0	0	0	100	Non Asbestos	No	

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	V0000	Floor   All   Carpet	2,3,4,5,6,7,11,14,15,19,21,22,23	A	0	8800	0	0	Non Asbestos	No	
Asbestos	V0000	Floor   All   Ceramic Tiles	8,9,10,12,13,33,34,35	A	0	3590	0	0	Non Asbestos	No	
Asbestos	V0000	Floor   All   Concrete (poured)	16,17,18,20,24,25,26,27,28,29,30,31,36,37,38 39,40,41,42,44,45,46,47,48,49,50,51,52,53,54 55,56,57,58,59,60,61,62,63,64,65,66,67,68,69 70,71,72,73,74,75,76,77,78,79,80,81,82,83,84 85,86,87,88,89,90,91,92,93,94,95,96,97,98,99 100,101,102,103,104,105,106,107,108,109,110 111,112,113,114,116,117,118,119,120,121,122 123,124,125,126,127,128,129,130,131,132,134 135,136,137,138,139,140,141,142,143,144,145 146,147,148,149,150,151,152,153,154,159,160 161,162,163,164,165,166,167	A	0	40000	0	0	Non Asbestos	No	
Asbestos	V0000	Mechanical Equipment   Generating Unit, Boiler   Not Insulated	25,27	A	0	0	4	0	Non Asbestos	No	
Asbestos	V0000	Piping   All   Fibreglass	2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18 19,20,21,22,23,24,25,26,27,28,29,30,31,36,37 38,39,46,49,52,55,58,61,62,64,66,67,69,71,73 77,80,82,83,85,89,92,95,97,98,100,102,103,105 108,110,113,116,120,121,122,123,124,125,129 139,140,141,142,143,144,145,146,159,160,161 162,164	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Piping   All   Not Insulated	2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18 19,20,21,22,23,24,26,27,28,29,30,31,37,38,39 40,41,42	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Structure   All   Concrete (poured)	2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18 19,20,21,22,23,24,25,26,27,28,29,30,31,36,37 38,39,40,41,42,45,46,47,48,49,50,51,52,53,54 55,56,57,58,59,60,61,62,63,64,65,66,67,68,69 70,71,72,73,74,75,76,77,78,79,80,81,82,83,84 85,86,87,88,89,90,91,92,93,94,95,96,97,98,99 100,101,102,103,104,105,106,107,108,109,110 111,112,113,114,115,116,117,118,119,120,121 122,123,124,125,126,127,128,129,130,131,132 134,135,136,137,138,139,140,141,142,143,144 145,146,147,148,149,150,151,152,153,154,159 160,161,162,163,164,165,166,167	A	0	52090	0	0	Non Asbestos	No	
Asbestos	V0000	Structure   All   Wood	44	A	0	200	0	0	Non Asbestos	No	
Asbestos	V0000	Wall   All   Ceramic Tiles	16,18,20,28,29,32,45,46,47,48,49,50,51,52,53 54,55,56,57,58,59,60,61,62,63,64,65,66,67,68 69,70,71,72,73,74,75,76,77,78,79,80,81,82,83 84,85,86,87,88,89,90,91,92,93,94,95,96,97,98	A	0	15280	0	0	Non Asbestos	No	

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
			99,100,101,102,103,104,105,106,107,108,109 110,111,112,113,114,115,116,117,118,119,120 121,122,123,124,125,126,127,128,129,130,131 132,134,135,136,137,138,139,140,141,142,143 144,145,146,147,148,149,150,151,152,153,154 159,160,161,162,163,164,165,166,167								
Asbestos	V0000	Wall   All   Masonry   Hollow	2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18 19,20,21,22,23,24,25,26,27,28,29,30,31,36,37 38,39,40,41,42,43,45,47,48,50,51,53,54,56,57 59,60,63,65,68,70,72,74,75,76,78,79,81,84,86 87,88,90,91,93,94,96,99,101,104,106,107,109 111,112,114,115,117,118,119,126,127,128,130 131,132,134,135,136,137,138,147,148,149,150 151,152,153,154,163,165,166,167	A	0	72850	0	0	Non Asbestos	No	
Asbestos	V0000	Wall   All   Metal	33,34,35	A	0	750	0	0	Non Asbestos	No	
Asbestos	V0000	Wall   All   Wood	44	A	0	500	0	0	Non Asbestos	No	
Paint	L0001	Wall   Plaster   Pink	1	A	0	600	0	0		No	-
Paint	L0002	Wall   Masonry   White	2,3,4,5,6,7,8,11,14,15,16,17,18 19,20,21,22,23,24,25,26,27,28,29,30,31 36,37,38,39,40,41,42	A	0	134500	0	100		No	-
Paint	L0003	Other   Metal   White	3,4,5,6,7,8,9,10,11,12,13,14,15 19,21,22,23	A	1100	0	0	0	Lead	Yes	-
Paint	L0004	Other   Metal   Blue	16,18,20	A	50	250	0	0	Lead	Yes	-
Paint	L0005	Other   Metal   White	17,24,26,27,28,29,30,31,37,38,39,40,41 42,47,48,50,51,53,54,56,57,59,60,63,65 68,70,72,74,75,76,79,81,84,86,87,88,90 91,93,94,96,99,101,104,106,107,109,111,112,114 115,117,118,119,126,127,128,130,131,132,134,135, 136 137,138,147,148,149,150,151,152,153,154,163,165, 166 167	A	4000	0	0	0	Lead	Yes	-
Paint	L0006	Floor   Concrete (poured)   Grey	25	A	0	200	0	0	Lead	Yes	-
Paint	L0007	Floor   Concrete (poured)   Red	27	A	0	2000	0	0	Lead	Yes	-
Paint	L0008	Wall   Masonry   Green	36	A	0	1000	0	0	Lead	Yes	-
Paint	L0009	Wall   Masonry   Orange	36	A	0	10	0	0	Lead	Yes	-
Paint	L0010	Wall   Metal   White	133	A	0	200	0	0	Lead	Yes	-
PCB	P0001	Caulking   Grey	1	A	10000	0	0	0	-	No	-
PCB	P0002	Caulking   Black	47,48,50,51,53,54,56,57,59,60,63,65,68 70,72,74,75,76,79,81,84,86,87,88,90,91 93,94,96,99,101,104,106,107,109,111,112,114,115 117,118,119,126,127,128,130,131,132,134,135,136,	A	3300	0	0	0	-	No	-

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
			137 138,147,148,149,150,151,152,153,154,163,165,166, 167								
PCB	P0003	Caulking   Grey	133	A	200	0	0	0	-	No	-
PCB	P0004	Caulking   White And Black	133	A	10	0	0	0	-	No	-
PCB	V9500	Light Ballasts	2,3,4,5,6,7,8,11,14,15,16,18,19 21	A	0	0	64	0	Presumed PCB	Yes	-
Mould	V9500	Wood	44	A	0	500	0	0	Presumed Mould	Yes	-
Hg	V9000	Fluorescent Light Tube	2,3,4,5,6,7,8,11,14,15,16,18,19 21	A	0	0	128	0	Hg	Yes	-

## Legend:

Sample number		Units			
S####	Asbestos sample collected	SF	Square feet	NF	Non Friable material.
L####	Paint sample collected	LF	Linear feet	F	Friable material
P####	PCB sample collected	EA	Each	PF	Potentially Friable material
M####	Mould sample collected	%	Percentage		
V####	Material visually similar to numbered sample collected				
V0000	Known non Hazardous Material				
V9000	Material is visually identified as Hazardous Material				
V9500	Material is presumed to be Hazardous Material				
[Loc. No.]	Abated Material				

**APPENDIX VI**  
**HMIS All Data Report**

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #1 : Exterior  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:**

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 47000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			B	Y	Y	600			SF	S0004ABC	None Detected	N.D.	None	
Ceiling	Not Found															
Duct	Not Accessible															
Floor	Not Found															
Mechanical Equipment	All	None Found														
Other		Caulking, Grey			A	Y	Y	10000			LF	S0003	None Detected	N.D.	None	
Piping	Not Accessible															
Structure	All				C	N		47000			SF					
Wall		Plaster			A	Y	Y	800			SF	S0005ABC	None Detected	N.D.	None	
Wall		Cement Product			A	Y	Y	15000			SF	S0002ABC DEFG	None Detected	N.D.	None	
Wall		Mortar			A	Y	Y	150000			SF	S0001ABC DEFG	None Detected	N.D.	None	
Wall	All	Masonry			A	Y	Y	150000			SF					

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #1 : Exterior  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:**

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 47000

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Plaster	600		SF	L0001	Pink	Pb: 0.0038 %	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #1 : Exterior  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:**

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 47000

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	10000	LF	P0001	Grey	<0.2 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #2 : Administration Area**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 2000**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 24x48 large fissures and pinholes			C	Y	Y	1			EA	S0009A	None Detected	N.D.	None	
Ceiling	Not Found				C	Y		2000			SF					
Duct <sup>1</sup>	All	Not Insulated			C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Adhesive/mastic			D	N	N	2000			SF	S0007	Chrysotile	1-5%	Confirmed Asbestos	NF
Floor	All	Carpet			A	Y	Y	2000			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	2000			SF	V0000	Non-Asbestos		None	
Wall		Adhesive/mastic			A	Y	Y	300			SF	S0008	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	5000			SF	V0000	Non-Asbestos		None	

Intrusive inspection for vermiculite conducted.  
1 - No mastic

**Client: Town Of Drumheller Public Works Building**  
**Location: #2 : Administration Area**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 2000**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	L0002	White	Pb: 0.0063 %	No	

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #2 : Administration Area**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 2000**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	8	EA	V9000	Yes

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #2 : Administration Area**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 2000**



PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	4	EA	V9500			Presumed

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #3 : Office**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Adhesive/mastic			D	N	N	200			SF	V0007	Chrysotile	1-5%	Confirmed Asbestos	NF
Floor	All	Carpet			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	S0010A	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #3 : Office**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal		50	LF	L0003	White	Pb: 0.068 %	Lead	

Intrusive inspection for vermiculite conducted.

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #3 : Office**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	8	EA	V9000	Yes

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #3 : Office**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	4	EA	V9500			Presumed

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #4 : Office**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Adhesive/mastic			D	N	N	200			SF	V0007	Chrysotile	1-5%	Confirmed Asbestos	NF
Floor	All	Carpet			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #4 : Office**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal		50	LF	V0003	White	Pb: 0.068 %	Lead	

Intrusive inspection for vermiculite conducted.

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #4 : Office**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	8	EA	V9000	Yes

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #4 : Office**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	4	EA	V9500			Presumed

Intrusive inspection for vermiculite conducted.

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #5 : Room 1011  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		500			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Adhesive/mastic			D	N	N	500			SF	V0007	Chrysotile	1-5%	Confirmed Asbestos	NF
Floor	All	Carpet			A	Y	Y	500			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	500			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	1250			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #5 : Room 1011  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 500

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal		50	LF	V0003	White	Pb: 0.068 %	Lead	

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #5 : Room 1011  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 500

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	8	EA	V9000	Yes

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #5 : Room 1011  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 500

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	4	EA	V9500			Presumed



**Client: Town Of Drumheller Public Works Building**  
**Location: #6 : Room 1006**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Adhesive/mastic			D	N	N	200			SF	V0007	Chrysotile	1-5%	Confirmed Asbestos	NF
Floor	All	Carpet			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #6 : Room 1006**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal		50	LF	V0003	White	Pb: 0.068 %	Lead	

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #6 : Room 1006**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	8	EA	V9000	Yes

**Client: Town Of Drumheller Public Works Building**  
**Location: #6 : Room 1006**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	4	EA	V9500			Presumed





**Client: Town Of Drumheller Public Works Building**  
**Location: #7 : Hallway**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 2000**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		2000			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Adhesive/mastic			D	N	N	2000			SF	V0007	Chrysotile	1-5%	Confirmed Asbestos	NF
Floor	All	Carpet			A	Y	Y	2000			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	2000			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	S0010B	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #7 : Hallway**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 2000**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal		50	LF	V0003	White	Pb: 0.068 %	Lead	

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #7 : Hallway**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 2000**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	8	EA	V9000	Yes

**Client: Town Of Drumheller Public Works Building**  
**Location: #7 : Hallway**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 2000**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	4	EA	V9500			Presumed



**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #8 : Reception  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 3000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		3000			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Mortar		Ceramic Tiles	D	N	N	3000			SF	S0011A	None Detected	N.D.	None	
Floor	All	Ceramic Tiles			A	Y	Y	3000			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	3000			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #8 : Reception  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 3000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal	50		LF	V0003	White	Pb: 0.068 %	Lead	

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #8 : Reception  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 3000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	8	EA	V9000	Yes

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #8 : Reception  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 3000

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	4	EA	V9500			Presumed



**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #9 : Washroom  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 80

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		80			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Mortar		Ceramic Tiles	D	N	N	80			SF	V0011	None Detected	N.D.	None	
Floor	All	Ceramic Tiles			A	Y	Y	80			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	80			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	200			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	200			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #9 : Washroom  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 80

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other <sup>1</sup>	Metal	50		LF	V0003	White	Pb: 0.068 %	Lead	

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #10 : Janitors Closet  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		50			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Mortar		Ceramic Tiles	D	N	N	50			SF	V0011	None Detected	N.D.	None	
Floor	All	Ceramic Tiles			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	200			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	200			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #10 : Janitors Closet  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other <sup>1</sup>	Metal	50		LF	V0003	White	Pb: 0.068 %	Lead	

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #11 : Office  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Adhesive/mastic			D	N	N	200			SF	V0007	Chrysotile	1-5%	Confirmed Asbestos	NF
Floor	All	Carpet			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #11 : Office  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal		50	LF	V0003	White	Pb: 0.068 %	Lead	

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #11 : Office  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	8	EA	V9000	Yes

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #11 : Office  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	4	EA	V9500			Presumed





**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #12 : Washroom  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 80

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		80			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Mortar		Ceramic Tiles	D	N	N	80			SF	V0011	None Detected	N.D.	None	
Floor	All	Ceramic Tiles			A	Y	Y	80			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	80			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	200			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	200			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #12 : Washroom  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 80

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other <sup>1</sup>	Metal	50		LF	V0003	White	Pb: 0.068 %	Lead	

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #13 : Washroom  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 80

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		80			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Mortar		Ceramic Tiles	D	N	N	80			SF	V0011	None Detected	N.D.	None	
Floor	All	Ceramic Tiles			A	Y	Y	80			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	80			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	200			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	200			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #13 : Washroom  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 80

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other <sup>1</sup>	Metal	50		LF	V0003	White	Pb: 0.068 %	Lead	

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #14 : Room 1014  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Adhesive/mastic			D	N	N	200			SF	V0007	Chrysotile	1-5%	Confirmed Asbestos	NF
Floor	All	Carpet			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #14 : Room 1014  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal		50	LF	V0003	White	Pb: 0.068 %	Lead	

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #14 : Room 1014  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	8	EA	V9000	Yes

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #14 : Room 1014  
**Survey Date:** 2022-04-28

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	4	EA	V9500			Presumed



**Client: Town Of Drumheller Public Works Building**  
**Location: #15 : Room 1013**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Adhesive/mastic			D	N	N	200			SF	V0007	Chrysotile	1-5%	Confirmed Asbestos	NF
Floor	All	Carpet			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	S0010C	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #15 : Room 1013**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal		50	LF	V0003	White	Pb: 0.068 %	Lead	

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #15 : Room 1013**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	8	EA	V9000	Yes

**Client: Town Of Drumheller Public Works Building**  
**Location: #15 : Room 1013**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	4	EA	V9500			Presumed



**Client: Town Of Drumheller Public Works Building**  
**Location: #16 : Shower Room**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		500			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Adhesive/mastic			D	N	N	500			SF	V0007	Chrysotile	1-5%	Confirmed Asbestos	NF
Floor	All	Concrete (poured)			A	Y	Y	500			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other <sup>1</sup>	Debris	Parging Cement			C	Y	Y	1			EA	S0012A	Chrysotile	10-25%	Confirmed Asbestos	F
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	500			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	S0010D	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	200			SF	S0011B	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

1 - Pipe elbow

**Client: Town Of Drumheller Public Works Building**  
**Location: #16 : Shower Room**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal		50	LF	L0004	Blue	Pb: 0.084 %	Lead	

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #16 : Shower Room**  
**Survey Date: 2022-04-28**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	16	EA	V9000	Yes

**Client: Town Of Drumheller Public Works Building**

**Site: 625 Riverside Drive East, Drumheller, AB**

**Building Name: Old Health Centre**



**Location: #16 : Shower Room**  
**Survey Date: 2022-04-28**

**Floor: 1**

**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	8	EA	V9500			Presumed

**Client: Town Of Drumheller Public Works Building**  
**Location: #17 : Vestibule**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping		Parging Cement	Elbow	Canvas	C	Y	Y	1				S0012B	Chrysotile	10-25%	Confirmed Asbestos	F
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #17 : Vestibule**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No
Other <sup>1</sup>	Metal		50	LF	L0005	White	Pb: 2.2 %	Lead

1 - Door frame

**Client:** Town Of Drumheller Public Works Building  
**Location:** #18 : Shower Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		500			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	500			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other <sup>1</sup>	Debris	Parging Cement			C	Y	Y	1			EA	S0012C	Chrysotile	10-25%	Confirmed Asbestos	F
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	500			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	200			SF	S0011C	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

1 - Pipe elbow

**Client:** Town Of Drumheller Public Works Building  
**Location:** #18 : Shower Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 500

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal	50	50	SF	V0004	Blue	Pb: 0.084 %	Lead	

1 - Door frame

**Client:** Town Of Drumheller Public Works Building  
**Location:** #18 : Shower Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 500

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	16	EA	V9000	Yes

**Client:** Town Of Drumheller Public Works Building  
**Location:** #18 : Shower Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 500

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	8	EA	V9500			Presumed

**Client: Town Of Drumheller Public Works Building**  
**Location: #19 : Room 1021**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 800**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		800			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Adhesive/mastic			D	N	N	800			SF	V0007	Chrysotile	1-5%	Confirmed Asbestos	NF
Floor	All	Carpet			A	Y	Y	800			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	800			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #19 : Room 1021**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 800**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal		50	LF	V0003	White	Pb: 0.068 %	Lead	

Intrusive inspection for vermiculite conducted.

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #19 : Room 1021**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 800**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	8	EA	V9000	Yes

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #19 : Room 1021**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 800**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	4	EA	V9500			Presumed

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #20 : Shower Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		500			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	500			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	500			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	200			SF	V0011	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #20 : Shower Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No
Other <sup>1</sup>	Metal	50	50	SF	V0004	Blue	Pb: 0.084 %	Lead

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #21 : Room 1031**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Adhesive/mastic			D	N	N	200			SF	V0007	Chrysotile	1-5%	Confirmed Asbestos	NF
Floor	All	Carpet			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #21 : Room 1031**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal		50	LF	V0003	White	Pb: 0.068 %	Lead	

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #21 : Room 1031**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	8	EA	V9000	Yes

**Client: Town Of Drumheller Public Works Building**  
**Location: #21 : Room 1031**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	4	EA	V9500			Presumed





**Client: Town Of Drumheller Public Works Building**  
**Location: #22 : Hallway**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 2000**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		2000			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Adhesive/mastic			D	N	N	2000			SF	V0007	Chrysotile	1-5%	Confirmed Asbestos	NF
Floor	All	Carpet			A	Y	Y	2000			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	2000			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	5000			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Firestopping (friable)			C	Y	Y	1			SF	S0013	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	5000			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #22 : Hallway**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 2000**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No
Other <sup>1</sup>	Metal	300		LF	V0003	White	Pb: 0.068 %	Lead

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #23 : Janitors Closet  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		100			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Adhesive/mastic			D	N	N	100			SF	V0007	Chrysotile	1-5%	Confirmed Asbestos	NF
Floor	All	Carpet			A	Y	Y	100			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping		Parging Cement	Elbow	Canvas	B	Y	Y	1			EA	V0012	Chrysotile	10-25%	Confirmed Asbestos	F
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	100			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #23 : Janitors Closet  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal	50		LF	V0003	White	Pb: 0.068 %	Lead	

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #24 : Vestibule**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		500			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	500			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping		Parging Cement	Elbow	Canvas	C	Y	Y	1				V0012	Chrysotile	10-25%	Confirmed Asbestos	F
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	500			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	3			LF	S0014A	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #24 : Vestibule**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No
Other <sup>1</sup>	Metal		50	LF	V0005	White	Pb: 2.2 %	Lead

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #25 : Generator Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	Generating Unit	Not Insulated			A	Y	Y	2			EA	V0000	Non-Asbestos		None	
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #25 : Generator Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Masonry	100		%	V0002	White	Pb: 0.0063 %	No
Floor	Concrete (poured)	200		SF	L0006	Grey	Pb: 0.34 %	Lead

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #26 : Office  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	S0010E	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #26 : Office  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #27 : Mechanical Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 2000**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		2000			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	2000			SF	V0000	Non-Asbestos		None	
Mechanical Equipment 1	Boiler	Not Insulated			A	Y		2			EA	V0000	Non-Asbestos		None	
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	2000			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	5000			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	5000			SF	V0000	Non-Asbestos		None	

Limited accessibility due to pipe blocking the stairs. Intrusive inspection for vermiculite conducted.

1 - Limited accessibility due to pipe blocking the stairs

**Client: Town Of Drumheller Public Works Building**  
**Location: #27 : Mechanical Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 2000**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	
Floor	Concrete (poured)	2000		SF	L0007	Red	Pb: 0.011 %	Lead	

Limited accessibility due to pipe blocking the stairs. Intrusive inspection for vermiculite conducted.

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #28 : Cafeteria  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 2000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		2000			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Non-slip Flooring			A	Y	Y	2000			SF	S0015	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	2000			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	2000			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	5000			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			A	Y	Y	1000			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	Y	2000			SF	S0011D	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #28 : Cafeteria  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 2000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

1 - Door frame



**Client: Town Of Drumheller Public Works Building**  
**Location: #29 : Cafeteria**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 5000**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		5000			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor		Non-slip Flooring			A	Y	Y	5000			SF	V0015	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	5000			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	5000			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	5000			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			A	Y	Y	1000			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	Y	2000			SF	V0011	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #29 : Cafeteria**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 5000**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #30 : Office  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	S0010F	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #30 : Office  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #31 : Office  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #31 : Office  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #32 : Janitors Closet  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Drywall and joint compound			C	Y	Y	50			SF	S0016A	Chrysotile	1-5%	Confirmed Asbestos	NF
Duct	Not Accessible															
Floor	All	Non-slip Flooring			A	Y	Y	50			SF	V0015	None Detected	N.D.	None	
Mechanical Equipment	All	None Found														
Piping	Not Accessible															
Structure	Not Accessible				C	N		50			SF					
Wall		Mortar			D	N	N	125			SF	V0011	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #33 : Cooler  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Metal			C	Y	Y	100			SF	V0000	Non-Asbestos		None	
Duct	Not Accessible															
Floor		Mortar		Ceramic Tiles	D	N	N	100			SF	V0011	None Detected	N.D.	None	
Floor	All	Ceramic Tiles			A	Y	Y	100			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	Not Accessible															
Structure	Not Accessible				C	N		100			SF					
Wall	All	Metal			A	Y	Y	250			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #33 : Cooler  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Concrete (poured)	100		%				No



**Client: Town Of Drumheller Public Works Building**  
**Location: #34 : Cooler**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Metal			C	Y	Y	100			SF	V0000	Non-Asbestos		None	
Duct	Not Accessible															
Floor		Mortar		Ceramic Tiles	D	N	N	100			SF	S0011E	None Detected	N.D.	None	
Floor	All	Ceramic Tiles			A	Y	Y	100			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	Not Accessible															
Structure	Not Accessible				C	N		100			SF					
Wall	All	Metal			A	Y	Y	250			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #34 : Cooler**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Concrete (poured)	100		%				No

**Client: Town Of Drumheller Public Works Building**  
**Location: #35 : Cooler**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Metal			C	Y	Y	100			SF	V0000	Non-Asbestos		None	
Duct	Not Accessible															
Floor		Mortar		Ceramic Tiles	D	N	N	100			SF	V0011	None Detected	N.D.	None	
Floor	All	Ceramic Tiles			A	Y	Y	100			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	Not Accessible															
Structure	Not Accessible				C	N		100			SF					
Wall	All	Metal			A	Y	Y	250			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #35 : Cooler**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Concrete (poured)	100		%				No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #36 : Laundry Area  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 2000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		2000			SF					
Duct	All	Not Insulated			C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	2000			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	2000			SF	V0000	Non-Asbestos		None	
Wall	All	Masonry, Hollow			A	Y	Y	5000			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #36 : Laundry Area  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 2000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Drywall and joint compound	2000		SF	V0002	White	Pb: 0.0063 %	No	
Wall	Masonry	1000		SF	L0008	Green	Pb: 0.024 %	Lead	
Wall	Masonry	10		SF	L0009	Orange	Pb: 2.6 %	Lead	



**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #37 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	S0010G	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #37 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	5000		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #38 : Storage Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

Intrusive inspection for vermiculite conducted.

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #38 : Storage Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	500		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

Intrusive inspection for vermiculite conducted.

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #39 : Loading Dock**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 1500**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		1500			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	1500			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping		Fibreglass		Canvas	C	N	Y	100			%	V0000	Non-Asbestos		None	
Piping		Parging Cement	Elbow	Canvas	C	N	Y	2			EA	V0012	Chrysotile	10-25%	Confirmed Asbestos	F
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	1500			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #39 : Loading Dock**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 1500**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Masonry	500		SF	V0002	White	Pb: 0.0063 %	No
Other <sup>1</sup>	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #40 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		100			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	100			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	100			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #40 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	500		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #41 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		100			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	100			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	100			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #41 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	500		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

1 - Door frame

**Client: Town Of Drumheller Public Works Building**  
**Location: #42 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 600**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		600			SF					
Duct	All	Fibreglass		Foil Face	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	600			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	600			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound, Puck on concrete block			A	Y	Y	500			SF	V0010	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall	All	Masonry, Hollow			A	Y	Y	1500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #42 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 1**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 600**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	500		SF	V0002	White	Pb: 0.0063 %	No	
Other <sup>1</sup>	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

1 - Door frame

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #43 : Hallway  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 800

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Texture Coat			C	Y	Y	800			SF	S0017ABC	Chrysotile	1-5%	Confirmed Asbestos	F
Duct	Not Accessible															
Floor	All	Non-slip Flooring			A	Y		800			SF	V0015	None Detected	N.D.	None	
Mechanical Equipment	All	None Found														
Piping	Not Accessible															
Structure	All	Concrete (poured)			C	N		800			SF					
Wall	All	Masonry, Hollow			A	Y	Y	1800			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #44 : Telephone Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	All															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All															
Structure	All	Wood			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall	All	Wood			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #44 : Telephone Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 1

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

MOULD									
System	Material	Visible	Quantity	Unit	Sample Type	Sample No	Sample Description	Mould	
Wall	Wood	Y	500	SF	V	9500		Presumed	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #45 : Room 43  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	S0018A	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Drywall and joint compound			A	Y	Y	10			SF	S0016B	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	S0020A	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	



**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #46 : Washroom**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #47 : Room 42  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	S0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	S0018B	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	S0014B	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	S0020B	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #47 : Room 42  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #47 : Room 42  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	P0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #48 : Room 41  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	S0014C	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

Intrusive inspection for vermiculite conducted.

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #48 : Room 41  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

Intrusive inspection for vermiculite conducted.

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #48 : Room 41  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #49 : Washroom**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #50 : Room 40  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	S0020C	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #50 : Room 40  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #50 : Room 40  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #51 : Room 39  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #51 : Room 39  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #51 : Room 39  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #52 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #53 : Room 38**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #53 : Room 38**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #53 : Room 38**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

Intrusive inspection for vermiculite conducted.



**Client: Town Of Drumheller Public Works Building**  
**Location: #54 : Room 37**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #54 : Room 37**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #54 : Room 37**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #55 : Washroom**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #56 : Room 36  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #56 : Room 36  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #56 : Room 36  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #57 : Room 35**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #57 : Room 35**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #57 : Room 35**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #58 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #59 : Play Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #59 : Play Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #59 : Play Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #60 : Room 33**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	S0018C	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #60 : Room 33**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #60 : Room 33**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #61 : Washroom**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	S0020D	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	



**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #62 : Washroom**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #63 : Room 32**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #63 : Room 32**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #63 : Room 32**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

Intrusive inspection for vermiculite conducted.

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #64 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #65 : Room 31**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #65 : Room 31**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #65 : Room 31**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #66 : Washroom**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #67 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #68 : Room 30**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #68 : Room 30**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #68 : Room 30**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #69 : Washroom**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	



**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #70 : Room 29  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #70 : Room 29  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #70 : Room 29  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #71 : Washroom**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #72 : Room 28**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	S0018D	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	S0014D	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	S0020E	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #72 : Room 28**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

Intrusive inspection for vermiculite conducted.

**Client: Town Of Drumheller Public Works Building**  
**Location: #72 : Room 28**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

Intrusive inspection for vermiculite conducted.

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #73 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #74 : Room 27**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #74 : Room 27**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #74 : Room 27**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #75 : Room 26  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in)			A	Y	Y	1			EA	S0009B	None Detected	N.D.	None	
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

1 - Debris

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #75 : Room 26  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #75 : Room 26  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #76 : Room 25  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #76 : Room 25  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #76 : Room 25  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #77 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	



**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #78 : Hallway  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 5000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		5000			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	5000			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	5000			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Drywall and joint compound			A	Y	Y	100			SF	S0016C	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #79 : Room 24**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	200			SF	S0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	S0018E	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	S0020F	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	S0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #79 : Room 24**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead

**Client: Town Of Drumheller Public Works Building**  
**Location: #79 : Room 24**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #80 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Sheet Flooring			A	Y	Y	50			SF	V0023	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #81 : Room 23**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	200			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mastic, Black			A	Y	Y	5			SF	S0024	None Detected	N.D.	None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #81 : Room 23**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #81 : Room 23**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #82 : Washroom**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #83 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #84 : Nurses Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Sink	Mastic			A	Y	Y	2			EA	S0025	Chrysotile	1-5%	Confirmed Asbestos	NF
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	S0020G	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #84 : Nurses Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #84 : Nurses Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #85 : Storage Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	



**Client: Town Of Drumheller Public Works Building**  
**Location: #86 : Patient Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	200			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mastic, Black			A	Y	Y	20			SF	V0024	None Detected	N.D.	None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #86 : Patient Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #86 : Patient Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #87 : Office**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #87 : Office**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #87 : Office**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #88 : Room 15**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #88 : Room 15**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #88 : Room 15**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #89 : Washroom**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #90 : Room 14**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #90 : Room 14**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #90 : Room 14**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #91 : Room 13**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #91 : Room 13**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #91 : Room 13**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #92 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #93 : Room 12  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

Intrusive inspection for vermiculite conducted.

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #93 : Room 12  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

Intrusive inspection for vermiculite conducted.

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #93 : Room 12  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

Intrusive inspection for vermiculite conducted.



**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #94 : Room 11  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #94 : Room 11  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #94 : Room 11  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #95 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #96 : Room 10**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #96 : Room 10**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #96 : Room 10**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #97 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #98 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #99 : Room 9  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #99 : Room 9  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #99 : Room 9  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #100 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #101 : Room 8**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #101 : Room 8**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #101 : Room 8**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No



**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #102 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #103 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #104 : Room 7  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:** .  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #104 : Room 7  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:** .  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #104 : Room 7  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:** .  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #105 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #106 : Office  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor		Cement Product			A	Y	Y	200			SF	S0026	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #106 : Office  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #106 : Office  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #107 : Room 5**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	200			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #107 : Room 5**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead

**Client: Town Of Drumheller Public Works Building**  
**Location: #107 : Room 5**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #108 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #109 : Room 4  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #109 : Room 4  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #109 : Room 4  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No



**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #110 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #111 : Room 3  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #111 : Room 3  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #111 : Room 3  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #112 : Room 2**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #112 : Room 2**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #112 : Room 2**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #113 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #114 : Room 1**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #114 : Room 1**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #114 : Room 1**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #115 : Nurses Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Cream squares			A	Y	Y	200			SF	S0027	None Detected	N.D.	None	
Mechanical Equipment	All	None Found														
Other	Sink	Mastic			A	Y	Y	2			EA	V0025	Chrysotile	1-5%	Confirmed Asbestos	NF
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #115 : Nurses Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building:**  
**Location:** #115 : Nurses Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #116 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #117 : Patient Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #117 : Patient Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #117 : Patient Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No



**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #118 : Patient Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #118 : Patient Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #118 : Patient Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #119 : Conference Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tile (mechanically fastened), 12x12 fissures			A	Y	Y	200			SF	S0028ABC	None Detected	N.D.	None	
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #119 : Conference Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #119 : Conference Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #120 : Lab**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		500			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	500			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	500			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	1500			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	1500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #121 : Lab**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		500			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	500			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	500			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	1500			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	1500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #122 : Janitors Closet  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #123 : Lab**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		500			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	500			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	500			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	1500			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	1500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #124 : Washroom**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #125 : Lab  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		500			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	500			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	500			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	1500			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	1500			SF	V0000	Non-Asbestos		None	



**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #126 : X Ray Office  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	200			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #126 : X Ray Office  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #126 : X Ray Office  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #127 : X Ray Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	200			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #127 : X Ray Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead

**Client: Town Of Drumheller Public Works Building**  
**Location: #127 : X Ray Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #128 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		50			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	50			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #128 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #128 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #129 : Washroom**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #130 : Lab**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	200			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #130 : Lab**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #130 : Lab**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #131 : Dark Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		100			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	100			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	100			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	100			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #131 : Dark Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead

**Client: Town Of Drumheller Public Works Building**  
**Location: #131 : Dark Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #132 : Developing Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		100			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	100			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	100			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	100			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #132 : Developing Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead

**Client: Town Of Drumheller Public Works Building**  
**Location: #132 : Developing Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #133 : Roof  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:**

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 47000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Caulking, White and black			A	Y	Y	10			LF	S0031	None Detected	N.D.	None	
Structure		Mastic, Black, Pipe penetration			C	Y	Y	10			SF	S0029	None Detected	N.D.	None	
Structure		Roofing material			C	Y	Y	47000			SF	S0006ABC	None Detected	N.D.	None	
Wall		Caulking, Grey			A	Y	Y	200			LF	S0030	None Detected	N.D.	None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #133 : Roof  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:**

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 47000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Metal		200	SF	L0010	White	Pb: 0.41 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #133 : Roof  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:**

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 47000

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	200	LF	P0003	Grey	<0.2 mg/kg	No
Caulking	10	LF	P0004	White and black	<0.2 mg/kg	No



**Client: Town Of Drumheller Public Works Building**  
**Location: #134 : Day Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #134 : Day Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #134 : Day Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #135 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		100			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	100			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	100			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #135 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #135 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 100**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #136 : Clean Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #136 : Clean Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #136 : Clean Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #137 : Treatment Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #137 : Treatment Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #137 : Treatment Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #138 : Utility Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #138 : Utility Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #138 : Utility Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #139 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #140 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #141 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	



**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #142 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #143 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #144 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #145 : Washroom**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #146 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #147 : Emergency Delivery**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		500			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	500			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	500			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	500			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #147 : Emergency Delivery**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead

**Client: Town Of Drumheller Public Works Building**  
**Location: #147 : Emergency Delivery**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #148 : Clean Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		500			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	500			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	500			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	500			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #148 : Clean Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead

**Client: Town Of Drumheller Public Works Building**  
**Location: #148 : Clean Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #149 : Delivery Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		500			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	500			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	500			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	500			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #149 : Delivery Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead

**Client: Town Of Drumheller Public Works Building**  
**Location: #149 : Delivery Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 500**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No



**Client: Town Of Drumheller Public Works Building**  
**Location: #150 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		50			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #150 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #150 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #151 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		50			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #151 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #151 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #152 : Nurses Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	200			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #152 : Nurses Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead

**Client: Town Of Drumheller Public Works Building**  
**Location: #152 : Nurses Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #153 : Doctors Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	200			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #153 : Doctors Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead

**Client: Town Of Drumheller Public Works Building**  
**Location: #153 : Doctors Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #154 : Clean Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 300**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		300			SF					
Ceiling	Not Found				C	Y		300			SF					
Duct	Not Found															
Duct	Not Found															
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	300			SF	V0022	None Detected	N.D.	None	
Floor		Vinyl Sheet Flooring, Grey streaks			A	Y	Y	300			SF	V0022	None Detected	N.D.	None	
Floor	All	Concrete (poured)			A	Y	Y	300			SF	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	300			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	300			SF	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	300			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall		Caulking, White			A	Y	Y	10			LF	V0023	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #154 : Clean Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 300**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead

**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #154 : Clean Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 300**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #159 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works**  
**Building**  
**Location: #160 : Washroom**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 50**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	



**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #161 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #162 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #163 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 400**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		400			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	400			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	400			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #163 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 400**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #163 : Storage Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 400**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #164 : Washroom  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Accessible				C	Y		50			SF					
Duct	All	Not Insulated			C	N	Y	100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y	Y	50			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Fibreglass		Canvas	C	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	All	Concrete (poured)			C	N	Y	50			SF	V0000	Non-Asbestos		None	
Wall		Mortar		Ceramic Tiles	D	N	N	125			SF	V0020	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y	Y	125			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #165 : Treatment Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #165 : Treatment Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #165 : Treatment Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #166 : Treatment Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #166 : Treatment Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client:** Town Of Drumheller Public Works  
**Building**  
**Location:** #166 : Treatment Room  
**Survey Date:** 2022-04-29

**Site:** 625 Riverside Drive East, Drumheller, AB  
**Floor:** 2

**Building Name:** Old Health Centre  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

**Client: Town Of Drumheller Public Works Building**  
**Location: #167 : Treatment Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y		200			SF					
Duct	Not Found															
Floor	All	Concrete (poured)			A	Y	Y	200			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Other	Window	Caulking, Black			A	Y	Y	50			LF	V0021	Chrysotile	1-5%	Confirmed Asbestos	NF
Piping	Not Found															
Structure	All	Concrete (poured)			C	N	Y	200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	500			SF	V0018	Chrysotile	1-5%	Confirmed Asbestos	NF
Wall		Plaster			A	Y	Y	10			SF	V0014	None Detected	N.D.	None	
Wall		Ceramic Tiles			B	Y	Y	10			SF	V0000	Non-Asbestos		None	
Wall		Mortar			D	N	N	10			SF	V0020	None Detected	N.D.	None	
Wall	All	Masonry, Hollow			A	Y	Y	500			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller Public Works Building**  
**Location: #167 : Treatment Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		LF	V0005	White	Pb: 2.2 %	Lead	

**Client: Town Of Drumheller Public Works Building**  
**Location: #167 : Treatment Room**  
**Survey Date: 2022-04-29**

**Site: 625 Riverside Drive East, Drumheller, AB**  
**Floor: 2**

**Building Name: Old Health Centre**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 200**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	50	LF	V0002	Black	6 mg/kg	No

## Legend:



Sample number		Units		Other	
S####	Asbestos sample collected	SF	Square feet	A	Access
L####	Paint sample collected	LF	Linear feet	V	Visible
P####	PCB sample collected	EA	Each	AP	Air Plenum
M####	Mould sample collected	%	Percentage	F	Friable material
V####	Material is visually identified to be identical to S####	LF	Linear feet	NF	Non Friable material
V0000	Known non hazardous material			PF	Potentially Friable material
V9000	Material visually identified as a Hazardous Material			Pb	Lead
V9500	Material is presumed to be a hazardous material			Hg	Mercury
				As	Arsenic
				Cr	Chromium

Access	
A	Accessible to all building occupants
B	Accessible to maintenance and operations staff without a ladder
C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas
D	Not normally accessible

Condition	
Good	No visible damage or deterioration
Fair	Minor, repairable damage, cracking, delamination or deterioration
Poor	Irreparable damage or deterioration with exposed and missing material

Visible	
Y	The material is visible when standing on the floor of the room, without the removal or opening of other building components (e.g. ceiling tiles or access panels).
N	The material is not visible to view when standing on the floor of the room and requires the removal of a building component (e.g. ceilings tiles or access panels) to view and access. Includes rarely entered crawlspaces, attic spaces, etc. Observations will be limited to the extent visible from the access points.

Air Plenum	
Yes or No	The material is in a return air plenum or in a direct airstream or there is evidence of air erosion (e.g. duct for heating or cooling blowing directly on or across an ACM). This field is only completed where Air Plenum consideration is required by regulation.

Colour Coding	
	The material is known to contain regulated concentrations of asbestos; either by analytical results or visible identification (use of the V9000 code).
	The material is presumed to contain asbestos; based on visual appearances; typically a material known to historically contain asbestos; however, not sampled due to limited access or the destructive nature of the sampling.





## **Hazardous Building Materials Assessment (Pre-construction)**

Consortium Building  
601 4 Street East, Drumheller,  
Alberta

Prepared for:

**Town of Drumheller Public  
Works Building c/o Colliers  
Project Leaders**

900 Royal Bank Buildings, 335 8th Avenue  
SW  
Calgary, Alberta T2P 1C9

June 7, 2022

Pinchin File: 309337.000



**Issued to:** Town of Drumheller Public Works Building c/o Colliers Project Leaders  
**Issued on:** June 7, 2022  
**Pinchin File:** 309337.000  
**Issuing Office:** Calgary, AB

---

Author: \_\_\_\_\_  
Laura Carrier, Dipl. (EVT)  
Project Coordinator  
403.818.7129  
[lcarrier@pinchin.com](mailto:lcarrier@pinchin.com)

Project Manager: \_\_\_\_\_  
Shawn Ralph, Dipl. (EVM)  
Project Manager  
403.819.0537  
[sralph@pinchin.com](mailto:sralph@pinchin.com)

Reviewer: \_\_\_\_\_  
Silvana Wu, B.Sc.  
Operations Manager, S. Alberta Hazmat & IEQ  
403.993.2597  
[swu@pinchin.com](mailto:swu@pinchin.com)



## EXECUTIVE SUMMARY

Town of Drumheller Public Works Building c/o Colliers Project Leaders (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment at the Consortium Building located at 601 4 Street East, Drumheller, Alberta. Pinchin performed the assessment on April 27 and 28, 2022.

The objective of the assessment was to identify specified hazardous building materials in preparation for complete demolition of the building. Large debris was present throughout the building at the time of assessment, limiting access to certain systems and building materials.

The results of this assessment are intended for use with a properly developed scope of work or performance specifications and safe work procedures.

## SUMMARY OF FINDINGS

The following is a summary of significant findings; refer to the body of the report for detailed findings:

### Asbestos:

- Roofing tar
- All asbestos-containing materials were observed to be in good condition.

### Lead:

- Lead in paints is present as follows: white and blue paints on building materials throughout the building.
- Lead within batteries of emergency lights.

Silica: Crystalline silica is present in concrete, mortar, masonry, ceramics, grout, drywall, and ceiling tiles.

Mercury: Mercury vapour is present in lamp tubes and liquid mercury is present in thermostat ampules.

Polychlorinated Biphenyls (PCBs): Based on the date of construction, PCBs may be present in light ballasts.

Mould and Water Damage: Visible mould and water damage was not observed.

Guano: Bird droppings were observed to be present on surfaces throughout the building.



## SUMMARY OF RECOMMENDATIONS

The following is a summary of significant recommendations; refer to the body of the report for detailed recommendations.

1. Prepare a scope of work or specifications and safe work procedures for the hazardous materials removal required for the planned work.
2. The presence of bird droppings throughout the building is a hazard. Workers should be provided with half face respirators and P100 filters, Tyveks suits, and training before entering the building.
3. Do not disturb suspected hazardous building materials discovered during the planned work, which have not been identified in this report and arrange for further evaluation and testing.
4. Remove and properly dispose of asbestos-containing materials prior to demolition or renovation activities.
5. Remove and properly dispose of PCB ballasts when fixtures are decommissioned.
6. Recycle mercury-containing lamp tubes when removed from service.
7. Follow appropriate safe work procedures when handling or disturbing asbestos, lead, and silica.

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



## TABLE OF CONTENTS

1.0	INTRODUCTION AND SCOPE .....	1
1.1	Scope of Assessment .....	1
2.0	METHODOLOGY .....	1
3.0	BACKGROUND INFORMATION .....	2
3.1	Building Description .....	2
3.2	Existing Reports .....	2
4.0	FINDINGS .....	2
4.1	Asbestos .....	3
4.2	Lead .....	5
4.3	Silica .....	8
4.4	Mercury .....	8
4.5	Polychlorinated Biphenyls .....	8
4.6	Mould and Water Damage .....	9
4.7	Guano .....	9
5.0	RECOMMENDATIONS .....	9
5.1	General .....	9
5.2	Building Demolition Work .....	10
6.0	TERMS AND LIMITATIONS .....	11
7.0	REFERENCES .....	11

## APPENDICES

APPENDIX I	Drawings
APPENDIX II-A	Asbestos Analytical Certificates
APPENDIX II-B	Lead Analytical Certificates
APPENDIX II-C	PCB Analytical Certificates
APPENDIX III	Methodology
APPENDIX IV	Location Summary Report
APPENDIX V	Hazardous Materials Summary Report / Sample Log
APPENDIX VI	HMIS All Data Report



## 1.0 INTRODUCTION AND SCOPE

Town of Drumheller Public Works Building c/o Colliers Project Leaders (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment at Consortium Building located at 601 4 Street East, Drumheller, Alberta.

Pinchin performed the assessment on April 27 and 28, 2022. The surveyor was unaccompanied during the assessment. The assessed area was vacant at the time of the assessment. Large debris was present throughout the building at the time of assessment, limiting access to certain systems and building materials.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation and demolition activities.

The entire building is planned to be demolished. The original building footprint measured approximately 3,200 square feet. The east side of the building was partially demolished following a major fire incident that occurred prior to Pinchin's arrival.

The results of this assessment are intended for use with a properly developed scope of work or performance specification.

### 1.1 Scope of Assessment

The **assessed area** consisted of all parts of the building.

The assessment was performed to establish the type of specified hazardous building materials, locations and approximate quantities incorporated in the structure(s) and its finishes.

For the purpose of the assessment and this report, hazardous building materials are defined as follows:

- Asbestos
- Lead
- Silica
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Mould

## 2.0 METHODOLOGY

Pinchin conducted a room-by-room assessment (rooms, corridors, service areas, exterior, etc.) to identify the hazardous building materials as defined in the scope.



The assessment included demolition of wall and ceiling finishes (drywall or plaster) to view concealed conditions at representative areas as permitted by the current building use. Destructive testing of flooring was conducted where possible (under carpets or multiple layers of flooring). Demolition of exterior building finishes, masonry walls (chases, shafts etc.), and structural surrounds was conducted as permitted by the current building use.

Limited demolition of masonry block walls (core holes) was conducted to investigate for loose fill vermiculite insulation. Sampling of roofing materials was conducted

For further details on the methodology including test methods, refer to Appendix III.

### **3.0 BACKGROUND INFORMATION**

#### **3.1 Building Description**

<b>Description Item</b>	<b>Details</b>
Use	School
Number of Floors	The building is one storey.
Total Area	The total area of the building is 1,540 square feet.
Year of Construction	The building was constructed in 1960.
Structure	Concrete, masonry block
Exterior Cladding	Brick, glass, wood
HVAC	Radiant heaters
Roof	Built up roofing
Flooring	Carpet, ceramic tile
Interior Walls	Drywall, masonry block
Ceilings	Acoustic ceiling tiles

#### **3.2 Existing Reports**

No existing reports were provided for reference.

### **4.0 FINDINGS**

The following section summarizes the findings of the assessment and provides a general description of the hazardous materials identified and their locations. For details on approximate quantities, condition, friability, accessibility and locations of hazardous materials; refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI.

Any quantities listed in this report or data tables are estimated based on visual approximations only and are subject to variation.

#### 4.1 Asbestos

##### 4.1.1 Vermiculite

Destructive testing was conducted of a representative selection of masonry block walls, including creating penetrations at three locations. The locations of destructive testing have been indicated on the drawings in Appendix I.

Loose fill vermiculite was not observed within the cavities.



Intrusive inspection location in the Kitchen (location 5).



Intrusive inspection location in the Hallway (location 6).

##### 4.1.2 Acoustic Ceiling Tiles

Acoustic ceiling tiles are present in the assessed area, as follows:

Size, Type, Pattern	Sample Locations	Sample Number or Date Code	Asbestos Type
24"x24" mechanically fastened	Daycare (location 2), Classroom (location 3), and Storage Room (location 4)	S0004A-C	None Detected





Non-asbestos 24"x24" mechanically fastened acoustic ceiling tiles (sample S0004A) in the Daycare (location 2).

Non-asbestos 24"x24" mechanically fastened acoustic ceiling tiles (sample S0004B) in the Classroom (location 3).

#### 4.1.3 *Drywall Joint Compound*

Drywall joint compound present on wall and ceiling finishes throughout the building does not contain asbestos (samples S0005A-C).

#### 4.1.4 *Sealants, Caulking, and Putty*

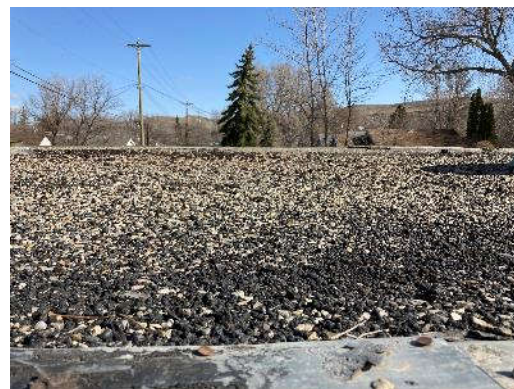
Grey caulking, covered in paint, at exterior window frames does not contain asbestos (sample S0001).



Non-asbestos grey caulking, covered in paint (sample S0001) on the window on the Exterior (location 1).

#### 4.1.5 *Roofing Products*

Tar, containing chrysotile asbestos, is present in roof over the entire building (samples S0007A-C).



Asbestos-containing tar (sample S0007A) on the Roof (location 9).

#### 4.1.6 *Other Building Materials*

Brick mortar on the Exterior (location 1) does not contain asbestos (samples S0002A-C).

Mortar around glass blocks on the Exterior (location 1) does not contain asbestos (sample S0003A-C).

Thin set below ceramic tiles in the Men's Washroom (location 7) and Women's Washroom (location 8) does not contain asbestos (samples S0006A-C).



Non-asbestos brick mortar (sample S0002C) on the Exterior (location 1).



Non-asbestos mortar around glass blocks (sample S0003A) on the Exterior (location 1).



Ceramic tiles over non-asbestos thin set (sample S0006A) in the Men's Washroom (location 7).

## 4.2 Lead

### 4.2.1 Paints and Surface Coatings

Refer to the lab report(s) in Appendix II-B and the Hazardous Materials Summary Report in Appendix V for details on paints sampled and their locations.

The following table summarizes the analytical results for paints sampled contain above 0.009% (90 mg/kg) lead.

Sample Number	Colour, Substrate Description	Sample Location	Lead (%)
L0001	White paint on wood wall	Exterior (location 1)	1.3
L0002	Blue paint on wood window frame	Exterior (location 1)	0.36
L0004	White paint on wood wall	Daycare (location 2)	0.011
L0005	White paint on brick wall	Daycare (location 2)	0.021
L0006	White paint on drywall wall	Daycare (location 2)	0.011
L0007	Blue paint on wood structure	Daycare (location 2)	0.19
L0008	Blue paint on wood door	Hallway (location 6)	0.16
L0009	White paint on wood ceiling	Hallway (location 6)	0.13



Lead-based white paint (sample L0001) on the wood wall and lead-based blue paint (sample L0002) on the wood window frame on the Exterior (location 1).



Non-lead based light blue paint (sample L0003) on the wood wall on the Exterior (location 1).



Lead-based white paint on the wood wall (sample L0004) in the Daycare (location 2).



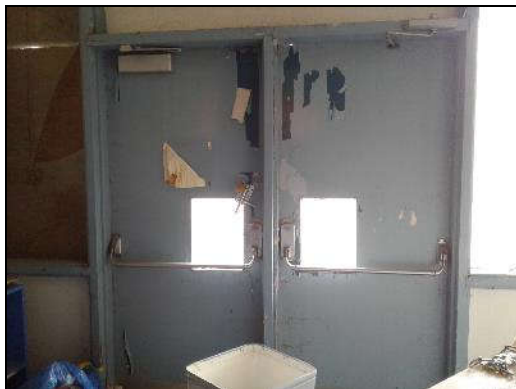
Lead-based white paint (sample L0005) and presumed lead-based light green paint on the brick wall in the Daycare (location 2).



Lead-based white paint on drywall wall (sample L0006) in the Daycare (location 2).



Lead-based blue paint (sample L0007) on wooden structural components in the Daycare (location 2).



Lead-based blue paint (sample L0008) on the wood door in the Hallway (location 6).



Lead-based white paint (sample L0009) on the wood ceiling in the Hallway (location 6).

#### 4.2.2 Lead Products and Applications

Lead-containing batteries are present in emergency lighting.



Lead-acid battery in the Daycare (location 2).





#### 4.2.3 *Excluded Lead Materials*

Lead is known to be present in a number of materials which were not assessed or sampled. The following materials, where found, should be presumed to contain lead.

- Electrical components, including wiring connectors, grounding conductors, and solder
- Solder on pipe connections
- Glazing on ceramic tiles

### 4.3 **Silica**

Crystalline silica is known to be a component of the following materials:

- Poured or pre-cast concrete
- Masonry and mortar
- Ceramic tiles and grout
- Drywall
- Ceiling tiles

### 4.4 **Mercury**

#### 4.4.1 *Lamps*

Mercury vapour is present in fluorescent lamp tubes.

#### 4.4.2 *Mercury-Containing Devices*

Mercury-containing devices were not found during the assessment.

### 4.5 **Polychlorinated Biphenyls**

#### 4.5.1 *Caulking and Sealants*

Grey caulking (covered in paint) on exterior windows is a non-PCB solid based on the threshold (50 mg/kg).

#### 4.5.2 *Lighting Ballasts*

The building has not been comprehensively re-lamped with energy efficient light fixtures (evidence of T-12 fixtures, and as such, a percentage of light ballasts may be manufactured prior to 1980 and may contain PCBs.

#### 4.5.3 *Transformers*

Transformers were not found during the assessment.

#### 4.5.4 Excluded PCB Materials

PCBs are known to be present in a number of materials and equipment which were not assessed or sampled. The following materials, where found, should be presumed to contain PCBs until sampling proves otherwise.

- Capacitors within or associated with electrical equipment
- Paints

#### 4.6 Mould and Water Damage

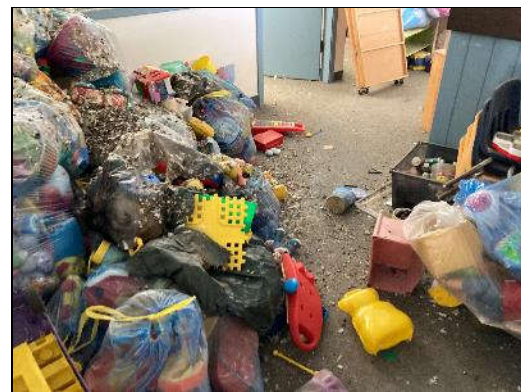
Visible mould growth and water damage was not found during the assessment.

#### 4.7 Guano

Bird droppings were observed to be present throughout the building.



View of accumulated bird droppings in the Classroom (location 3).



View of accumulated bird droppings in the Classroom (location 3).

## 5.0 RECOMMENDATIONS

### 5.1 General

1. Prepare scope of work or performance specifications for hazardous material removal required for the planned work. The specifications should include, safe work practices, personal protective equipment, respiratory protection, and disposal of waste materials.
2. If suspected hazardous building materials are discovered during the planned work, which are not identified in this report, do not disturb and arrange for further testing and evaluation.
3. Provide this report and the detailed plans and specifications to the contractor prior to bidding or commencing work.
4. Retain a qualified consultant to specify, observe and document the successful removal of hazardous materials.



## **5.2 Building Demolition Work**

The following recommendations are made regarding demolition involving the hazardous materials identified.

### **5.2.1 Asbestos**

Remove all asbestos-containing materials (ACM) prior to demolition work following safe work procedures.

If the identified ACM will not be removed prior to commencement of the work, any potential disturbance of ACM must follow asbestos precautions appropriate for the type of work being performed.

Asbestos-containing materials must be disposed of at a landfill approved to accept asbestos waste.

### **5.2.2 Lead**

Construction disturbance of lead in paint and coatings (or other materials) may result in exposure to lead dust or fumes and safe work procedures are required. Project specific work procedures, engineering controls and personal protective equipment will need to be assessed and developed as per applicable regulations and guidelines.

Items painted with paints containing elevated levels of lead may be a hazardous waste. Test lead-painted materials for leachable lead and other metals prior to disposal.

Lead-containing items should be recycled when taken out of service.

### **5.2.3 Silica**

Construction disturbance of silica-containing products may result in excessive exposures to airborne silica, especially if performed indoors and dry. Cutting, grinding, drilling or demolition of materials containing silica should be completed only with proper respiratory protection and other worker safety precautions that comply with per applicable regulations and guidelines.

### **5.2.4 Mercury**

Do not break lamps. Recycle and reclaim mercury from fluorescent lamps when taken out of service. Mercury is classified as a hazardous waste and must be disposed of in accordance with applicable regulations.

### **5.2.5 PCBs**

Prior to demolition, remove light fixtures and examine light ballasts for PCB content. If ballasts are not clearly labelled as "non-PCB" or are suspected to contain PCBs; package and ship ballasts for destruction at a federally permitted facility.



## 6.0 TERMS AND LIMITATIONS

This work was performed subject to the Terms and Limitations presented or referenced in the proposal for this project.

Information provided by Pinchin is intended for Client use only. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law. Any use by a third party of reports or documents authored by Pinchin or any reliance by a third party on or decisions made by a third party based on the findings described in said documents, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted. No other warranties are implied or expressed.

## 7.0 REFERENCES

The following legislation and documents were referenced in completing the assessment and this report:

1. Alberta Asbestos Abatement Manual, Government of Alberta, Ministry of Labour and Immigration.
2. Occupational Health and Safety Act, Regulations and Code, Province of Alberta.
3. Waste Control Regulation, Environmental Protection and Enhancement Act, Alberta Regulation 192/96.
4. Alberta User Guide for Waste Managers, Alberta Environmental Protection.
5. Guidelines for the Disposal of Asbestos Waste, Alberta Environment.
6. Occupational Health and Safety Bulletin, Lead at the Work Site, Government of Alberta, Human Services.
7. Best Practices Mould at the Work Site, Government of Alberta, Employment and Immigration.
8. PCB Regulations, SOR/2008-273, Canadian Environmental Protection Act.
9. Surface Coating Materials Regulations, SOR/2016-193, Canada Consumer Product Safety Act.
10. Consolidated Transportation of Dangerous Goods Regulations, including Amendment SOR/2019-101, Transportation of Dangerous Goods Act.

\\FSCAL\Job\309000s\0309337.000 TownofDrumheller,601-5StreetE,Haz,Assmt\Deliverables\309337.000 HBMA Report 601 5 Street East, Drumheller, ToD, June 7, 2022.docx





Template: Master Report for Hazardous Materials Assessment (Pre-Construction), HAZ, July 29, 2021



**APPENDIX I**  
**Drawings**



LEGEND

-  PINCHIN LOCATION NUMBER
-  ASBESTOS BULK SAMPLE
-  LEAD BULK SAMPLE
-  PCB BULK SAMPLE
-  INTRUSIVE INSPECTION

NOT ALL KNOWN OR SUSPECTED HAZARDOUS BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE HAZARDOUS BUILDING MATERIALS ASSESSMENT REPORT FOR A COMPLETE LIST OF KNOWN AND SUSPECTED HAZARDOUS BUILDING MATERIALS.

LEGEND IS COLOUR DEPENDENT. NON-COLOUR COPIES MAY ALTER INTERPRETATION.



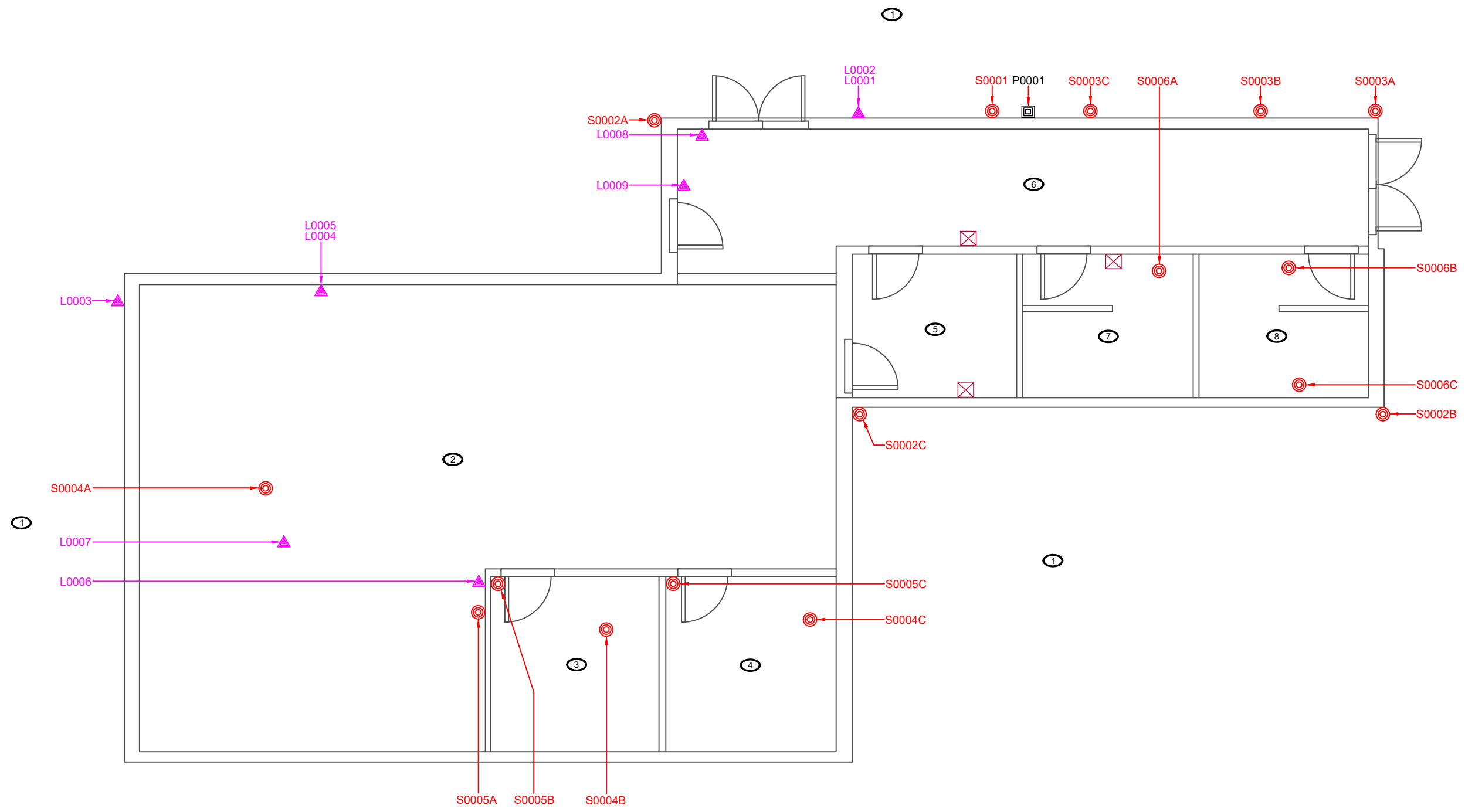
PROJECT NAME:  
**HAZARDOUS BUILDING MATERIALS ASSESSMENT**

CLIENT NAME:  
TOWN OF DRUMHELLER  
PUBLIC WORKS BUILDING  
c/o COLLIERS PROJECT LEADERS

PROJECT LOCATION:  
DRUMHELLER CONSORTIUM HIGH SCHOOL  
601 - 5 STREET EAST,  
DRUMHELLER, ALBERTA



FIGURE NAME:  
**GROUND FLOOR**

PROJECT NUMBER: 309337.000	SCALE: NOT TO SCALE
DRAWN BY: BPC	REVIEWED BY: SR
DATE: MAY 12/22	FIGURE NUMBER: 1 OF 2



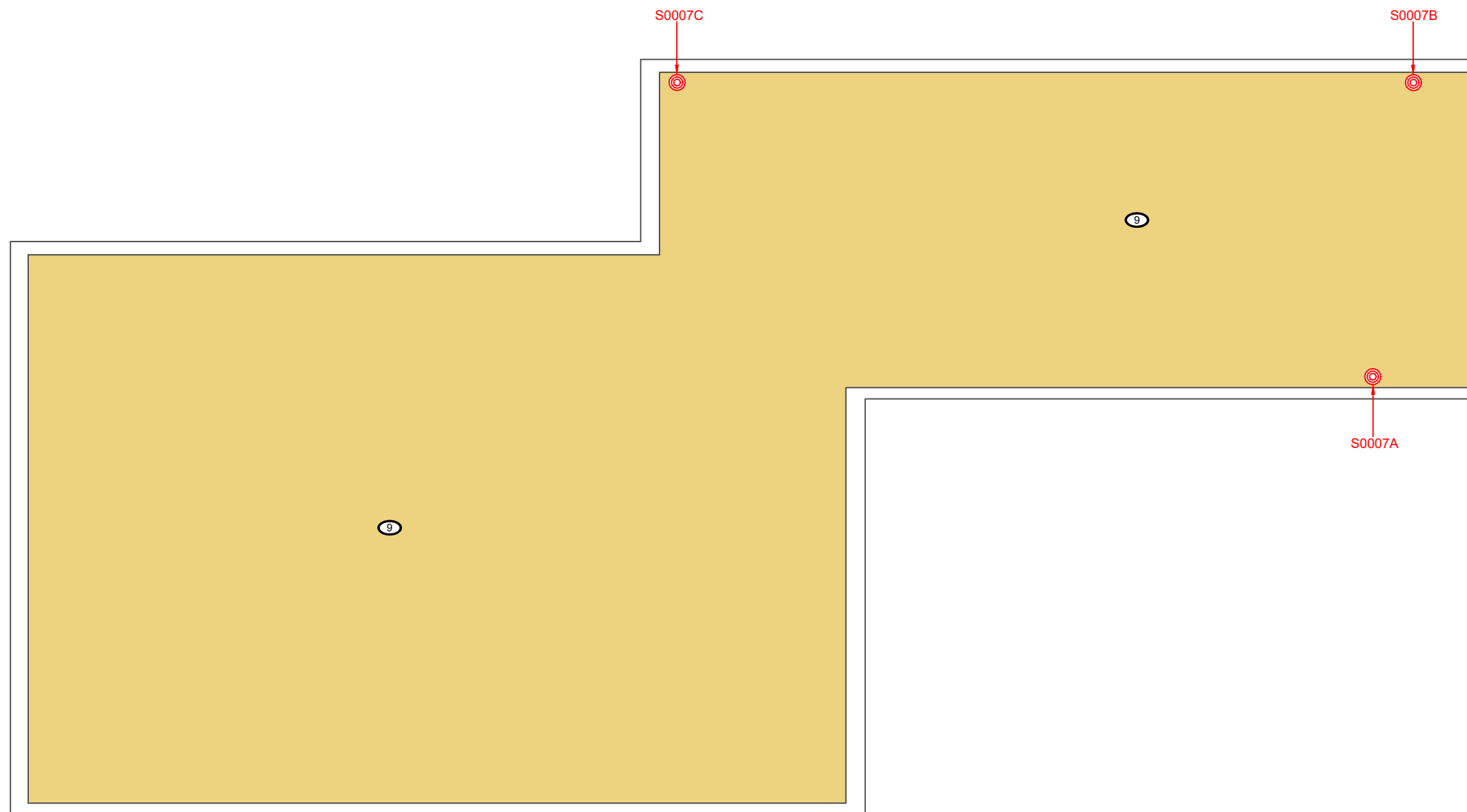


**LEGEND**

-  PINCHIN LOCATION NUMBER
-  ASBESTOS BULK SAMPLE

**ASBESTOS-CONTAINING MATERIALS:**

-  ROOF TAR



NOT ALL KNOWN OR SUSPECTED HAZARDOUS BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE HAZARDOUS BUILDING MATERIALS ASSESSMENT REPORT FOR A COMPLETE LIST OF KNOWN AND SUSPECTED HAZARDOUS BUILDING MATERIALS.

LEGEND IS COLOUR DEPENDENT. NON-COLOUR COPIES MAY ALTER INTERPRETATION.



**PROJECT NAME:**

HAZARDOUS BUILDING MATERIALS ASSESSMENT

**CLIENT NAME:**

TOWN OF DRUMHELLER  
PUBLIC WORKS BUILDING  
c/o COLLIERS PROJECT LEADERS

**PROJECT LOCATION:**

DRUMHELLER CONSORTIUM HIGH SCHOOL  
601 - 5 STREET EAST,  
DRUMHELLER, ALBERTA

**FIGURE NAME:**

ROOF

PROJECT NUMBER:  
309337.000

SCALE:  
NOT TO SCALE

DRAWN BY:  
BPC

REVIEWED BY:  
SR

DATE:  
MAY 12/22

FIGURE NUMBER:  
2 OF 2

**APPENDIX II-A**  
**Asbestos Analytical Certificates**



## Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project No.:	0309337.000	Date Received:	May 3, 2022
Prepared For:	L. Carrier / S. Ralph	Date Analyzed:	May 10, 2022
Lab Reference No.:	b270409	# Samples submitted:	3
Analyst(s):	A. Williams	# Phases analyzed:	8

### Method of Analysis:

#### **EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993**

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

The Pinchin Ltd. Mississauga asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2017.

This report relates only to the items tested.

**NOTE:** *This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



**Pinchin Ltd. Asbestos Laboratory**  
***Certificate of Analysis***

**Project No.:** 0309337.000  
**Prepared For:** L. Carrier / S. Ralph

**Lab Reference No.:** b270409  
**Date Analyzed:** May 10, 2022

**BULK SAMPLE ANALYSIS**

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0007A Structure,Roofing Material,Loc:9,Roof	3 Phases: a) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous material > 75%
	b) Homogeneous, black, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Synthetic Fibres 1-5% Hair 1-5% Tar and other non-fibrous material 25-50%
	c) Homogeneous, black, tar material with fibres.	Chrysotile 5-10%	Tar and other non-fibrous material > 75%
S0007B Structure,Roofing Material,Loc:9,Roof	3 Phases: a) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous material > 75%
	b) Homogeneous, black, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Synthetic Fibres 1-5% Hair 1-5% Tar and other non-fibrous material 25-50%
	c) Homogeneous, black, tar material with fibres.	Chrysotile 5-10%	Tar and other non-fibrous material > 75%



**Pinchin Ltd. Asbestos Laboratory**  
***Certificate of Analysis***

**Project No.:** 0309337.000  
**Prepared For:** L. Carrier / S. Ralph

**Lab Reference No.:** b270409  
**Date Analyzed:** May 10, 2022

**BULK SAMPLE ANALYSIS**

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0007C Structure, Roofing Material, Loc:9, Roof	a) Homogeneous, black, tar material.	None Detected	Tar and other non- fibrous material > 75%
	b) Homogeneous, black, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Synthetic Fibres 1-5% Hair 1-5% Tar and other non- fibrous material 25-50%

**Reviewed by:**

**Reporting Analyst:**

3 roofing kept on house.  
 Remaining to BUM.

Analyzed by: AZW  
 Reviewed by: KB  
 Report Sent by: AD

**Pinchin Ltd. - Asbestos Laboratory  
 Internal Asbestos Bulk Sample Chain of Custody**

Client Name:		Project Address:	
Portfolio/Building No:		Pinchin File:	0309337.000
Submitted by:	Laura Carrier	Email:	<a href="mailto:lcarrier@pinchin.com">lcarrier@pinchin.com</a>
CC Results to:	Shawn Ralph	CC Email:	<a href="mailto:sralph@pinchin.com">sralph@pinchin.com</a>
Date Submitted:	May 02 2022	Required by:	May 9 2022
# of Samples:	19 <u>3</u>	Priority:	5 day
Year of Building Construction (Mandatory, Years ONLY):	1970		
Do NOT Stop on Positive (Sample Numbers):	All		
Pinchin Group Company (Mandatory Field):	Pinchin		
HMIS2 Building Reference #:	105216/202232739812408		

**To be Completed by Lab Personnel Only:**

Lab Reference #: 6210409

Received by: MAY 03 2022

Name(s) of Analyst(s): AZW May 10/22

Time: \_\_\_\_\_ 24 hour clock

Date: \_\_\_\_\_ Month Day Year

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0001		Window, Caulking, Grey, Painted, Loc: 1, Exterior
S	0002	A	Wall, Mortar, Loc: 1, Exterior
S	0002	B	Wall, Mortar, Loc: 1, Exterior
S	0002	C	Wall, Mortar, Loc: 1, Exterior
S	0003	A	Wall, Mortar, Loc: 1, Exterior
S	0003	B	Wall, Mortar, Loc: 1, Exterior
S	0003	C	Wall, Mortar, Loc: 1, Exterior
S	0004	A	Ceiling, All, Ceiling Tile (mechanically Fastened), Loc: 2, Daycare
S	0004	B	Ceiling, All, Ceiling Tile (mechanically Fastened), Loc: 3, Classroom
S	0004	C	Ceiling, All, Ceiling Tile (mechanically Fastened), Loc: 4, Storage Room



Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0005	A	Wall, Drywall And Joint Compound, Loc:2, Daycare
S	0005	B	Wall, All, Drywall And Joint Compound, Loc:3, Classroom
S	0005	C	Wall, All, Drywall And Joint Compound, Loc:4, Storage Room
S	0006	A	Floor, Mortar, Loc:7, Men's Washroom
S	0006	B	Floor, Mortar, Loc:8, Women's Washroom
S	0006	C	Floor, Mortar, Loc:8, Women's Washroom
S	0007	A	Structure, Roofing Material, Loc:1, Exterior a) ND b) ND c) CHS-107.
S	0007	B	Structure, Roofing Material, Loc:1, Exterior a) ND b) ND c) CHS-107.
S	0007	C	Structure, Roofing Material, Loc:1, Exterior a) ND b) ND



Your Project #: 0309337.000  
Your C.O.C. #: n/a

**Attention: Shawn Ralph**

Pinchin Ltd.  
3355 – 114 Avenue SE.  
Suite 210  
Calgary, AB  
CANADA T2Z 0K7

**Report Date: 2022/05/10**  
Report #: R7118950  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C2C1037**

**Received: 2022/05/04, 09:02**

Sample Matrix: Solid  
# Samples Received: 16

<b>Analyses</b>	<b>Quantity</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Laboratory Method</b>	<b>Analytical Method</b>
Asbestos by PLM - 0.5 RDL (1)	16	N/A	N/A	COR3SOP-00002	EPA 600R-93/116

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested. This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Bureau Veritas' Asbestos Laboratory is accredited by NVLAP for bulk asbestos analysis by polarized light microscopy, NVLAP Code 600136-0.

This report may not be reproduced, except in full, without the written approval of Bureau Veritas Canada. This report may not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any other agency of the U.S. Government.

Bureau Veritas' scope of accreditation includes EPA-600/M4-82-020: "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" and EPA-600/R-93/116: "Method for the Determination of Asbestos in Bulk Building Materials".

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

\* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) P.O.B. - Percent of Bulk



Your Project #: 0309337.000  
Your C.O.C. #: n/a

**Attention: Shawn Ralph**

Pinchin Ltd.  
3355 – 114 Avenue SE.  
Suite 210  
Calgary, AB  
CANADA T2Z 0K7

**Report Date: 2022/05/10**  
Report #: R7118950  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C2C1037**

**Received: 2022/05/04, 09:02**

When Asbestos data is reported with other data, this report contains data that are not covered by the NVLAP accreditation.

**Encryption Key**

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Antonella Brasil, Senior Project Manager  
Email: Antonella.Brasil@bureauveritas.com  
Phone# (905)817-5817

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

**Bureau Veritas**

Total Cover Pages : 2  
Page 2 of 9

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.



**Asbestos Analytical Results**

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0001 WINDOW,CAULKING,GREY, PAINTED,LOC:1,EXTERIOR</b>						
Bureau Veritas ID: SNT581		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous grey caulking	Not Detected			Non-Fibrous

<b>S0002 A WALL,MORTAR,LOC:1,EXTERIOR</b>						
Bureau Veritas ID: SNT582		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	70	Homogeneous red plaster	Not Detected	Glass Fibres	2%	Non-Fibrous
Layer 2	25	Homogeneous grey mortar	Not Detected			Non-Fibrous
Layer 3	5	Homogeneous off-white plaster	Not Detected			Non-Fibrous

<b>S0002 B WALL,MORTAR,LOC:1,EXTERIOR</b>						
Bureau Veritas ID: SNT583		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	60	Homogeneous red plaster	Not Detected	Glass Fibres	2%	Non-Fibrous
Layer 2	40	Homogeneous grey mortar	Not Detected			Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



BUREAU VERITAS

Bureau Veritas Job #: C2C1037  
Report Date: 2022/05/10

Pinchin Ltd.  
Client Project #: 0309337.000  
Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0002 C WALL,MORTAR,LOC:1,EXTERIOR</b>					
Bureau Veritas ID:	SNT584			Date Analyzed:	2022/05/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

<b>S0003 A WALL,MORTAR,LOC:1,EXTERIOR</b>					
Bureau Veritas ID:	SNT585			Date Analyzed:	2022/05/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

<b>S0003 B WALL,MORTAR,LOC:1,EXTERIOR</b>					
Bureau Veritas ID:	SNT586			Date Analyzed:	2022/05/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

<b>S0003 C WALL,MORTAR,LOC:1,EXTERIOR</b>					
Bureau Veritas ID:	SNT587			Date Analyzed:	2022/05/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mortar	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
Date Format : yyyy/mm/dd



BUREAU VERITAS

Bureau Veritas Job #: C2C1037  
Report Date: 2022/05/10

Pinchin Ltd.  
Client Project #: 0309337.000  
Sampler Initials: LC

### Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0004 A CEILING,ALL,CEILING TILE (MECHANICALLY FASTENED),LOC:2,DAYCARE</b>						
Bureau Veritas ID: SNT588		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous brown ceiling tile	Not Detected	Cellulose	95%	Non-Fibrous

<b>S0004 B CEILING,ALL,CEILING TILE (MECHANICALLY FASTENED),LOC:3,CLASSROOM</b>						
Bureau Veritas ID: SNT589		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous brown ceiling tile	Not Detected	Cellulose	95%	Non-Fibrous

<b>S0004 C CEILING,ALL,CEILING TILE (MECHANICALLY FASTENED),LOC:4,STORAGE ROOM</b>						
Bureau Veritas ID: SNT590		Date Analyzed: 2022/05/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous brown ceiling tile	Not Detected	Cellulose	95%	Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
Date Format : yyyy/mm/dd



**Asbestos Analytical Results**

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0005 A WALL, DRYWALL AND JOINT COMPOUND, LOC:2, DAYCARE</b>					
Bureau Veritas ID: SNT591		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	Not Detected		Non-Fibrous

<b>S0005 B WALL, ALL, DRYWALL AND JOINT COMPOUND, LOC:3, CLASSROOM</b>					
Bureau Veritas ID: SNT592		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	Not Detected		Non-Fibrous

<b>S0005 C WALL, ALL, DRYWALL AND JOINT COMPOUND, LOC:4, STORAGE ROOM</b>					
Bureau Veritas ID: SNT593		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	90	Homogeneous white drywall joint compound	Not Detected		Non-Fibrous
Layer 2	10	Homogeneous off-white drywall joint compound	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd



**Asbestos Analytical Results**

EPA/600R-93/116 by Polarized Light Microscopy

<b>S0006 A FLOOR,MORTAR,LOC:7,MEN'S WASHROOM</b>					
Bureau Veritas ID: SNT594		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous beige mortar	Not Detected		Non-Fibrous

<b>S0006 B FLOOR,MORTAR,LOC:8,WOMEN'S WASHROOM</b>					
Bureau Veritas ID: SNT595		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous beige mortar	Not Detected		Non-Fibrous

<b>S000 C FLOOR,MORTAR,LOC:8,WOMEN'S WASHROOM</b>					
Bureau Veritas ID: SNT596		Date Analyzed: 2022/05/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous beige mortar	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)  
 Date Format : yyyy/mm/dd





**BUREAU  
VERITAS**

Bureau Veritas Job #: C2C1037  
Report Date: 2022/05/10

Pinchin Ltd.  
Client Project #: 0309337.000  
Sampler Initials: LC

### GENERAL COMMENTS

Results relate only to the items tested.

**Bureau Veritas**



BUREAU  
VERITAS

Bureau Veritas Job #: C2C1037  
Report Date: 2022/05/10

Pinchin Ltd.  
Client Project #: 0309337.000  
Sampler Initials: LC

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

A handwritten signature in black ink that reads "J. Santos".

---

Jon Delos Santos, Laboratory Supervisor

---

---

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

**APPENDIX II-B**  
**Lead Analytical Certificates**



# Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy  
EPA SW-846 3050B/6010C/7000B



**Customer:** Pinchin Ltd.  
Suite 210, 3355 114 Avenue SE  
Calgary, AB T2Z 0K7

**Attn:** Laura Carrier  
Shawn Ralph

**Lab Order ID:** 71991357  
**Analysis ID:** 71991357\_PBP  
**Date Received:** 5/3/2022  
**Date Reported:** 5/10/2022

**Project:**

Sample ID	Description	Mass	Concentration	Concentration
Lab Sample ID	Lab Notes	(g)	(ppm)	(% by weight)
L0001	Wall, Wood, White,Loc:1,Exterior	0.0972	13000	1.3%
71991357PBP_1				
L0002	Other, Wood, Blue,Loc:1,Exterior	0.1332	3600	0.36%
71991357PBP_2				
L0003	Wall, Wood, Light Blue,Loc:1,Exterior	0.0636	< 63	< 0.0063%
71991357PBP_3				
L0004	Wall, Wood, White,Loc:2,Daycare	0.0706	450	0.045%
71991357PBP_4				
L0005	Wall, Masonry, White,Loc:2,Daycare	0.1359	210	0.021%
71991357PBP_5				
L0006	Wall, Drywall And Joint Compound, White,Loc:2,Daycare	0.0503	110	0.011%
71991357PBP_6				
L0007	Struct, Wood, Blue,Loc:2,Daycare	0.0640	1900	0.19%
71991357PBP_7				
L0008	Other, Wood, Blue,Loc:6,Hallway	0.0612	1600	0.16%
71991357PBP_8				
L0009	Ceiling, Wood, White,Loc:6,Hallway	0.0538	1300	0.13%
71991357PBP_9				


Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb). Unless indicated, areas and volumes were provided by the customer.

Xaviera Watkins (9)

Laboratory Director

71 011357

Version 1-15-2012

<b>Client:</b>	Pinchin Ltd.	<p><b>*Instructions:</b> Use Column "B" for your contact info</p> <p>To See an Example Click the bottom Example Tab.</p> <p style="text-align: center;">9</p> <p><b>Begin Samples with a "&lt;&lt;" above the first sample and end with a "&gt;&gt;" below the last sample. Only Enter your data on the first sheet "Sheet1"</b></p> <p>Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.</p>	<p>Scientific Analytical Institute</p>  <p><b>4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 Email: lab@sailab.com</b></p>
<b>Contact:</b>	Laura Carrier		
<b>Address:</b>	3355 114 Avenue SE, Calgary, Alberta		
<b>Phone:</b>	403.818.7129		
<b>Email:</b>	lcarrier@pinchin.com sralph@pinchin.com prairesadmin@pinchin.com		
<b>Project:</b>			
<b>Client Notes:</b>			
<b>P.O. #:</b>	0309337.000		
<b>Date Submitted:</b>	05-02-2022		
<b>Analysis:</b>	Paint Chips Flame AA		
<b>TurnAroundTime:</b>	5 day		

Sample Number	Date 1 (Lab use only)	Sample Description	Date 2 (Lab use only)
<<			
L0001		Wall, Wood, White, Loc: 1, Exterior	
L0002		Other, Wood, Blue, Loc: 1, Exterior	
L0003		Wall, Wood, Light Blue, Loc: 1, Exterior	
L0004		Wall, Wood, White, Loc: 2, Daycare	
L0005		Wall, Masonry, White, Loc: 2, Daycare	
L0006		Wall, Drywall And Joint Compound, White, Loc: 2, Daycare	
L0007		Struct, Wood, Blue, Loc: 2, Daycare	
L0008		Other, Wood, Blue, Loc: 6, Hallway	
L0009		Ceiling, Wood, White, Loc: 6, Hallway	
>>			

J. Libon 513  
10:30am

Accepted   
Rejected

**APPENDIX II-C**  
**PCB Analytical Certificates**

## Certificate of Analysis

Laura Carrier

Pinchin Ltd. (Calgary, AB)  
111, 11505 - 35 Street SE, Calgary, Alberta.

Date of Issue: May 06, 2022

**Report Description:** 1 solid sample was submitted for the following chemical analysis

<b>Project Name:</b> N/A	<b>Date Sampled:</b> Apr 04, 2022
<b>Project No.:</b> 309337.000	<b>Date Tested:</b> May 06, 2022
<b>Site Location:</b> 601 5 Street East, Drumheller, AB	<b>Sampled by:</b> Laura C

### Report Number: 22-0633

No.	Analyte	Result	Units	MDL	Comments	Technique / Test Method
1	<u>Sample ID.:</u> P0001 Grey, Loc:1, Exterior					
	PCBs in Solid	<0.2	mg/Kg	0.2		LAB-M06 (EPA 3550C/8082A modified)

Results relate only to the samples tested above, as received.

Approved By:

**Son C.H. Le, (Chem.)**

Lab Manager

Phone: (519) 740-1333 Ext.: 1030

Fax: (519) 740-2320

Email: SonLe@aevitas.ca

The Analytical Chemistry Laboratory of Aevitas Inc. (Ayr) is accredited for specific tests in accordance with the recognized International Standard ISO/IEC 17025:2017, by the Canadian Association for Laboratory Accreditation (CALA) Inc. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017). The laboratory quality management system of Aevitas Inc. (Ayr) also operates in accordance with the principles of ISO 9001.

All Analytical data is subject to uncertainty which, may vary with sample matrices, sample preparation techniques and instrumental parameters. As a general guideline, uncertainty may be expressed as approximately +/- 50% of the reported value at or near the Method Detection Limit (MDL) and +/-10% or less, of the reported result that is greater than 10 times the MDL. Method Detection Limits are defined as approximately 3 times the standard deviation value (at 99% confidence level), which is obtained from replicate analysis of a low-level standard as per the Ontario MOE - MISA Protocol for the Sampling and Analysis of Industrial / Municipal Wastewater (2016). MDL determination is based on undiluted samples with relatively low matrix interferences. Where dilutions are required, the reported MDL value will be scaled proportionally.

All testing procedures follow strict guidelines and quality assurance / quality control (QA/QC) protocols. QA/QC data is available for review at any time upon client's request.

**APPENDIX III**  
**Methodology**





## 1.0 GENERAL

An inspection was conducted to identify the type of Hazardous Building Materials incorporated in the structure and its finishes.

Information regarding the location and condition of hazardous building materials encountered and visually estimated quantities were recorded. The locations of any samples collected were recorded on small-scale plans. As-built drawings and previous reports were referenced where provided.

Sample collection was conducted in accordance with our Standard Operating Procedures.

### 1.1 Asbestos

The inspection for asbestos included friable and non-friable asbestos-containing materials (ACM). A friable material is a material that when dry can be crumbled, pulverized or powdered by hand pressure.

A separate set of samples was collected of each type of homogenous material suspected to contain asbestos. A homogenous material is defined by the US EPA as material that is uniform in texture and appearance, was installed at one time, and is unlikely to consist of more than one type or formulation of material. The homogeneous materials were determined by visual examination and available information on the phases of construction and prior renovations.

Samples were collected at a rate that is in compliance with the requirements of local regulations and guidelines. The sampling strategy was also based on known ban dates and phase out dates of the use of asbestos; sampling of certain building materials is not conducted after specific construction dates. In addition, to be conservative, several years past these dates are added to account for some uncertainty in the exact start / finish date of construction and associated usage of ACM. In some cases, manufactured products such as asbestos cement pipe were visually identified without sample confirmation.

The analysis was performed in accordance with Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, July 1993.

Analytical results were compared to the following criteria.

Jurisdiction*	Friable	Non-Friable
BC	0.5% <sup>1</sup>	0.5%
Alberta	Any Amount <sup>2</sup>	Any Amount <sup>2</sup>
Saskatchewan	>0.5% <sup>1</sup>	>1%

<sup>1</sup> Or any amount if vermiculite

<sup>2</sup> The Government of Alberta in their guideline document entitled the "Alberta Asbestos Abatement Manual" (August 2019), defines an Asbestos-Containing Material as a product or building material that contains asbestos in any quantity or percentage.

Jurisdiction*	Friable	Non-Friable
Manitoba	0.1% <sup>1</sup>	1%
Ontario	0.5%	0.5%
Nova Scotia	0.5% <sup>1</sup>	0.5%
New Brunswick, Prince Edward Island, Newfound and Labrador	1%	1%
Yukon, Nunavut, Northwest Territories	1%	1%
Federal	1%	1%

\* If there is a conflict between federal and provincial criteria, the more stringent will apply.

Where building materials are described in the report as “non-asbestos” or “does not contain asbestos”, this means that either no asbestos was detected by the analytical method utilized in any of the multiple samples or, if detected, it is below the lower limit of an asbestos-containing material in the applicable regulation. Additionally, these terms are used for materials which historically are known to not include asbestos in their manufacturing.

Asbestos materials were evaluated in order to make recommendations regarding any remedial work. The priority for remedial action was based on several factors:

- Friability (friable or non-friable);
- Condition (good, fair, poor, debris);
- Accessibility (ranking from accessible to all building users to inaccessible);
- Visibility (whether the material is obscured by other building components).
- Air movement or air erosion (present, not present).
- Efficiency of the work (for example, if damaged ACM is being removed in an area, it may be most practical to remove all ACM in the area even if it is in good condition).

## 1.2 Lead

Samples of distinctive paint finishes, and surface coatings present in more than a limited application, where removal of the paint is possible was collected. The samples were collected by scraping the painted finish to include base and covering applications.

Analysis for lead in paints or surface coatings was performed in accordance with EPA Method No. 3050B/Method No. 7420; flame atomic absorption.

Analytical results were compared to the following criteria.

<b>Jurisdiction*</b>	<b>Units (%)</b>	<b>Units (ppm) / (mg/kg)</b>
BC	None	None
Alberta	0.009	90
Saskatchewan	0.009	90
Manitoba	0.009	90
Ontario	0.1	1000
Nova Scotia	0.009	90
New Brunswick	0.009	90
Prince Edward Island	0.009	90
Newfoundland	0.009	90
Yukon	0.009	90
Nunavut, Northwest Territories	0.1	1000
Federal	0.009	90

\* If there is a conflict between federal and provincial criteria, the more stringent will apply.

Other lead building products (e.g. batteries, lead sheeting, flashing) were identified by visual observation only.

### **1.3 Silica**

Building materials known to contain crystalline silica (e.g. concrete, cement, tile, brick, masonry, mortar) were identified by visual inspection only. Pinchin did not perform sampling of these materials for laboratory analysis of crystalline silica content.

### **1.4 Mercury**

Building materials, products or equipment (e.g. thermostats, barometers, pressure gauges, lamp tubes), suspected to contain mercury was identified by visually inspection only. Dismantling of equipment suspected of containing mercury was not performed. Sampling of these materials for laboratory analysis of mercury content was not performed.

### **1.5 Polychlorinated Biphenyls**

The potential for light ballast and oil filled transformers to contain PCBs was based on the age of the building, a review of maintenance records and examination of labels or nameplates on equipment, where present and accessible. The information was compared to known ban dates of PCBs and Environment Canada publications.



Dry type transformers were presumed to be free of dielectric fluids and hence non-PCB.

Fluids (mineral oil, hydraulic, Aroclor or Askarel) in transformers or other equipment were not sampled for PCB content.

Caulking, sealants, or paints were sampled and submitted for PCB analysis following EPA 3550C/8082A.

Sample results are compared to the criteria of 50 mg/kg for solids as stated in the PCB Regulation, SOR/2008-273.

## **1.6 Visible Mould**

The presence of mould or water damage was determined by visual inspection of exposed building surfaces. If any mould growth or water damage was concealed within building cavities it was not addressed in this assessment.

Template: Methodology for Hazardous Building Materials Assessment, HAZ, November 23, 2021

**APPENDIX IV**  
**Location Summary Report**

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Building Name:** Consortium Building  
**Survey Date:**

**Site:** 601 5 Street East, Drumheller, AB  
**Last Re-Assessment:**

Location No.	Name or Description	Area ft <sup>2</sup>	Floor No.	Bldg. Phase	Notes
1	Exterior	0		A	
2	Daycare	750	1	A	
3	Classroom	150	1	A	
4	Storage Room	140	1	A	
5	Kitchen	100	1	A	
6	Hallway	200	1	A	
7	Men's Washroom	100	1	A	
8	Women's Washroom	100	1	A	
9	Roof	1540		A	

**APPENDIX V**

**Hazardous Materials Summary Report / Sample Log**

Client: Town Of Drumheller c/o Colliers  
Project Leaders

Site: 601 5 Street East, Drumheller, AB

Building Name: Consortium Building

Survey Date:

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	S0001	Other   Window   Caulking   Grey, Painted	1	A	1500	0	0	0	None Detected	No	
Asbestos	S0002 ABC	Wall     Mortar	1	A	0	900	0	0	None Detected	No	
Asbestos	S0003 ABC	Wall     Mortar	1	A	0	500	0	0	None Detected	No	
Asbestos	S0004 ABC	Ceiling   All   Ceiling Tile (mechanically Fastened)	2,3,4	A	0	1040	0	0	None Detected	No	
Asbestos	S0005 ABC	Wall   All   Drywall And Joint Compound	2,3,4	A	0	1220	0	0	None Detected	No	
Asbestos	S0006 ABC	Floor     Mortar	7,8	A	0	200	0	0	None Detected	No	
Asbestos	S0007 ABC	Structure     Roofing Material	9	A	0	1540	0	0	Chrysotile	Yes	NF
Asbestos	V0000	Ceiling   All   Wood	5,6,7,8	A	0	500	0	0	Non Asbestos	No	
Asbestos	V0000	Floor   All   Carpet	3,4	A	0	290	0	0	Non Asbestos	No	
Asbestos	V0000	Piping   All   Not Insulated	3,4,8	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Structure   All   Wood	2	A	0	750	0	0	Non Asbestos	No	
Asbestos	V0000	Wall   All   Glass	1	A	0	5000	0	0	Non Asbestos	No	
Asbestos	V0000	Wall   All   Masonry   Hollow	5,6,7,8	A	0	1000	0	0	Non Asbestos	No	
Asbestos	V0000	Wall   All   Wood	1,2	A	0	3440	0	0	Non Asbestos	No	
Paint	L0001	Wall   Wood   White	1	A	0	1000	0	0	Lead	Yes	-
Paint	L0002	Other   Wood   Blue	1	A	0	600	0	0	Lead	Yes	-
Paint	L0003	Wall   Wood   Light Blue	1	A	0	5000	0	0		No	-
Paint	L0004	Wall   Wood   White	2	A	0	750	0	0	Lead	Yes	-
Paint	L0005	Wall   Masonry   White	2,5,6,7,8	A	0	1720	0	0	Lead	Yes	-
Paint	L0006	Wall   Drywall And Joint Compound   White	2,3,4	A	0	1220	0	0	Lead	Yes	-
Paint	L0007	Structure   Wood   Blue	2	A	0	200	0	0	Lead	Yes	-
Paint	L0008	Other   Wood   Blue	6	A	0	18	0	0	Lead	Yes	-
Paint	L0009	Ceiling   Wood   White	6	A	0	200	0	0	Lead	Yes	-
Lead Product	V9000	Batteries In Emer. Lights	2	A	0	0	1	0	Lead Product	Yes	-
PCB	P0001	Caulking   Grey	1	A	1500	0	0	0	-	No	-
PCB	V9500	Light Ballasts	2,3,4,5,7,8	A	0	0	24	0	Presumed PCB	Yes	-



HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Hg	V9000	Fluorescent Light Tube	2,3,4,5,7,8	A	0	0	45	0	Hg	Yes	-

## Legend:

Sample number		Units			
S####	Asbestos sample collected	SF	Square feet	NF	Non Friable material.
L####	Paint sample collected	LF	Linear feet	F	Friable material
P####	PCB sample collected	EA	Each	PF	Potentially Friable material
M####	Mould sample collected	%	Percentage		
V####	Material visually similar to numbered sample collected				
V0000	Known non Hazardous Material				
V9000	Material is visually identified as Hazardous Material				
V9500	Material is presumed to be Hazardous Material				
[Loc. No.]	Abated Material				

**APPENDIX VI**  
**HMIS All Data Report**

**Client: Town Of Drumheller c/o Colliers Project Leaders**  
**Location: #1 : Exterior**  
**Survey Date: 2022-04-27**

**Site: 601 5 Street East, Drumheller, AB**  
**Floor:**

**Building Name: Consortium Building**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 0**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found				C	Y										
Duct	Not Accessible															
Floor	Not Found				A	Y										
Mechanical Equipment	Not Accessible	None Found														
Other		Mortar			A	Y	Y									
Other	Window	Caulking, Grey, painted			A	Y	Y	1500			LF	S0001	None Detected	N.D.	None	
Piping	Not Accessible															
Structure	Not Accessible				C	N										
Wall		Wood			A	Y	Y	2500			SF	V0000	Non-Asbestos		None	
Wall		Mortar			A	Y	Y	900				S0002ABC	None Detected	N.D.	None	
Wall		Mortar			A	Y	Y	500			SF	S0003ABC	None Detected	N.D.	None	
Wall	All	Glass			A	Y	Y	5000			SF	V0000	Non-Asbestos		None	

**Client: Town Of Drumheller c/o Colliers Project Leaders**  
**Location: #1 : Exterior**  
**Survey Date: 2022-04-27**

**Site: 601 5 Street East, Drumheller, AB**  
**Floor:**

**Building Name: Consortium Building**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 0**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Wood	1000		SF	L0001	White	Pb: 1.3 %	Lead	
Other <sup>1</sup>	Wood	600		SF	L0002	Blue	Pb: 0.36 %	Lead	
Wall	Wood	5000		SF	L0003	Light blue	Pb: <0.0063 %	No	

1 - Window sill

**Client: Town Of Drumheller c/o Colliers Project Leaders**  
**Location: #1 : Exterior**  
**Survey Date: 2022-04-27**

**Site: 601 5 Street East, Drumheller, AB**  
**Floor:**

**Building Name: Consortium Building**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 0**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	1500	LF	P0001	Grey	<0.2 mg/kg	No

**Client: Town Of Drumheller c/o Colliers Project Leaders**  
**Location: #2 : Daycare**  
**Survey Date: 2022-04-27**

**Site: 601 5 Street East, Drumheller, AB**  
**Floor: 1**

**Building Name: Consortium Building**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 750**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Ceiling Tile (mechanically fastened)			C	Y	Y	750			SF	S0004A	None Detected	N.D.	None	
Duct	Not Accessible															
Floor <sup>1</sup>	All	Carpet			A	Y	Y	750			SF					
Mechanical Equipment	All	None Found														
Piping	Not Accessible															
Structure	All	Wood			C	N	N	750			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y	Y	470			SF	S0005A	None Detected	N.D.	None	
Wall		Masonry			A	Y	Y	470			SF					
Wall	All	Wood			A	Y	Y	940			SF	V0000	Non-Asbestos		None	

1 - Limited ability to inspect below carpet due to debris. Carpet appears to be mechanically fastened.

**Client: Town Of Drumheller c/o Colliers Project Leaders**  
**Location: #2 : Daycare**  
**Survey Date: 2022-04-27**

**Site: 601 5 Street East, Drumheller, AB**  
**Floor: 1**

**Building Name: Consortium Building**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 750**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Wood	750		SF	L0004	White	Pb: 0.045 %	Lead	
Wall	Masonry	470		SF	L0005	White	Pb: 0.021 %	Lead	
Wall	Drywall and joint compound	470		SF	L0006	White	Pb: 0.011 %	Lead	
Structure	Wood	200		SF	L0007	Blue	Pb: 0.19 %	Lead	

**Client: Town Of Drumheller c/o Colliers Project Leaders**  
**Location: #2 : Daycare**  
**Survey Date: 2022-04-27**

**Site: 601 5 Street East, Drumheller, AB**  
**Floor: 1**

**Building Name: Consortium Building**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 750**

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Batteries In Emer. Lights	1	EA	V9000	Yes

**Client: Town Of Drumheller c/o Colliers Project Leaders**  
**Location: #2 : Daycare**  
**Survey Date: 2022-04-27**

**Site: 601 5 Street East, Drumheller, AB**  
**Floor: 1**

**Building Name: Consortium Building**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 750**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	21	EA	V9000	Yes

**Client: Town Of Drumheller c/o Colliers Project Leaders**  
**Location: #2 : Daycare**  
**Survey Date: 2022-04-27**

**Site: 601 5 Street East, Drumheller, AB**  
**Floor: 1**

**Building Name: Consortium Building**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 750**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	12	EA	V9500			Presumed

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #3 : Classroom  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 150

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Ceiling Tile (mechanically fastened)			C	Y		150			SF	S0004B	None Detected	N.D.	None	
Duct	Not Accessible															
Floor <sup>1</sup>	All	Carpet			A	Y	Y	150			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Not Insulated			A	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	Not Accessible				C	N		150			SF					
Wall	All	Drywall and joint compound			A	Y	Y	375			SF	S0005B	None Detected	N.D.	None	

1 - Limited ability to inspect below carpet due to debris. Carpet appears to be mechanically fastened.

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #3 : Classroom  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 150

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Drywall and joint compound	300	75	SF	V0006	White	Pb: 0.011 %	Lead	

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #3 : Classroom  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 150

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	4	EA	V9000	Yes

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #3 : Classroom  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 150

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	2	EA	V9500			Presumed

**Client: Town Of Drumheller c/o Colliers Project Leaders**  
**Location: #4 : Storage Room**  
**Survey Date: 2022-04-27**

**Site: 601 5 Street East, Drumheller, AB**  
**Floor: 1**

**Building Name: Consortium Building**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 140**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Ceiling Tile (mechanically fastened)			C	Y		140			SF	S0004C	None Detected	N.D.	None	
Duct	Not Accessible															
Floor <sup>1</sup>	All	Carpet			A	Y	Y	140			SF	V0000	Non-Asbestos		None	
Mechanical Equipment	All	None Found														
Piping	All	Not Insulated			A	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	Not Accessible				C	N		140			SF					
Wall	All	Drywall and joint compound			A	Y	Y	375			SF	S0005C	None Detected	N.D.	None	

1 - Limited ability to inspect below carpet due to debris. Carpet appears to be mechanically fastened.

**Client: Town Of Drumheller c/o Colliers Project Leaders**  
**Location: #4 : Storage Room**  
**Survey Date: 2022-04-27**

**Site: 601 5 Street East, Drumheller, AB**  
**Floor: 1**

**Building Name: Consortium Building**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 140**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Drywall and joint compound	300	75	SF	V0006	White	Pb: 0.011 %	Lead	

**Client: Town Of Drumheller c/o Colliers Project Leaders**  
**Location: #4 : Storage Room**  
**Survey Date: 2022-04-27**

**Site: 601 5 Street East, Drumheller, AB**  
**Floor: 1**

**Building Name: Consortium Building**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 140**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	8	EA	V9000	Yes

**Client: Town Of Drumheller c/o Colliers Project Leaders**  
**Location: #4 : Storage Room**  
**Survey Date: 2022-04-27**

**Site: 601 5 Street East, Drumheller, AB**  
**Floor: 1**

**Building Name: Consortium Building**  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft): 140**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	4	EA	V9500			Presumed



**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #5 : Kitchen  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Wood			C	Y	Y	100			SF	V0000	Non-Asbestos		None	
Duct	Not Accessible															
Floor <sup>1</sup>	All	Carpet			A	Y	Y	100			SF					
Mechanical Equipment	All	None Found														
Piping	Not Accessible															
Structure	Not Accessible				C	N		100			SF					
Wall	All	Masonry, Hollow			A	Y	Y	250			SF	V0000	Non-Asbestos		None	

1 - Limited ability to inspect below carpet due to debris. Carpet appears to be mechanically fastened.

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #5 : Kitchen  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Concrete (poured)	250		SF	V0005	White	Pb: 0.021 %	Lead

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #5 : Kitchen  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	4	EA	V9000	Yes

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #5 : Kitchen  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	2	EA	V9500			Presumed

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #6 : Hallway  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Wood			C	Y	Y	200			SF	V0000	Non-Asbestos		None	
Duct	Not Accessible															
Floor <sup>1</sup>	All	Carpet			A	Y	Y	200			SF					
Mechanical Equipment	All	None Found														
Piping	Not Accessible															
Structure	Not Accessible				C	N		200			SF					
Wall	All	Masonry, Hollow			A	Y	Y	250			SF	V0000	Non-Asbestos		None	

1 - Limited ability to inspect below carpet due to debris. Carpet appears to be mechanically fastened.

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #6 : Hallway  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Concrete (poured)	500		SF	V0005	White	Pb: 0.021 %	Lead	
Other <sup>1</sup>	Wood		18	SF	L0008	Blue	Pb: 0.16 %	Lead	
Ceiling	Wood		200	SF	L0009	White	Pb: 0.13 %	Lead	

1 - Door

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #7 : Men's Washroom  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Wood			C	Y	Y	100			SF	V0000	Non-Asbestos		None	
Duct	Not Accessible															
Floor		Mortar		Ceramic Tiles	D	N	N	100			SF	S0006A	None Detected	N.D.	None	
Floor	All	Ceramic Tiles			A	Y	Y	100			SF					
Mechanical Equipment	All	None Found														
Piping	Not Accessible															
Structure	Not Accessible				C	N		100			SF					
Wall	All	Masonry, Hollow			A	Y	Y	250			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #7 : Men's Washroom  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	250		SF	V0005	White	Pb: 0.021 %	Lead	

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #7 : Men's Washroom  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	4	EA	V9000	Yes

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #7 : Men's Washroom  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	2	EA	V9500			Presumed

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #8 : Women's Washroom  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Wood			C	Y	Y	100			SF	V0000	Non-Asbestos		None	
Duct	Not Accessible															
Floor		Mortar		Ceramic Tiles	D	N	N	100			SF	S0006BC	None Detected	N.D.	None	
Floor	All	Ceramic Tiles			A	Y	Y	100			SF					
Mechanical Equipment	All	None Found														
Piping	All	Not Insulated			A	Y	Y	100			%	V0000	Non-Asbestos		None	
Structure	Not Accessible				C	N		100			SF					
Wall	All	Masonry, Hollow			A	Y	Y	250			SF	V0000	Non-Asbestos		None	

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #8 : Women's Washroom  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	250		SF	V0005	White	Pb: 0.021 %	Lead	

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #8 : Women's Washroom  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	4	EA	V9000	Yes

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #8 : Women's Washroom  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:** 1

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 100

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	2	EA	V9500			Presumed

**Client:** Town Of Drumheller c/o Colliers Project Leaders  
**Location:** #9 : Roof  
**Survey Date:** 2022-04-27

**Site:** 601 5 Street East, Drumheller, AB  
**Floor:**

**Building Name:** Consortium Building  
**Room #:**  
**Last Re-Assessment:**

**Area (sqft):** 1540

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Structure		Roofing material			C	Y	Y	1540			SF	S0007ABC	Chrysotile	5-10%	Confirmed Asbestos	NF

## Legend:



Sample number		Units		Other	
S####	Asbestos sample collected	SF	Square feet	A	Access
L####	Paint sample collected	LF	Linear feet	V	Visible
P####	PCB sample collected	EA	Each	AP	Air Plenum
M####	Mould sample collected	%	Percentage	F	Friable material
V####	Material is visually identified to be identical to S####	LF	Linear feet	NF	Non Friable material
V0000	Known non hazardous material			PF	Potentially Friable material
V9000	Material visually identified as a Hazardous Material			Pb	Lead
V9500	Material is presumed to be a hazardous material			Hg	Mercury
				As	Arsenic
				Cr	Chromium

Access	
A	Accessible to all building occupants
B	Accessible to maintenance and operations staff without a ladder
C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas
D	Not normally accessible

Condition	
Good	No visible damage or deterioration
Fair	Minor, repairable damage, cracking, delamination or deterioration
Poor	Irreparable damage or deterioration with exposed and missing material

Visible	
Y	The material is visible when standing on the floor of the room, without the removal or opening of other building components (e.g. ceiling tiles or access panels).
N	The material is not visible to view when standing on the floor of the room and requires the removal of a building component (e.g. ceilings tiles or access panels) to view and access. Includes rarely entered crawlspaces, attic spaces, etc. Observations will be limited to the extent visible from the access points.

Air Plenum	
Yes or No	The material is in a return air plenum or in a direct airstream or there is evidence of air erosion (e.g. duct for heating or cooling blowing directly on or across an ACM). This field is only completed where Air Plenum consideration is required by regulation.

Colour Coding	
	The material is known to contain regulated concentrations of asbestos; either by analytical results or visible identification (use of the V9000 code).
	The material is presumed to contain asbestos; based on visual appearances; typically a material known to historically contain asbestos; however, not sampled due to limited access or the destructive nature of the sampling.

May 26, 2022

# HAZARDOUS MATERIALS ASSESSMENT REPORT

25 Roper Road

E2718-A



Prepared For:

**Town of Drumheller**  
702 Premier Way  
Drumheller, Alberta  
T0J 0Y4

Prepared By:

**Eco Abate Inc.**  
425 Forge Rd SE  
Calgary, Alberta  
T2H 0S9

SENT: May 26, 2022

**Town of Drumheller**

702 Premier Way  
Drumheller, Alberta  
T0J 0Y4

**ATTN:** Mark Steffler, *Project Manager*

**RE:** Hazardous Material Assessment Report

25 Roper Road

**Project #: E2718-A**

Dear Mr. Steffler,

At your request, Eco Abate performed hazardous material sampling and assessment of the building located at 25 Roper Road in Drumheller, Alberta. The purpose of the investigation was to identify hazardous materials on the property to permit development of a remediation scope, identify abatement procedures, and confirm disposal protocols.

During the process, Eco Abate identified the following asbestos-containing materials which will require abatement prior to the planned renovations or demolition of the structure:

1. Flooring Materials
2. Duct Wrap
3. Vermiculite in Walls and Attic

Various other hazardous materials were also identified including: lead-containing paints, ozone depleting substances, mercury-containing fixtures, radioactive materials and biological hazards.

If you have any questions, concerns or require any additional information please contact the undersigned at (403) 998-5079 or [info@ecoabate.com](mailto:info@ecoabate.com).

Authored By:



**Reid Andersen, B.Sc.,**  
*Project Coordinator*

Reviewed By:



**Scott Blake, B.Sc., NCSO, EP®**  
*Principal*



## EXECUTIVE SUMMARY:

Based on observations and results, Eco Abate makes the following conclusions:

1. The following materials were identified as asbestos-containing and will require abatement prior to demolition of the structure:
  - a. Sheet Flooring – Level 1 Kitchen (*See Photograph #5*).
  - b. Sheet Flooring – Under Kitchen Cabinets (*See Photograph #6*).
  - c. Duct Wrap – Level 1 Living Room (*See Photograph #11*).
  - d. Vermiculite – Attic and Exterior Walls (*See Photographs #13, 14 and 21*).

Removal of the materials must be performed by a qualified abatement contractor prior to demolition using procedures found in the Alberta Asbestos Abatement Manual (2019).

2. Lead-containing paints (*See Appendix II*) were identified. Disturbance of lead-containing surface coatings must be performed following exposure prevention controls similar to those found in WorkSafeBC's Lead Containing Paints and Coatings: Preventing Exposure in the Construction Industry (2011) document and described in the Alberta Governments Lead at the Work Site (2013) bulletin.
3. Hazardous components were identified on site and will require appropriate disposal prior to demolition. These items included:
  - a. mercury-containing fluorescent light tubes,
  - b. ozone depleting substances in refrigerators,
  - c. mercury thermostats, and
  - d. smoke detectors.
4. Various biological hazards were observed on site including animal carcasses and mould growth.
5. Should any new materials be identified throughout the process, work should stop until the materials can be assessed by a qualified health and safety professional.

**PLEASE NOTE:** Renovation and demolition activities involving asbestos materials identified must be performed in accordance with all laws found in the Occupational Health and Safety Act Regulation and Code (2021) and follow procedures outlined in the Alberta Asbestos Abatement Manual (2019). Asbestos abatement must be performed by a competent contractor experienced in the procedures described above and include air quality monitoring by a third-party occupational hygiene consultant. All contractors who perform work on the building must be given relevant information pertaining to asbestos-containing materials and must be given access to all records of asbestos testing, including this report.

---

## TABLE OF CONTENTS

---

<b>EXECUTIVE SUMMARY:</b> .....	<b>1</b>
<b>INTRODUCTION</b> .....	<b>2</b>
<b>SCOPE OF WORK</b> .....	<b>2</b>
<b>REGULATIONS AND GUIDELINES</b> .....	<b>3</b>
Occupational Health and Safety Code .....	3
Asbestos Products Regulations .....	4
<b>METHODOLOGY</b> .....	<b>5</b>
Asbestos Bulk Sampling.....	5
Material Condition Assessment .....	5
Lead Sampling.....	6
Polychlorinated Biphenyls .....	6
Mercury.....	6
Ozone Depleting Substances .....	6
Radioactive Materials .....	7
Biological Hazards.....	7
Miscellaneous Chemicals .....	7
<b>LIMITATIONS</b> .....	<b>7</b>
<b>OBSERVATIONS</b> .....	<b>8</b>
<b>RESULTS</b> .....	<b>9</b>
Asbestos Materials .....	9
Lead Materials .....	10
Hazardous Components.....	11
Biological Hazards.....	11
Miscellaneous Chemicals.....	11
<b>CONCLUSIONS</b> .....	<b>12</b>
<b>WARRANTY:</b> .....	<b>13</b>

**APPENDIX I**

**PHOTOGRAPHS**

**APPENDIX II**

**LABORATORY REPORTS**

## INTRODUCTION

At your request, Eco Abate performed hazardous material sampling and assessment of the building located at 25 Roper Road in Drumheller, Alberta. The purpose of the investigation was to identify hazardous materials on the property to permit development of a remediation scope, identify abatement procedures, and confirm disposal protocols.

The site assessment and sampling portions of the investigation were performed on May 19<sup>th</sup>, 2022, by Mr. Scott Blake, *B.Sc., NCSO, EP®*, Principal at Eco Abate Inc.

## SCOPE OF WORK

Eco Abate provide the following services:

- Inspection of the building for hazardous materials and conditions, including:
  - Asbestos-containing materials (ACM);
  - Lead-containing materials;
  - PCB-containing fixtures;
  - Mercury-containing fixtures;
  - Ozone depleting substances;
  - Biological hazards; and
  - Miscellaneous chemicals.
- Sampling, assessment, and photography of suspect materials;
- Interpretation of bulk sample laboratory results;
- Analysis of results in accordance with current industry standards;
- Determine mitigation and corrective actions, where needed;
- Identification of potential exposure hazards relating to asbestos, lead, PCBs, mercury, ODS; and
- Drafting of full report detailing results, conclusions, and recommendations.

## REGULATIONS AND GUIDELINES

### Occupational Health and Safety Code

The Alberta Asbestos Abatement Manual (2019)<sup>1</sup> (AAAM) outlines methods used to aid compliance with the Occupational Health and Safety Act, Regulation and Code (December 2021)<sup>2</sup> (OH&S Code) in the province of Alberta. The manual covers general information on asbestos, related health hazards, requirements for worker protection, safe work practices and basic principles to follow for the safe abatement of asbestos-containing materials.

Part 4 of the Alberta OH&S Code (December 1, 2021)<sup>2</sup>, outlines requirements related to asbestos in buildings. These requirements are:

- Section 31 (1)** If it is determined that asbestos fibres may be released in a building, the building is in an unsafe condition.
- (2)** The employer must take all necessary steps to correct the unsafe condition.
- Section 32 (1)** A person must not use materials containing crocidolite asbestos in an existing or a new building.
- (2)** A person must not apply materials containing asbestos by spraying them.
- Section 33** A person must not use asbestos in an air distribution system or equipment in a form in which, or in a location where, asbestos fibres could enter the air supply or return air systems.
- Section 34** If a building is to be demolished, the employer must ensure that materials with the potential to release asbestos fibres are removed first.
- Section 35** If a building is being altered or renovated, the employer must ensure that materials in the area of the alterations or renovations that could release asbestos fibres are encapsulated, enclosed or removed.
- Section 36 (1)** An employer who is responsible for removing or abating asbestos or for demolishing or renovating a building or equipment containing asbestos must notify a Director of Inspection of the activity at least 72 hours before beginning the activities that may release asbestos fibres.
- (2)** A person must not remove or abate asbestos or demolish or renovate a building or equipment containing asbestos if a Director of Inspection has not been notified in accordance with subsection (1).

All services provided by Eco Abate strictly adhere to Alberta's current occupational health and safety laws, which includes the Occupational Health and Safety Act, Regulation and Code<sup>2</sup>.

---

<sup>1</sup> Alberta Queens Printer, *Alberta Asbestos Abatement Manual (2019)*, Retrieved from <https://www.alberta.ca/alberta-asbestos-abatement-manual.aspx>

<sup>2</sup> Alberta Queens Printer, *Occupational Health and Safety Act, Regulation and Code (December 2021)*, Retrieved from <http://work.alberta.ca/occupational-health-safety/ohs-act-regulation-and-code.html>

## Asbestos Products Regulations

Section 1 of the Asbestos Products Regulation (December 12, 2018)<sup>3</sup>, defines asbestos product as the following:

- A product that contains any type of asbestos, including actinolite, amosite, anthophyllite, chrysotile, crocidolite, cummingtonite, fibrous erionite and tremolite.

Section 2.2 of the Asbestos Products Regulation (December 12, 2018)<sup>3</sup> permits the use of non-crocidolite asbestos products if certain conditions are met. The following products and conditions are:

- 1) A textile fibre product that is worn on the person; if:
  - a) The product provides protection from fire or heat hazards; and
  - b) A person who uses the product in a reasonably foreseeable manner cannot come into contact with airborne asbestos from the product.
- 2) A product that is used by a child in learning or play; if:
  - a) Asbestos cannot become separated from the product.
- 3) Drywall joint cement or compound, or spackling or patching compound, that is used in construction, repair or renovation; if:
  - a) Asbestos cannot become separated from the product during its post-manufacture preparation, application or removal.
- 4) A product that is applied by spraying; if:
  - a) The asbestos is encapsulated with a binder during spraying; and
  - b) The materials that result from the spraying are not friable after drying.

---

<sup>3</sup> Minister of Justice (December 12, 2018), *Asbestos Products Regulations (SOR/2016-164)*, Retrieved from <https://laws-lois.justice.gc.ca/PDF/SOR-2016-164.pdf>

## METHODOLOGY

### Asbestos Bulk Sampling

Asbestos bulk sampling and assessment was conducted following AAAM<sup>1</sup> guidelines by qualified and competent personnel with experience in sampling and laboratory analysis techniques. Asbestos samples were forwarded to EMSL Canada Inc. in Calgary, Alberta, for analysis. The samples were analyzed by polarized-light microscopy (PLM) using the EPA 600/R-93/116 analysis method. This method uses various techniques to determine the asbestos concentrations in building materials.

### Material Condition Assessment

Assessment of the material was performed following the exposure assessment algorithm in Section 1.6 of the AAAM<sup>1</sup> as a guideline. This assessment method takes into account eight (8) factors that ultimately determine the corrective actions that must be taken to ensure the safety of an asbestos-containing installation. The factors which must be evaluated are:

- (1) Condition of Material – An assessment of the quality of the installation, adhesion of the material to substrate, and instances of deterioration or damage. Condition rated as follows:
  - i. Good Condition – no significant signs of damage, deterioration or delamination;
  - ii. Fair Condition – mild to moderate damage, deterioration or delamination; and
  - iii. Poor Condition – severely damaged, deteriorated or delaminated.
- (2) Water Damage;
- (3) Exposed Surface Area;
- (4) Accessibility;
- (5) Activity and Movement;
- (6) Air Distribution System;
- (7) Friability; and
- (8) Asbestos Content.

## Lead Sampling

Lead containing material and paint samples were collected and recommendations provided in accordance with the Alberta Government's Lead at the Work Site (2013)<sup>4</sup> document. This is a bulletin combining regulations and standards from various sources in the occupational health and safety industry. Lead samples were forwarded to EMSL Canada Inc. in Calgary, Alberta, for analysis. The samples were analyzed for lead content using EPA Method SW 846 3050B\*/700B. EMSL's laboratory is also accredited by the AIHA Environmental Lead Laboratory Approval Program (ELLAP)

Criteria for evaluating the condition of LCPs is based on the United States Housing and Urban Development (HUD) 2012 *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*. The assessment evaluates the condition of the LCPs to determine if deterioration is due to moisture or another building deficiency.

- (1) Condition of Material – An assessment of the quality of the installation, adhesion of the material to substrate, and instances of deterioration or damage. Condition rated as follows:
  - i. Good Condition – surfaced should be monitored to ensure they remain non-hazardous;
  - ii. Fair Condition – surfaced need to be repaired but are not yet hazardous; and
  - iii. Poor Condition – surfaces are considered to be hazardous and need to be corrected.
- (2) Building Component; and
- (3) Surface Area.

## Polychlorinated Biphenyls

Light ballasts were visually assessed for polychlorinated biphenyls (PCBs) containing ballasts during the inspection. Identification of PCBs was possible by the serial numbers and branding on the ballasts. Most PCBs produced in the 1980s or later have markings indicating the ballasts are "Non-PCB". Other ballasts can be identified as hazardous based on the product date and serial numbers indicating they were produced in the time period in which the manufacturer utilized PCB components.

Electrical conduits and heavy-duty sealants may contain PCBs and sampling may be required if large scale industrial processes may have required specialized PCB-containing products.

## Mercury

Thermostats can utilize mercury switches and were visually inspected for the presence of these switches. All observable switches were counted and relayed in the results section.

Mercury is known to be a component of fluorescent light tubes. Visual estimation of the number of light tubes was provided in the results section.

## Ozone Depleting Substances

Assessment for equipment or systems likely to contain ODSs was completed visually. Information on the type of equipment, manufacturer, type, and quantity of refrigerants was recorded, where available. The most common products include refrigeration equipment and air conditioning units.

---

<sup>4</sup> Alberta Queens Printer (2013). *Lead at the Work Site*, Retrieved from <https://work.alberta.ca/documents/OHS-Bulletin-CH071.pdf>

## Radioactive Materials

Visual assessment of smoke detectors was performed to confirm the presence of radioactive materials where possible. Any smoke detectors which were inaccessible were assumed to contain radioactive materials and were included in the reported amounts in the results section.

## Biological Hazards

Identification of hazardous organic waste or biological contaminants was conducted visually and included assessment of all site conditions at the time of the inspection. The identification of material which could result in illness or disease were documented, where possible.

Biological hazards include conditions such as animal droppings or carcasses, mould contamination, standing water, etc.

## Miscellaneous Chemicals

Any household or commercial chemicals which would require special disposal were documented and quantified where possible. Visual identification of the chemicals is sufficient in most cases to determine appropriate handling and disposal procedures.

## LIMITATIONS

The amount of material reported, if reported, is an estimate and materials may exist in locations inaccessible at the time the survey was performed.

Materials with a homogenous appearance cannot be differentiated based on appearance and accurate identification of renovated or replaced areas is not possible. As a result, all areas of materials such as drywall, ceiling texture, stucco, etc., must be treated as asbestos-containing if one (1) or more samples are identified as positive.

Asbestos materials may exist in areas of the property inaccessible for inspection including wall cavities and ceiling cavities.

Attic inspection included the visual assessment of insulation within arms length of the entrance. Full entry into the attic space was not performed and the insulation was assumed to be consistent throughout the home.

Materials such as flooring may extend into other areas of the home beneath secondary layers. Assessment was performed where possible but cannot account for all layers.



## OBSERVATIONS

The following observations were made at the time of the assessment:

1. Walls were found to consist of thin particle board with some areas having a skim coat.
2. Wooden lath was used in all observed areas to hold the particle board.
3. Vermiculite was observed in all exterior walls behind the wooden lath (*See Photograph #5*).
4. Attic spaces existed on either side of the second floor, with additional spaces accessible through the sunroom.
5. Vermiculite may be dropping into interior walls from the attic space.
6. Duct wrap was confirmed on supply vents on the main floor.
7. Most areas of the bathroom inspected had been constructed of wood panelling.
8. Limited areas of drywall existed in the kitchen and second floors.
9. The kitchen had three (3) layers of sheet flooring.
10. Flooring was also identified beneath the kitchen cabinetry.
11. No suspect building materials existed inside the small garage.
12. The large garage structure was found to be locked during the inspection and had to be broken into by property maintenance. This was not sufficiently locked upon leaving the site.
13. A fridge was confirmed in the kitchen area.
14. Large quantities of dead bugs were observed throughout the space.
15. Pest traps and suspected mouse droppings were also observed.

## RESULTS

### Asbestos Materials

Table 1 below summarizes the positive results of the asbestos bulk sampling. For details, please refer to the attached laboratory reports (See Appendix II).

**Table #1:** Summary of Positive Asbestos Sampling Results

#	DESCRIPTION / LOCATION	ASB TYPE	ASB%	CONDITION	PHOTO
5	Sheet Flooring (Brown) Floor 1 Kitchen – 3 Layers	Chrysotile	20%	Poor	5
6	Flooring (Beige/White) Floor 1 Under Cabinets	Chrysotile	25%	Fair	6
11	Duct Wrap Floor 1 Living Room	Chrysotile	80%	Fair	11
13	Vermiculite West Wall	Actinolite	<1%	Fair	13
14	Vermiculite East Wall	Actinolite	<1%	Fair	14
-	Vermiculite Attic	<i>Assume Positive</i>		Fair	21

**Notes:**

- a. N/A = Not applicable due to asbestos not being detected in the provided sample.
- b. None Detected = no asbestos was detected within the material sampled.
- c. Reporting limit is <1% for the method used.

Sampling was performed by Eco Abate Inc. following sampling procedures outlined in the [Alberta Asbestos Abatement Manual \(2019\)](#). Analysis was conducted in Calgary, Alberta, following the [EPA 600/R-93/116 Method](#), which is the approved polarized light microscopy (PLM) analysis method used in Canada for identification of asbestos within bulk materials.

## Lead Materials

Results of lead paint sampling indicate lead-based paint was used on the property. *Table 2* below summarizes the results of the lead paint sampling. Please refer to the attached *Laboratory Report* for further details (*See Appendix II*).

**Table #2:** Lead Paint Sampling Results

ID#	LOCATION	COLOR	CONC. (ppm)	INTERPRETATION
A	Living Room	White	2100	Lead Based
B	Exterior of Home	White	8300	Lead Based
C	Large Garage Exterior	White	180	Lead Based

Notes:

- a. Non-Lead = Lead levels reported are below the limit of lead required to classify a paint as lead-based.
- b. Reporting limit is <80 ppm for the method used.

Sampling was performed by Eco Abate Inc. following sampling procedures outlined in the Flame AAS SW 846 3050B/7000B Method. Analysis was conducted in Calgary, Alberta, by EMSL Canada Inc. following the Flame AAS SW 846 3050B/7000B Method, which is a flame atomic absorption spectrometry (AAS) analysis method used for identification of lead within surface coating samples.

## Hazardous Components

Results of visual inspection for hazardous materials in building components identified multiple items which will require disposal prior to demolition. *Table 3* below summarizes the results of the assessment including confirmed counts of various items.

**Table #3:** Hazmat Item Count

ITEM	TOTAL
Smoke Detectors (Radioactive)	1
Thermostat (Mercury)	1
Fluorescent Light Tubes (Mercury)	2
PCB Light Ballasts	-
Ozone Depleting Substances (Fridge)	1
Fire Extinguishers	-

Notes:

- ~ = Estimated amount of material based on visual observation and extrapolation through unexplored areas.
- All fluorescent light tubes were assumed to contain mercury.
- Only smoke detectors confirmed to contain radioactive materials were included.
- Refrigeration equipment included air conditioning units, refrigerators, freezers, and water coolers.
- Item counts are based on visual observation while on site and does not include items which were inaccessible.

## Biological Hazards

Dead bugs and pest traps were identified on site.

Mould contamination was confirmed in various areas of the home and garage.

## Miscellaneous Chemicals

Various chemicals were identified in the garage.

## CONCLUSIONS

Based on observations and results, Eco Abate makes the following conclusions:

1. Sheet flooring in the level 1 kitchen consisting of 3 layers, and beneath the kitchen cabinets, was identified as asbestos-containing (See *Photographs #5 and 6*). Removal of the material must be performed prior to demolition by a qualified abatement contractor using appropriate asbestos abatement procedures found in Section 5 of the AAAM (2019).
2. Duct wrap in the level 1 living room was identified as asbestos-containing (See Photograph #11). Removal of the materials throughout the home must be performed prior to demolition by a qualified abatement contractor using high-risk asbestos abatement procedures found in Section 5.4 of the AAAM (2019).
3. Vermiculite material was confirmed in the attic spaces and exterior walls and confirmed asbestos-containing (See *Photographs #13 and 14*). Removal of the material must be performed prior to demolition by a qualified abatement contractor using high-risk asbestos abatement procedures found in Section 5.4 of the AAAM (2019).

**PLEASE NOTE:** Interior walls may also contain vermiculite in some areas, but all spots investigated were free of vermiculite.

4. Lead-containing paints (See *Appendix II*) were identified on all surfaces present on the home. Disturbance of lead-containing surface coatings should be performed following using exposure prevention controls found in WorkSafeBC's Lead Containing Paints and Coatings: Preventing Exposure in the Construction Industry (2011) document and described in the Alberta Governments Lead at the Work Site (2013) bulletin.

**PLEASE NOTE:** All waste which includes the paint must be disposed of as hazardous waste unless toxicity characteristic leachate procedure (TCLP) testing can confirm the levels below the hazardous waste definition in the Government of Alberta's document Alberta User Guide for Waste Managers (1996)<sup>1</sup>.

5. Hazardous components were identified on site and will require appropriate disposal prior to demolition. These items included:
  - a. mercury-containing fluorescent light tubes,
  - b. ozone depleting substances in refrigerators,
  - c. mercury thermostats, and
  - d. smoke detectors.
6. Should any new materials be identified throughout the process, work should stop until the materials can be assessed by a qualified health and safety professional.

**PLEASE NOTE:** Renovation and demolition activities involving asbestos materials identified must be performed in accordance with all laws found in the Occupational Health and Safety Act Regulation and Code (2019) and follow procedures outlined in the Alberta Asbestos Abatement Manual (2019). Asbestos abatement must be performed by a competent contractor experienced in the procedures described above and include air quality monitoring by a third-party occupational hygiene consultant. All contractors who perform work on the building must be given relevant information pertaining to asbestos-containing materials and must be given access to all records of asbestos testing, including this report.

## WARRANTY:

Eco Abate Inc. warrants to the company, organization, or individual to whom this report is addressed that the assessment described has been conducted with a reasonable level of care and skill, in accordance with standards currently prevailing in the health, safety, and environmental consulting profession.

The warranty stated above is subject to the following: (i) the assessment conducted by Eco Abate has been limited to the scope of work described, (ii) this report has been prepared taking into account current government regulations, and does not reflect regulations which may be enacted in the future, (iii) where indicated or implied in this report, conclusions are based on visual observation of the site at the time of this assessment, and (iv) the conclusions of this report do not apply to any areas of the site not available for testing or inspection.

This report is intended for the exclusive use of the company, organization, or individual to whom it is addressed.

If you have any questions, concerns or require any additional information please contact the undersigned at (403) 998-5079 or [info@ecoabate.com](mailto:info@ecoabate.com).

Authored By:



**Reid Andersen, B.Sc.,**  
*Project Coordinator*

Reviewed By:



**Scott Blake, B.Sc., NCSO, EP®**  
*Principal*

**APPENDIX I**  
PHOTOGRAPHS



**PHOTOGRAPH #1:** Drywall Joint Compound - Floor 1 Int Kitchen (Non-Asbestos)



**PHOTOGRAPH #2:** Drywall Joint Compound – Floor 2 Int Chimney (Non-Asbestos)





**PHOTOGRAPH #3:** Drywall Joint Compound – Ext Garage (Non-Asbestos)



**PHOTOGRAPH #4:** Drywall Joint Compound – Ext Garage (Non-Asbestos)



**PHOTOGRAPH #5:** Sheet Flooring (Brown) 3 Layers - Floor 1 Kitchen (20% Chrysotile)

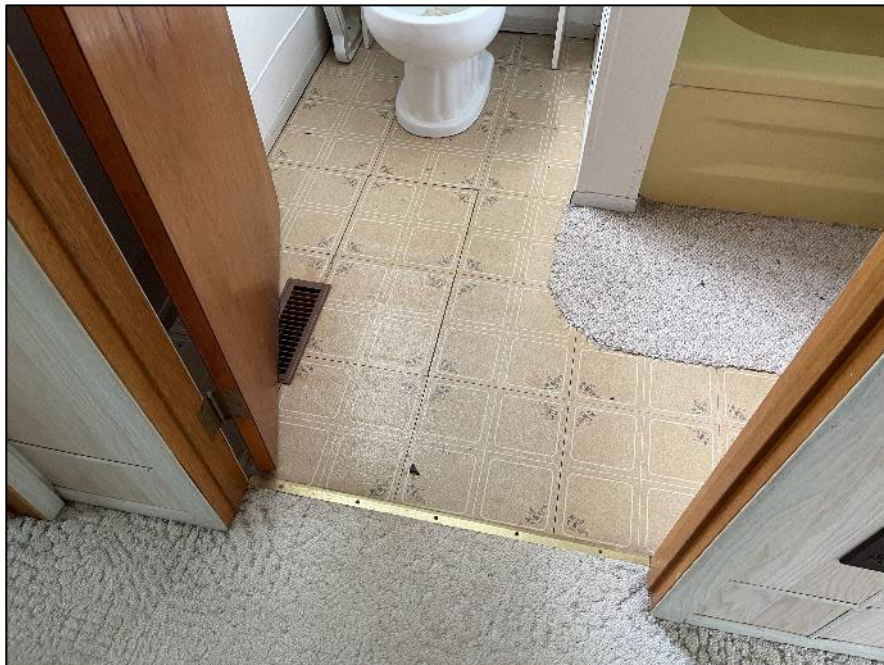


**PHOTOGRAPH #6:** Flooring (Beige/White) – Floor 1 Under Cabinets (25% Chrysotile)





**PHOTOGRAPH #7:** Flooring – Floor 1 Sun Room (Non-Asbestos)



**PHOTOGRAPH #8:** Flooring – Floor 1 Bathroom (Non-Asbestos)



**PHOTOGRAPH #9:** Skim Coat (White) - Floor 2 West Wall (Non-Asbestos)



**PHOTOGRAPH #10:** Wall Board - Floor 1 Living Room (Non-Asbestos)





**PHOTOGRAPH #11:** Duct Wrap – Floor 1 Living Room (80% Chrysotile)



**PHOTOGRAPH #12:** Window Caulking - Exterior (Non-Asbestos)



**PHOTOGRAPH #13:** Vermiculite – West Wall (<1% Actinolite)



**PHOTOGRAPH #14:** Vermiculite – East Wall (<1% Actinolite)





**PHOTOGRAPH #15:** Paint- White Floor 1 Int. Living Room Wall (Lead Based)



**PHOTOGRAPH #16:** Paint – White Exterior of Home (Lead Based)



**PHOTOGRAPH #17:** Paint- White Exterior of Large Garage (Lead Based)



**PHOTOGRAPH #18:** Smoke Detector





**PHOTOGRAPH #19:** Fluorescent Light Tubes (Mercury)



**PHOTOGRAPH #20:** Thermostat (Mercury)



**PHOTOGRAPH #21:** Vermiculite in the Attic Space (<1% Actinolite)



**PHOTOGRAPH #22:** Captive Air Tank in Basement

**APPENDIX II**  
LABORATORY REPORTS

**Project Number:** E2718-A

**Date of Analysis** Wednesday, May 25, 2022

**Author** Reid Andersen

## Results

ID	Sample Description / Location	Results
1	Drywall Joint Compound - Level 1 Kitchen (EXT)	None Detected
2	Drywall Joint Compound - Level 2 Chimney (EXT)	None Detected
3	Drywall Joint Compound - Garage (EXT)	None Detected
4	Drywall Joint Compound - Garage (EXT)	None Detected
5	Sheet Flooring - Level 1 Kitchen (Brown)	20% Chrsotile
6	Flooring - Level 1 Under Cabinets (Beige/White)	25% Chrysotile
7	Flooring - Level 1 Sun Room	None Detected
8	Flooring - Level 1 Bathroom (Beige)	None Detected
9	Skim Coat - Level 2 West Wall (White)	None Detected
10	Wall Board - Level 1 Living Room	None Detected
11	Duct Wrap - Level 1 Living Room	80% Chrysotile
12	Window Caulking - Exterior EXT	None Detected
13	Vermiculite - West Wall	<1% Actinolite
14	Vermiculite - East Wall	<1% Actinolite

- Samples analysis of bulk materials via EPA 600/R-93/116 Method using Polarized Light Microscopy
- This report relates only to the samples reported above, and may not be reproduced
- Analysis and results subject to limitations of sample collection and methodology used
- Eco Abate maintains liability limited to cost of analysis

**Project Number:** E2718-A

**Date of Analysis:** Thursday, May 26, 2022

**Author:** Reid Andersen

**Results:**

ID	Sample Description / Location	Results
A	White Paint - Interior Living Room	2100 ppm
B	White Paint - Exterior of Home	8300 ppm
C	White Paint - Large Garage	180 ppm

- Samples analysis of paint chips via Flame AAS (SW 846 3050B/7000B)\*
- Reporting limit is 0.008% wt based on the minimum sample weight.
- This report relates only to the samples reported above, and may not be reproduced
- Analysis and results subject to limitations of sample collection and methodology used
- Eco Abate maintains liability limited to cost of analysis



May 26, 2022

# HAZARDOUS MATERIALS ASSESSMENT REPORT

109 4 Street

E2718-B



Prepared For:

**Town of Drumheller**  
702 Premier Way  
Drumheller, Alberta  
T0J 0Y4

Prepared By:

**Eco Abate Inc.**  
425 Forge Rd SE  
Calgary, Alberta  
T2H 0S9

SENT: May 26, 2022

**Town of Drumheller**  
Premier Way  
Drumheller, Alberta  
T0J 0Y4

**ATTN:** Mark Steffler, *Project Manager*

**RE:** **Hazardous Material Assessment Report**  
109 4 Street  
**Project #: E2718-B**

Dear Mr. Steffler,

At your request, Eco Abate performed hazardous material sampling and assessment of the building located at 109 4 Street in Drumheller, Alberta. The purpose of the investigation was to identify hazardous materials on the property to permit development of a remediation scope, identify abatement procedures, and confirm disposal protocols.

During the process, Eco Abate identified the following asbestos-containing materials which will require abatement prior to the planned renovations or demolition of the structure:

1. Drywall Joint Compound
2. Floor Tiles
3. Transite Soffit
4. Cement Shingle
5. Window Caulking

Various other hazardous materials were also identified including: lead-containing paints, ozone depleting substances, mercury-containing fixtures, biological hazards and miscellaneous chemicals.

If you have any questions, concerns or require any additional information please contact the undersigned at (403) 998-5079 or [info@ecoabate.com](mailto:info@ecoabate.com).

Authored By:



**Reid Andersen, B.Sc.,**  
*Project Coordinator*

Reviewed By:



**Scott Blake, B.Sc., NCSO, EP®**  
*Principal*

## EXECUTIVE SUMMARY:

Based on observations and results, Eco Abate makes the following conclusions:

1. The following materials were identified as asbestos-containing and will require abatement prior to demolition of the structure:
  - a. Drywall Joint Compound (*See Photographs #1 to 7*).
  - b. Floor Tiles (*See Photograph #14*).
  - c. Transite Soffits on Small Shed (*See Photograph #20*).
  - d. Cement Shingle on Small Shed (*See Photograph #21*).
  - e. Window Caulking on Large Shed (*See Photograph #23*).

Removal of the materials must be performed by a qualified abatement contractor prior to demolition using procedures found in the Alberta Asbestos Abatement Manual (2019).

2. Lead-containing paints (*See Appendix II*) were identified. Disturbance of lead-containing surface coatings must be performed following exposure prevention controls similar to those found in WorkSafeBC's Lead Containing Paints and Coatings: Preventing Exposure in the Construction Industry (2011) document and described in the Alberta Governments Lead at the Work Site (2013) bulletin.
3. Hazardous components were identified on site and will require appropriate disposal prior to demolition, including:
  - a. Radioactive materials in smoke detectors,
  - b. ozone depleting substances in refrigerator,
  - c. mercury thermostats, and
  - d. miscellaneous chemicals .
4. Various biological hazards were observed on site including animal carcasses, a cat occupying the small house, and extensive mould growth.
5. Should any new materials be identified throughout the process, work should stop until the materials can be assessed by a qualified health and safety professional.

**PLEASE NOTE:** Renovation and demolition activities involving asbestos materials identified must be performed in accordance with all laws found in the Occupational Health and Safety Act Regulation and Code (2021) and follow procedures outlined in the Alberta Asbestos Abatement Manual (2019). Asbestos abatement must be performed by a competent contractor experienced in the procedures described above and include air quality monitoring by a third-party occupational hygiene consultant. All contractors who perform work on the building must be given relevant information pertaining to asbestos-containing materials and must be given access to all records of asbestos testing, including this report.



---

## TABLE OF CONTENTS

---

<b>EXECUTIVE SUMMARY:</b> .....	<b>1</b>
<b>INTRODUCTION</b> .....	<b>2</b>
<b>SCOPE OF WORK</b> .....	<b>2</b>
<b>REGULATIONS AND GUIDELINES</b> .....	<b>3</b>
Occupational Health and Safety Code .....	3
Asbestos Products Regulations .....	4
<b>METHODOLOGY</b> .....	<b>5</b>
Asbestos Bulk Sampling.....	5
Material Condition Assessment .....	5
Lead Sampling.....	6
Polychlorinated Biphenyls .....	6
Mercury.....	6
Ozone Depleting Substances .....	6
Radioactive Materials .....	7
Biological Hazards.....	7
Miscellaneous Chemicals .....	7
<b>LIMITATIONS</b> .....	<b>7</b>
<b>OBSERVATIONS</b> .....	<b>8</b>
<b>RESULTS</b> .....	<b>9</b>
Asbestos Materials .....	9
Lead Materials .....	10
Hazardous Components.....	11
Biological Hazards.....	11
Miscellaneous Chemicals.....	11
<b>CONCLUSIONS</b> .....	<b>12</b>
<b>WARRANTY:</b> .....	<b>13</b>

**APPENDIX I**

**PHOTOGRAPHS**

**APPENDIX II**

**LABORATORY REPORTS**

## INTRODUCTION

At your request, Eco Abate performed hazardous material sampling and assessment of the building located at 109 4 Street in Drumheller, Alberta. The purpose of the investigation was to identify hazardous materials on the property to permit development of a remediation scope, identify abatement procedures, and confirm disposal protocols.

The site assessment and sampling portions of the investigation were performed on May 19<sup>th</sup>, 2022, by Mr. Scott Blake, B.Sc., NCSO, EP®, Principal at Eco Abate Inc.

## SCOPE OF WORK

Eco Abate provide the following services:

- Inspection of the building for hazardous materials and conditions, including:
  - Asbestos-containing materials (ACM);
  - Lead-containing materials;
  - PCB-containing fixtures;
  - Mercury-containing fixtures;
  - Ozone depleting substances;
  - Biological hazards; and
  - Miscellaneous chemicals.
- Sampling, assessment, and photography of suspect materials;
- Interpretation of bulk sample laboratory results;
- Analysis of results in accordance with current industry standards;
- Determine mitigation and corrective actions, where needed;
- Identification of potential exposure hazards relating to asbestos, lead, PCBs, mercury, ODS; and
- Drafting of full report detailing results, conclusions, and recommendations.

## REGULATIONS AND GUIDELINES

### Occupational Health and Safety Code

The Alberta Asbestos Abatement Manual (2019)<sup>1</sup> (AAAM) outlines methods used to aid compliance with the Occupational Health and Safety Act, Regulation and Code (December 2021)<sup>2</sup> (OH&S Code) in the province of Alberta. The manual covers general information on asbestos, related health hazards, requirements for worker protection, safe work practices and basic principles to follow for the safe abatement of asbestos-containing materials.

Part 4 of the Alberta OH&S Code (December 1, 2021)<sup>2</sup>, outlines requirements related to asbestos in buildings. These requirements are:

- Section 31 (1)** If it is determined that asbestos fibres may be released in a building, the building is in an unsafe condition.
- (2)** The employer must take all necessary steps to correct the unsafe condition.
- Section 32 (1)** A person must not use materials containing crocidolite asbestos in an existing or a new building.
- (2)** A person must not apply materials containing asbestos by spraying them.
- Section 33** A person must not use asbestos in an air distribution system or equipment in a form in which, or in a location where, asbestos fibres could enter the air supply or return air systems.
- Section 34** If a building is to be demolished, the employer must ensure that materials with the potential to release asbestos fibres are removed first.
- Section 35** If a building is being altered or renovated, the employer must ensure that materials in the area of the alterations or renovations that could release asbestos fibres are encapsulated, enclosed or removed.
- Section 36 (1)** An employer who is responsible for removing or abating asbestos or for demolishing or renovating a building or equipment containing asbestos must notify a Director of Inspection of the activity at least 72 hours before beginning the activities that may release asbestos fibres.
- (2)** A person must not remove or abate asbestos or demolish or renovate a building or equipment containing asbestos if a Director of Inspection has not been notified in accordance with subsection (1).

All services provided by Eco Abate strictly adhere to Alberta's current occupational health and safety laws, which includes the Occupational Health and Safety Act, Regulation and Code<sup>2</sup>.

---

<sup>1</sup> Alberta Queens Printer, *Alberta Asbestos Abatement Manual (2019)*, Retrieved from <https://www.alberta.ca/alberta-asbestos-abatement-manual.aspx>

<sup>2</sup> Alberta Queens Printer, *Occupational Health and Safety Act, Regulation and Code (December 2021)*, Retrieved from <http://work.alberta.ca/occupational-health-safety/ohs-act-regulation-and-code.html>

## Asbestos Products Regulations

Section 1 of the Asbestos Products Regulation (December 12, 2018)<sup>3</sup>, defines asbestos product as the following:

- A product that contains any type of asbestos, including actinolite, amosite, anthophyllite, chrysotile, crocidolite, cummingtonite, fibrous erionite and tremolite.

Section 2.2 of the Asbestos Products Regulation (December 12, 2018)<sup>3</sup> permits the use of non-crocidolite asbestos products if certain conditions are met. The following products and conditions are:

- 1) A textile fibre product that is worn on the person; if:
  - a) The product provides protection from fire or heat hazards; and
  - b) A person who uses the product in a reasonably foreseeable manner cannot come into contact with airborne asbestos from the product.
- 2) A product that is used by a child in learning or play; if:
  - a) Asbestos cannot become separated from the product.
- 3) Drywall joint cement or compound, or spackling or patching compound, that is used in construction, repair or renovation; if:
  - a) Asbestos cannot become separated from the product during its post-manufacture preparation, application or removal.
- 4) A product that is applied by spraying; if:
  - a) The asbestos is encapsulated with a binder during spraying; and
  - b) The materials that result from the spraying are not friable after drying.

---

<sup>3</sup> Minister of Justice (December 12, 2018), *Asbestos Products Regulations (SOR/2016-164)*, Retrieved from <https://laws-lois.justice.gc.ca/PDF/SOR-2016-164.pdf>

## METHODOLOGY

### Asbestos Bulk Sampling

Asbestos bulk sampling and assessment was conducted following AAAM<sup>1</sup> guidelines by qualified and competent personnel with experience in sampling and laboratory analysis techniques. Asbestos samples were forwarded to EMSL Canada Inc. in Calgary, Alberta, for analysis. The samples were analyzed by polarized-light microscopy (PLM) using the EPA 600/R-93/116 analysis method. This method uses various techniques to determine the asbestos concentrations in building materials.

### Material Condition Assessment

Assessment of the material was performed following the exposure assessment algorithm in Section 1.6 of the AAAM<sup>1</sup> as a guideline. This assessment method takes into account eight (8) factors that ultimately determine the corrective actions that must be taken to ensure the safety of an asbestos-containing installation. The factors which must be evaluated are:

- (1) Condition of Material – An assessment of the quality of the installation, adhesion of the material to substrate, and instances of deterioration or damage. Condition rated as follows:
  - i. Good Condition – no significant signs of damage, deterioration or delamination;
  - ii. Fair Condition – mild to moderate damage, deterioration or delamination; and
  - iii. Poor Condition – severely damaged, deteriorated or delaminated.
- (2) Water Damage;
- (3) Exposed Surface Area;
- (4) Accessibility;
- (5) Activity and Movement;
- (6) Air Distribution System;
- (7) Friability; and
- (8) Asbestos Content.

## Lead Sampling

Lead containing material and paint samples were collected and recommendations provided in accordance with the Alberta Government's Lead at the Work Site (2013)<sup>4</sup> document. This is a bulletin combining regulations and standards from various sources in the occupational health and safety industry. Lead samples were forwarded to EMSL Canada Inc. in Calgary, Alberta, for analysis. The samples were analyzed for lead content using EPA Method SW 846 3050B\*/700B. EMSL's laboratory is also accredited by the AIHA Environmental Lead Laboratory Approval Program (ELLAP)

Criteria for evaluating the condition of LCPs is based on the United States Housing and Urban Development (HUD) 2012 *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*. The assessment evaluates the condition of the LCPs to determine if deterioration is due to moisture or another building deficiency.

- (1) Condition of Material – An assessment of the quality of the installation, adhesion of the material to substrate, and instances of deterioration or damage. Condition rated as follows:
  - i. Good Condition – surfaced should be monitored to ensure they remain non-hazardous;
  - ii. Fair Condition – surfaced need to be repaired but are not yet hazardous; and
  - iii. Poor Condition – surfaces are considered to be hazardous and need to be corrected.
- (2) Building Component; and
- (3) Surface Area.

## Polychlorinated Biphenyls

Light ballasts were visually assessed for polychlorinated biphenyls (PCBs) containing ballasts during the inspection. Identification of PCBs was possible by the serial numbers and branding on the ballasts. Most PCBS produced in the 1980s or later have markings indicating the ballasts are "Non-PCB". Other ballasts can be identified as hazardous based on the product date and serial numbers indicating they were produced in the time period in which the manufacturer utilized PCB components.

Electrical conduits and heavy-duty sealants may contain PCBs and sampling may be required if large scale industrial processes may have required specialized PCB-containing products.

## Mercury

Thermostats can utilize mercury switches and were visually inspected for the presence of these switches. All observable switches were counted and relayed in the results section.

Mercury is known to be a component of fluorescent light tubes. Visual estimation of the number of light tubes was provided in the results section.

## Ozone Depleting Substances

Assessment for equipment or systems likely to contain ODSs was completed visually. Information on the type of equipment, manufacturer, type, and quantity of refrigerants was recorded, where available. The most common products include refrigeration equipment and air conditioning units.

---

<sup>4</sup> Alberta Queens Printer (2013). *Lead at the Work Site*, Retrieved from <https://work.alberta.ca/documents/OHS-Bulletin-CH071.pdf>

## Radioactive Materials

Visual assessment of smoke detectors was performed to confirm the presence of radioactive materials where possible. Any smoke detectors which were inaccessible were assumed to contain radioactive materials and were included in the reported amounts in the results section.

## Biological Hazards

Identification of hazardous organic waste or biological contaminants was conducted visually and included assessment of all site conditions at the time of the inspection. The identification of material which could result in illness or disease were documented, where possible.

Biological hazards include conditions such as animal droppings or carcasses, mould contamination, standing water, etc.

## Miscellaneous Chemicals

Any household or commercial chemicals which would require special disposal were documented and quantified where possible. Visual identification of the chemicals is sufficient in most cases to determine appropriate handling and disposal procedures.

## LIMITATIONS

The amount of material reported, if reported, is an estimate and materials may exist in locations inaccessible at the time the survey was performed.

Materials with a homogenous appearance cannot be differentiated based on appearance and accurate identification of renovated or replaced areas is not possible. As a result, all areas of materials such as drywall, ceiling texture, stucco, etc., must be treated as asbestos-containing if one (1) or more samples are identified as positive.

Asbestos materials may exist in areas of the property inaccessible for inspection including wall cavities and ceiling cavities.

Attic inspection included the visual assessment of insulation within arms length of the entrance. Full entry into the attic space was not performed and the insulation was assumed to be consistent throughout the home.

Access to the interior of the large shed at the back of the property was not provided and sampling was only performed on the exterior.

## OBSERVATIONS

The following observations were made at the time of the assessment:

1. Two (2) layers of drywall existed in some areas sampled.
2. No vermiculite was identified in attic space of any of the buildings investigated.
3. Two layers of flooring were identified in the hallways but could not be confirmed in the kitchen areas.
4. No access was provided to the “large shed” outbuilding.
5. The small shed was not found to have an attic space.
6. Stucco was used on the exterior of the main home.
7. No duct wrap was identified at the time of the inspection.
8. No visible attic insulation existed in the small house.
9. Mercury containing thermostats were confirmed.
10. A large freezer was identified.
11. Miscellaneous chemicals were confirmed in the basement furnace room.



## RESULTS

### Asbestos Materials

Table 1 below summarizes the positive results of the asbestos bulk sampling. For details, please refer to the attached laboratory reports (See Appendix II).

**Table #1:** Summary of Positive Asbestos Sampling Results

#	DESCRIPTION / LOCATION	ASB TYPE	ASB%	CONDITION	PHOTO
1	Drywall Joint Compound* Level 1 - Exterior Kitchen Wall	Chrysotile	2%	Fair	1
2	Drywall Joint Compound* Level 1 - Exterior Dining Area	Chrysotile	2%	Fair	2
3	Drywall Joint Compound* Level 1 - Exterior North Bedroom	<i>Assume Positive</i>		Fair	3
4	Drywall Joint Compound* Level 1 - Interior Hallway	Chrysotile	2%	Fair	4
5	Drywall Joint Compound* Basement – Exterior Furnace Room	<i>Assume Positive</i>		Fair	5
6	Drywall Joint Compound* Basement – Exterior Stairs	<i>Assume Positive</i>		Fair	6
7	Drywall Joint Compound* Basement – Interior Living Room	<i>Assume Positive</i>		Fair	7
14	Floor Tile Level 1 - Hallway	Chrysotile	4%	Fair	14
20	Transite Soffit Small Shed	Chrysotile	15%	Fair	20
21	Cement Shingle Small Shed	Chrysotile	10%	Poor	21
23	Window Caulking Large Shed Exterior	Chrysotile	8%	Fair	23

**Notes:**

- a. N/A = Not applicable due to asbestos not being detected in the provided sample.
- b. None Detected = no asbestos was detected within the material sampled.
- c. Reporting limit is <1% for the method used.

Sampling was performed by Eco Abate Inc. following sampling procedures outlined in the Alberta Asbestos Abatement Manual (2019). Analysis was conducted in Calgary, Alberta, following the EPA 600/R-93/116 Method, which is the approved polarized light microscopy (PLM) analysis method used in Canada for identification of asbestos within bulk materials.

**Lead Materials**

Results of lead paint sampling indicate lead-based paint was used on the property. *Table 2* below summarizes the results of the lead paint sampling. Please refer to the attached *Laboratory Report* for further details (*See Appendix II*).

**Table #2:** Lead Paint Sampling Results

ID#	LOCATION	COLOR	CONC. (ppm)	INTERPRETATION
A	Interior Dining Room	White	360	Lead Based
B	Interior Bedroom	Blue	< 80	Non-Lead
C	Main Home	Red	250	Lead Based
D	Small Shed	White	< 140	Lead Based
E	Large Shed	Red	6000	Lead Based
F	Small House	Beige	64000	Lead Based

Notes:

- a. Non-Lead = Lead levels reported are below the limit of lead required to classify a paint as lead-based.
- b. Reporting limit is <80 ppm for the method used.

Sampling was performed by Eco Abate Inc. following sampling procedures outlined in the Flame AAS SW 846 3050B/7000B Method. Analysis was conducted in Calgary, Alberta, by EMSL Canada Inc. following the Flame AAS SW 846 3050B/7000B Method, which is a flame atomic absorption spectrometry (AAS) analysis method used for identification of lead within surface coating samples.

## Hazardous Components

Results of visual inspection for hazardous materials in building components identified multiple items which will require disposal prior to demolition. *Table 3* below summarizes the results of the assessment including confirmed counts of various items.

**Table #3:** Hazmat Item Count

ITEM	TOTAL
Smoke Detectors (Radioactive)	1
Thermostat (Mercury)	2
Fluorescent Light Tubes (Mercury)	-
PCB Light Ballasts	-
Ozone Depleting Substances (Freezer)	1
Fire Extinguishers	-

Notes:

- ~ = Estimated amount of material based on visual observation and extrapolation through unexplored areas.
- All fluorescent light tubes were assumed to contain mercury.
- Only smoke detectors confirmed to contain radioactive materials were included.
- Refrigeration equipment included air conditioning units, refrigerators, freezers, and water coolers.
- Item counts are based on visual observation while on site and does not include items which were inaccessible.

## Biological Hazards

A neighbourhood cat was identified on site and was found to occupy the small house.

## Miscellaneous Chemicals

Various chemicals were identified in the basement furnace room.

## CONCLUSIONS

Based on observations and results, Eco Abate makes the following conclusions:

1. The drywall on the property was identified as asbestos-containing. Any renovation, demolition, or removal of the material must be performed by a qualified abatement contractor using moderate-risk asbestos abatement procedures found in Section 5.3 of the Alberta Asbestos Abatement Manual (2019) (See *Photographs #1 to 7*)

**PLEASE NOTE:** Due to the homogenous appearance of drywall, all sections of the materials throughout the property must be treated as asbestos-containing as required by Section 7.1.1 of the Alberta Asbestos Abatement Manual (2019).

2. The floor tile on the property was identified as asbestos-containing. Any renovation, demolition, or removal of the material must be performed by a qualified abatement contractor using low asbestos abatement procedures found in Section 5.2 of the Alberta Asbestos Abatement Manual (2019) (See *Photograph #14*)
3. The transite soffit on the property was identified as asbestos-containing. Any renovation, demolition, or removal of the material must be performed by a qualified abatement contractor using low-risk asbestos abatement procedures found in Section 5.2 of the Alberta Asbestos Abatement Manual (2019) (See *Photograph #20*)
4. The cement shingle on the property was identified as asbestos-containing. Any renovation, demolition, or removal of the material must be performed by a qualified abatement contractor using low-risk asbestos abatement procedures found in Section 5.2 of the Alberta Asbestos Abatement Manual (2019) (See *Photograph #21*)
5. The window caulking on the property was identified as asbestos-containing. Any renovation, demolition, or removal of the material must be performed by a qualified abatement contractor using low-risk asbestos abatement procedures found in Section 5.2 of the Alberta Asbestos Abatement Manual (2019) (See *Photograph #23*).
6. Lead-containing paints (See *Appendix II*) were identified on both outbuilding present on the property. Disturbance of lead-containing surface coatings should be performed following using exposure prevention controls found in WorkSafeBC's Lead Containing Paints and Coatings: Preventing Exposure in the Construction Industry (2011) document and described in the Alberta Governments Lead at the Work Site (2013) bulletin.

**PLEASE NOTE:** All waste which includes the paint must be disposed of as hazardous waste unless toxicity characteristic leachate procedure (TCLP) testing can confirm the levels below the hazardous waste definition in the Government of Alberta's document Alberta User Guide for Waste Managers (1996)<sup>1</sup>.

7. Hazardous components were identified on site and will require appropriate disposal prior to demolition, including: radioactive materials in smoke detectors, ozone depleting substances in refrigerator, mercury thermostats, and miscellaneous chemicals .
8. Should any new materials be identified throughout the process, work should stop until the materials can be assessed by a qualified health and safety professional.

**PLEASE NOTE:** Renovation and demolition activities involving asbestos materials identified must be performed in accordance with all laws found in the Occupational Health and Safety Act Regulation and Code (2019) and follow procedures outlined in the Alberta Asbestos Abatement Manual (2019). Asbestos abatement must be performed by a competent contractor experienced in the procedures described above and include air quality monitoring by a third-party occupational hygiene consultant. All contractors who perform work on the building must be given relevant information pertaining to asbestos-containing materials and must be given access to all records of asbestos testing, including this report.

## WARRANTY:

Eco Abate Inc. warrants to the company, organization, or individual to whom this report is addressed that the assessment described has been conducted with a reasonable level of care and skill, in accordance with standards currently prevailing in the health, safety, and environmental consulting profession.

The warranty stated above is subject to the following: (i) the assessment conducted by Eco Abate has been limited to the scope of work described, (ii) this report has been prepared taking into account current government regulations, and does not reflect regulations which may be enacted in the future, (iii) where indicated or implied in this report, conclusions are based on visual observation of the site at the time of this assessment, and (iv) the conclusions of this report do not apply to any areas of the site not available for testing or inspection.

This report is intended for the exclusive use of the company, organization, or individual to whom it is addressed.

If you have any questions, concerns or require any additional information please contact the undersigned at (403) 998-5079 or [info@ecoabate.com](mailto:info@ecoabate.com).

Authored By:



**Reid Andersen, B.Sc.,**  
*Project Coordinator*

Reviewed By:



**Scott Blake, B.Sc., NCSO, EP®**  
*Principal*

**APPENDIX I**  
PHOTOGRAPHS



**PHOTOGRAPH #1:** Drywall Joint Compound - Floor 1 Exterior Kitchen (2% Chrysotile)



**PHOTOGRAPH #2:** Drywall Joint Compound - Level 1 Dining Area Exterior (2% Chrysotile)





**PHOTOGRAPH #3:** Drywall Joint Compound - Level 1 North Bedroom Exterior (Assume Positive)



**PHOTOGRAPH #4:** Drywall Joint Compound - Level 1 Hallway Interior (2% Chrysotile)





**PHOTOGRAPH #5:** Drywall Joint Compound - Basement Furnace Room Exterior (Assume Positive)



**PHOTOGRAPH #6:** Drywall Joint Compound - Basement Stairs Exterior (Assume Positive)



**PHOTOGRAPH #7:** Drywall Joint Compound - Basement Living Room Interior (Assume Positive)



**PHOTOGRAPH #8:** Ceiling Texture - Basement Bedroom (Non-Asbestos)



**PHOTOGRAPH #9:** Ceiling Texture - Basement Living Room (Non-Asbestos)



**PHOTOGRAPH #10:** Ceiling Texture - Basement Closet (Non-Asbestos)





**PHOTOGRAPH #11:** Ceiling Tile - Level 1 Kitchen (1x1) (Non-Asbestos)



**PHOTOGRAPH #12:** Ceiling Tile - Basement Living Room (2x4) (Non-Asbestos)



**PHOTOGRAPH #13:** Sheet Flooring - Level 1 Foyer (Non-Asbestos)



**PHOTOGRAPH #14:** Floor Tile - Level 1 Hallway (4% Chrysotile)





**PHOTOGRAPH #15:** Floor Tile - Level 1 North Bedroom (Non-Asbestos)



**PHOTOGRAPH #16:** Stucco - Exterior North Face (Non-Asbestos)





**PHOTOGRAPH #17:** Stucco - Exterior East Face (Non-Asbestos)



**PHOTOGRAPH #18:** Stucco - Exterior West Face (Non-Asbestos)





**PHOTOGRAPH #19:** Parging - Exterior NW Corner (Non-Asbestos)



**PHOTOGRAPH #20:** Transite Soffit - Small Shed (15% Chrysotile)





**PHOTOGRAPH #21:** Cement Shingle - Small Shed (10% Chrysotile)



**PHOTOGRAPH #22:** Window Caulking - Large Shed Interior (Non-Asbestos)





**PHOTOGRAPH #23:** Window Caulking - Large Shed Exterior (8% Chrysotile)



**PHOTOGRAPH #24:** Ceiling Tile - Small House (Non-Asbestos)





**PHOTOGRAPH #25:** Ceiling Board - Small House (Non-Asbestos)



**PHOTOGRAPH #26:** Window Caulking - Small House (Non-Asbestos)



**PHOTOGRAPH #27:** Paint- White Interior Dining Room (Lead Based)



**PHOTOGRAPH #28:** Paint- Blue Interior Bedroom (Non-Lead)





**PHOTOGRAPH #29:** Paint- Red on Main Home (Lead Based)



**PHOTOGRAPH #30:** Paint- Small White Shed (Lead Based)





**PHOTOGRAPH #31:** Paint- Large Red Shed (Lead Based)



**PHOTOGRAPH #32:** Paint- Small Beige House (Lead Based)





**PHOTOGRAPH #33:** Freezer



**PHOTOGRAPH #34:** Miscellaneous Chemicals



**PHOTOGRAPH #35:** Thermostat (Mercury)



**PHOTOGRAPH #36:** Thermostat (Mercury)





**PHOTOGRAPH #37:** Stray Cat Occupying the Small House During Inspection



**PHOTOGRAPH #38:** Large Shed – No Access Provided (Door Locked)

## APPENDIX II

### LABORATORY REPORTS

**Project Number:** E2718-B

**Date of Analysis** Thursday, May 26, 2022

**Author** Scott Blake

## Results

ID	Sample Description / Location	Results
1	Drywall Joint Compound - Level 1 Kitchen (EXT)	2% Chrysotile
2	Drywall Joint Compound - Level 1 Dining Area (EXT)	2% Chrysotile
3	Drywall Joint Compound - Level 1 North Bedroom (EXT)	None Detected
4	Drywall Joint Compound - Level 1 Hallway (INT)	2% Chrysotile
5	Drywall Joint Compound - Basement Furnace Room (EXT)	None Detected
6	Drywall Joint Compound - Basement Stairs (EXT)	None Detected
7	Drywall Joint Compound - Basement Living Room (INT)	None Detected
8	Ceiling Texture - Basement Bedroom	None Detected
9	Ceiling Texture - Basement Living Room	None Detected
10	Ceiling Texture - Basement Closet	None Detected
11	Ceiling Tile - Level 1 Kitchen (1x1)	None Detected
12	Ceiling Tile - Basement Living Room (2x4)	None Detected
13	Sheet Flooring - Level 1 Foyer	None Detected
14	Floor Tile - Level 1 Hallway	4% Chrysotile
15	Floor Tile - Level 1 North Bedroom	None Detected
16	Stucco - Exterior North Face	None Detected
17	Stucco - Exterior East Face	None Detected
18	Stucco - Exterior West Face	None Detected
19	Parging - Exterior NW Corner	None Detected
20	Transite Soffit - Small Shed	15% Chrysotile
21	Cement Shingle - Small Shed	10% Chrysotile
22	Window Caulking - Large Shed Interior	None Detected
23	Window Caulking - Large Shed Exterior	8% Chrysotile
24	Ceiling Tile - Small House	None Detected
25	Ceiling Board - Small House	None Detected

ID	Sample Description / Location	Results
26	Window Caulking - Small House	None Detected

- Samples analysis of bulk materials via EPA 600/R-93/116 Method using Polarized Light Microscopy
- This report relates only to the samples reported above, and may not be reproduced
- Analysis and results subject to limitations of sample collection and methodology used
- Eco Abate maintains liability limited to cost of analysis

**Project Number:** E2718-B

**Date of Analysis:** Thursday, May 26, 2022

**Author:** Reid Andersen

**Results:**

ID	Sample Description / Location	Results
A	White Paint - Interior Dining Room	360 ppm
B	Blue Paint - Interior Bedroom	<80 ppm
C	Red Paint - Main Home	250 ppm
D	White Paint - Small Shed	<140 ppm
E	Red Paint - Large Shed	6000 ppm
F	Beige Paint - Small House	64000 ppm

- Samples analysis of paint chips via Flame AAS (SW 846 3050B/7000B)\*
- Reporting limit is 0.008% wt based on the minimum sample weight.
- This report relates only to the samples reported above, and may not be reproduced
- Analysis and results subject to limitations of sample collection and methodology used
- Eco Abate maintains liability limited to cost of analysis



## APPENDIX E – GENERAL PHOTOS

Photo 1



Health Centre

Photo 2



Health Centre

Photo 3



Health Centre

Photo 4



Health Centre

Photo 5



Health Centre

Photo 6



Health Centre



**Photo 7**



Consortium

**Photo 8**



Consortium

**Photo 9**



Consortium

**Photo 10**



Consortium

**Photo 11**



Consortium

**Photo 12**



Consortium



**Photo 13**



Nacmine Hotel

**Photo 14**



Nacmine Hotel

**Photo 15**



Nacmine Hotel

**Photo 16**



Nacmine Hotel

**Photo 17**



Nacmine Hotel

**Photo 18**



Nacmine Hotel



**Photo 19**



25 Roper Road

**Photo 20**



25 Roper Road

**Photo 21**



25 Roper Road

**Photo 22**



25 Roper Road

**Photo 23**



25 Roper Road

**Photo 24**



25 Roper Road

**Photo 25**



109 4 St W

**Photo 26**



109 4 St W

**Photo 27**



109 4 St W

**Photo 28**



109 4 St W

**Photo 29**



109 4 St W

**Photo 30**



109 4 St W

## **APPENDIX F – MAP SHOWING LAND TRANSFER TO SENIORS HOME**

Attached





## APPENDIX G – TREES SALVAGED

The trees that the Demolition Contractor will be required to protect and salvage at the Health Centre Building are shown in the pictures below:

Photo 1



Photo 2



Photo 3



Photo 4



**Photo 5**



**Photo 6**



## **APPENDIX H – INSPECTION REPORTS FOR RESIDENTIAL PROPERTIES**

Attached



# BOCC

# HOME INSPECTION



## Inspection Report

**Town of Drumheller attn: Mark Steffler**

**Property Address:**  
25 Roper Road - Rosedale  
Drumheller Alberta T0J 2V0



25 Roper Road - Rosedale

**Bocc Home Inspections Ltd.**

**Adam Boccinfuso License# 342384  
Creekside Postal Stn PO Box70036**



**Airdrie AB T4B 0V9  
(403)585-6279  
www.Bocclnspections.com**

## Table of Contents

<a href="#">Cover Page.....</a>	<a href="#">1</a>
<a href="#">Table of Contents.....</a>	<a href="#">3</a>
<a href="#">Intro Page.....</a>	<a href="#">4</a>
<a href="#">1 Roofing.....</a>	<a href="#">5</a>
<a href="#">2 Attic.....</a>	<a href="#">8</a>
<a href="#">3 Exterior.....</a>	<a href="#">17</a>
<a href="#">4 Garage.....</a>	<a href="#">21</a>
<a href="#">5 Interiors.....</a>	<a href="#">24</a>
<a href="#">7 Basement.....</a>	<a href="#">50</a>
<a href="#">9 Bathroom and Components.....</a>	<a href="#">57</a>
<a href="#">General Summary.....</a>	<a href="#">60</a>
<a href="#">Invoice.....</a>	<a href="#">66</a>
<a href="#">Agreement.....</a>	<a href="#">67</a>

<b>Date:</b> 12/16/2021	<b>Time:</b> 09:30 AM	<b>Report ID:</b> 25 Roper Road - Rosedale
<b>Property:</b> 25 Roper Road - Rosedale Drumheller Alberta T0J 2V0	<b>Customer:</b> Town of Drumheller attn: Mark Steffler	<b>Real Estate Professional:</b>

### Comment Key or Definitions

The following definitions of comment descriptions represent this inspection report. All comments by the inspector should be considered before purchasing this home. Any recommendations by the inspector to repair or replace suggests a second opinion or further inspection by a qualified contractor. All costs associated with further inspection fees and repair or replacement of item, component or unit should be considered before you purchase the property.

**Inspected (IN)** = I visually observed the item, component or unit and if no other comments were made then it appeared to be functioning as intended allowing for normal wear and tear.

**Not Inspected (NI)** = I did not inspect this item, component or unit and made no representations of whether or not it was functioning as intended and will state a reason for not inspecting.

**Not Present (NP)** = This item, component or unit is not in this home or building.

**Repair or Replace (RR)** = The item, component or unit is not functioning as intended, or needs further inspection by a qualified contractor. Items, components or units that can be repaired to satisfactory condition may not need replacement.

**In Attendance:**

Vacant (inspector only)

**Type of building:**

Single Family (2 story)

**Temperature:**

-27 (C)

**Weather:**

Sunny

**Ground/Soil surface condition:**

Frozen

**Rain in last 3 days:**

No

**Radon Test:**

No

**Water Test:**

No

# 1. Roofing

The home inspector shall observe: Roof covering; Roof drainage systems; Flashings; Skylights, chimneys, and roof penetrations; and Signs of leaks or abnormal condensation on building components. The home inspector shall: Describe the type of roof covering materials; and Report the methods used to observe the roofing. The home inspector is not required to: Walk on the roofing; or Observe attached accessories including but not limited to solar systems, antennae, and lightning arrestors. **We do not give an estimation of life span.**

CONDOMINIUMS: The roof is the responsibility of the Condominium Owners Association and is subject to the Association By-Laws, rules and assessments. We recommend obtaining and reviewing the By-Laws, financial statements, the most recent reserve study and minutes of the meetings of the Association, prior to close.

## Styles & Materials

**Roof Covering:**

Asphalt/Fiberglass

**Viewed roof covering from:**

Ground  
Binoculars

**Sky Light(s):**

None

**Chimney (exterior):**

Brick  
Metal Flue Pipe

**Roof Structure:**

Stick-built

## Items

### 1.0 Roof Coverings

Comments: Inspected

#### ROOF COVERINGS

Roof was limited to a visual inspection with the use of binoculars as it was covered in snow, no issues to report from what was seen.



1.0 Item 1(Picture) Roof



1.0 Item 2(Picture) Roof



1.0 Item 3(Picture) Roof



1.0 Item 4(Picture) Roof



1.0 Item 5(Picture) Roof



1.0 Item 6(Picture) Roof





1.0 Item 7(Picture) Roof



1.0 Item 8(Picture) Roof

**1.1 Flashings**

Comments: Inspected

**ROOF FLASHINGS**

Flashing is fitted correctly and in serviceable condition where visible.

**1.2 Skylights**

Comments: Not Present

**1.3 Chimneys**

Comments: Inspected

**1.4 Roof Penetrations**

Comments: Inspected

The roof of the home was inspected and reported on with the above information. While the inspector makes every effort to find all areas of concern, some areas can go unnoticed. Roof coverings and skylights can appear to be leak proof during inspection and weather conditions. Our inspection makes an attempt to find a leak but sometimes cannot. Please be aware that the inspector has your best interest in mind. Any repair items mentioned in this report should be considered before purchase. It is recommended that qualified contractors be used in your further inspection or repair issues as it relates to the comments in this inspection report. **We do not give an estimation of life span.**

## 2. Attic

The home inspector shall observe: Insulation and vapor retarders in unfinished spaces; Ventilation of attics; the operation of any readily accessible thermostatic control and the operation of any readily accessible attic ventilation fan. The home inspector is not required to report on: Concealed insulation and vapor retarders; or Venting equipment that is integral with household appliances. Entering attics that are insulated can be dangerous. Attics with insulation cannot be safely inspected due to limited visibility of the framing members, upon which the inspector must walk. In such cases, the attic is only partially accessed, thereby limiting the review of the attic area from the hatch area only. Inspectors will not crawl/walk the attic area when they believe it is a danger to them or that they might damage the attic insulation or cause damage. Comments made on the attic are reflected on recent weather conditions, during long periods of dry spells leak are not visible, so are excluded from the responsibility of the home inspection. We can only comment on the conditions at the time of the home inspection.

### *Styles & Materials*

**Attic Insulation:**

Vermiculite

**Ventilation:**

Soffit Vents

Roof Vents

**Method Used to Observe Attic:**

From Attic hatch

**Attic Info:**

Attic Hatch

No Storage

### *Items*

#### 2.0 Attic

**Comments:** Inspected

**ATTIC**

The attic space was visually inspected with use of flashlight and thermal scanner from the ladders edge, it all appeared dry on the day of inspection.

**Maintenance Tips:**

1. Recommend installation of fresh weather stripping annually at attic hatch to reduce build up of warm moist air.
2. Attic should be reviewed at least twice per year to ensure ventilation openings are clear and to ensure development of mold is kept in check. While there may be very little or no evidence of mold build-up in the attic at time of inspection, it can reproduce and spread rapidly should conditions allow it to. Mold can be potentially hazardous and will spread when moisture enters the attic cavity and is not vented to the exterior. Any area of suspected mold should be reviewed by a qualified contractor for analysis and removal.
3. Recommend monitoring performance of roof through regular attic review - water intrusion can occur at any time after the inspection, future performance unknown. It is common to see staining around attic hatch entrance and the hatch itself. This happens when heat escapes into attic hatch in winter, hot air hits the cold air and it turns to condensation. This can be helped by replacing weatherstripping. Sometimes the sheathing can also be affected and in extreme cases mold can start to form.

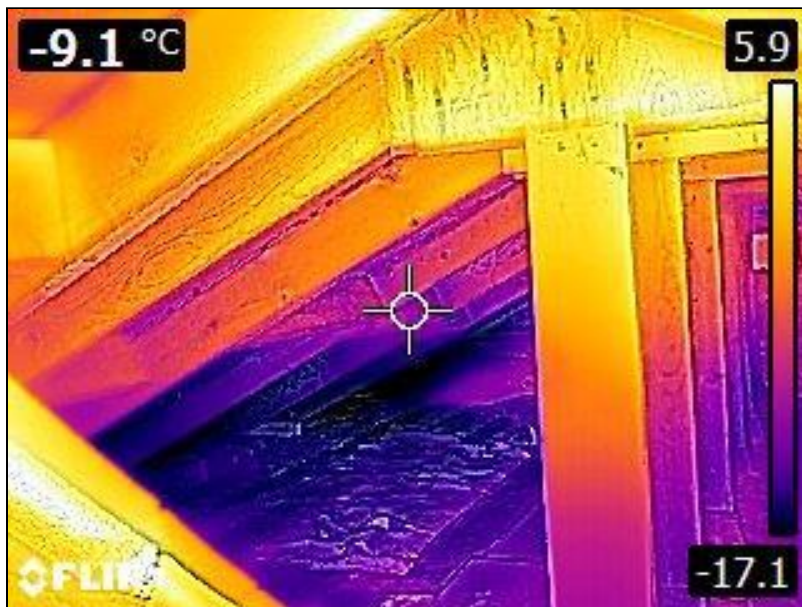


2.0 Item 1(Picture) Attic





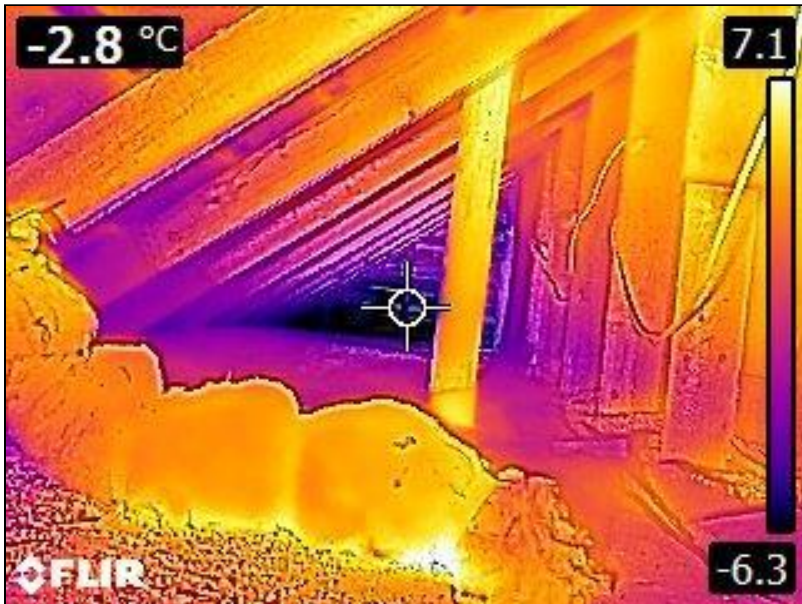
2.0 Item 2(Picture) Attic



2.0 Item 3(Picture) Attic



2.0 Item 4(Picture) Attic

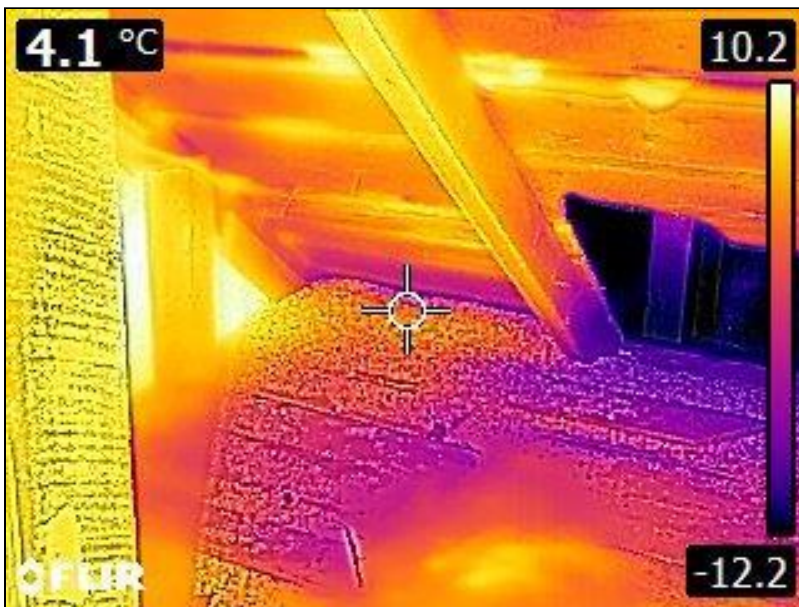


2.0 Item 5(Picture) Attic





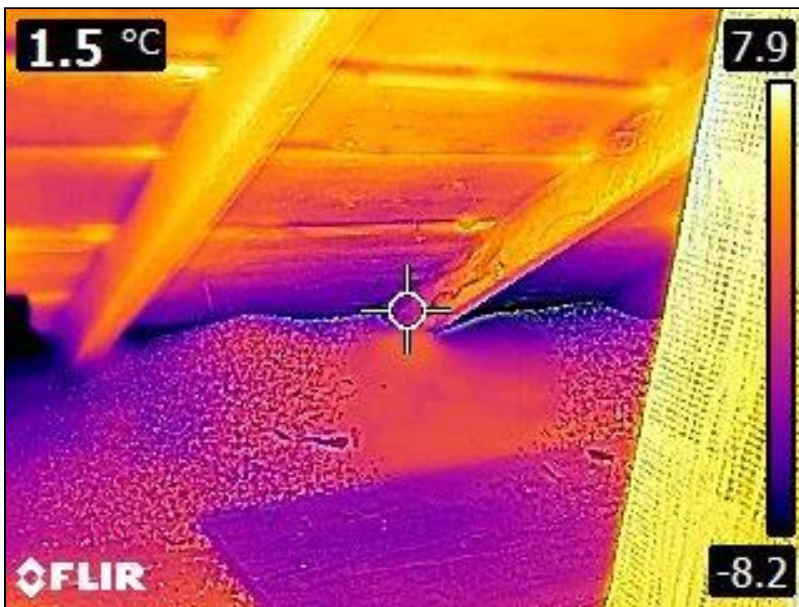
2.0 Item 6(Picture) Attic



2.0 Item 7(Picture) Attic



2.0 Item 8(Picture) Attic



2.0 Item 9(Picture) Attic



2.0 Item 10(Picture) Attic

**2.1 Attic Hatch**

Comments: Inspected

**2.3 Roof Structure**

Comments: Inspected

**2.4 Insulation**

Comments: Inspected



**INSULATION**

Good amount of insulation in the attic during the inspection but vermiculite was found in the attic space, samples can be taken to the lab for further analysis to confirm if it contains asbestos or not.



2.4 Item 1(Picture) Attic Insulation - vermiculite

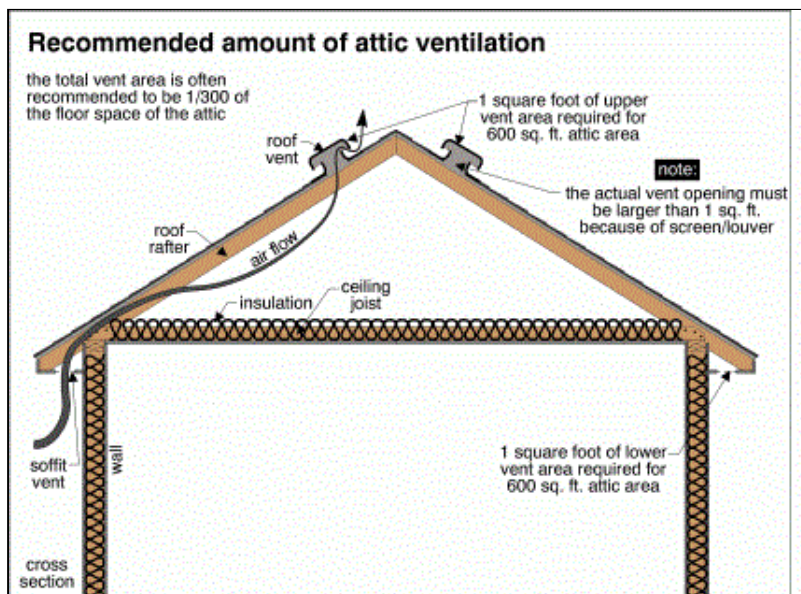
**2.5 Ventilation**

Comments: Inspected

**ATTIC VENTILATION**

**For Education Purposes:**

Proper ventilation in your attic or roof space is critical to the performance of your roofing material. Life cycle, cost of roofing material, house structure, home system venting, attic condensation, ice dams, ceiling leaks, R value of insulation, energy costs, health of occupants, and so much more can be affected.



2.5 Item 1(Picture) Attic Ventilation

**2.6 Ventilation Fans and Thermostatic Controls in Attic**

Comments: Inspected

---

The attic structure, insulation and ventilation was inspected and reported on with the above information. While the inspector makes every effort to find all areas of concern, some areas can go unnoticed. Only visible areas can be inspected. Please be aware that the inspector has your best interest in mind. Any repair items mentioned in this report should be considered before purchase. It is recommended that qualified contractors be used in your further inspection or repair issues as it relates to the comments in this inspection report.

### 3. Exterior



The home inspector shall observe: Wall cladding, flashings, and trim; Entryway doors and a representative number of windows; Garage door operators; Decks, balconies, stoops, steps, areaways, porches and applicable railings; Eaves, soffits, and fascias; and Vegetation, grading, drainage, driveways, patios, walkways, and retaining walls with respect to their effect on the condition of the building. The home inspector shall: Describe wall cladding materials; Operate all entryway doors and a representative number of windows; Operate garage doors manually or by using permanently installed controls for any garage door operator; Report whether or not any garage door operator will automatically reverse or stop when meeting reasonable resistance during closing; and Probe exterior wood components where deterioration is suspected. The home inspector is not required to observe: Storm windows, storm doors, screening, shutters, awnings, and similar seasonal accessories; Fences; Presence of safety glazing in doors and windows; Garage door operator remote control transmitters; Geological conditions; Soil conditions; Recreational facilities (including spas, saunas, steam baths, swimming pools, tennis courts, playground equipment, and other exercise, entertainment, or athletic facilities); Detached buildings or structures; or Presence or condition of buried fuel storage tanks. The home inspector is not required to: Move personal items, panels, furniture, equipment, plant life, soil, snow, ice or debris that obstructs access or visibility.

#### Styles & Materials

**Siding Material:**

Wood

**Exterior Entry Doors:**

Wood

#### Items

### 3.0 Exterior Foundation

Comments: Inspected

### 3.1 Wall Cladding Flashing and Trim

Comments: Inspected, Repair or Replace

#### WALL CLADDING FLASHING AND TRIM

Higher levels of wall clad around the home are only visually inspected from the ground level. Exterior siding requires prep and paint to protect from the elements of nature.



3.1 Item 1(Picture) Exterior - siding requires prep and paint

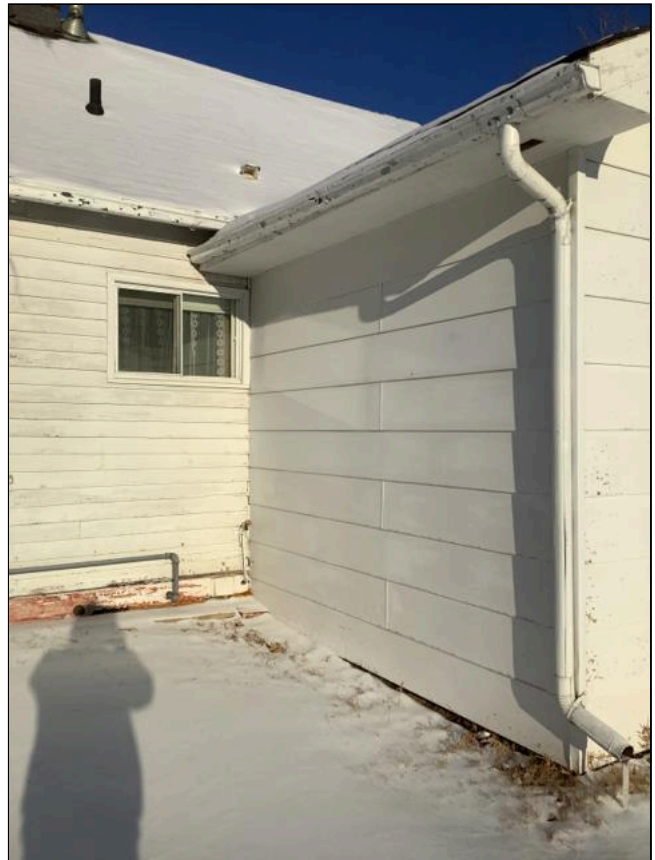


3.1 Item 2(Picture) Exterior - siding requires prep and paint





3.1 Item 3(Picture) Exterior - siding requires prep and paint



3.1 Item 4(Picture) Exterior - siding requires prep and paint



3.1 Item 5(Picture) Exterior - siding requires prep and paint



3.1 Item 6(Picture) Exterior - siding requires prep and paint



3.1 Item 7(Picture) Exterior - siding requires prep and paint



3.1 Item 8(Picture) Exterior - siding requires prep and paint

### 3.2 Doors (Exterior)

Comments: Inspected

The exterior of the home was inspected and reported on with the above information. While the inspector makes every effort to find all areas of concern, some areas can go unnoticed. Please be aware that the inspector has your best interest in mind. Any repair items mentioned in this report should be considered before purchase. It is recommended that qualified contractors be used in your further inspection or repair issues as it relates to the comments in this inspection report.



## 4. Garage

Items

### 4.0 Garage Roof

Comments: Inspected

#### GARAGE ROOF

Roof was limited to a visual inspection with the use of binoculars as it was covered in snow, no issues to report from what was seen.



4.0 Item 1(Picture) Garage Roof



4.0 Item 2(Picture) Garage Roof

### 4.1 Garage Attic

Comments: Inspected

### 4.4 Garage Cladding, Flashing and Trim

Comments: Inspected

**WALL CLADDING FLASHING AND TRIM**

Higher levels of wall clad around the home are only visually inspected from the ground level. Exterior siding requires prep and paint to protect from the elements of nature.



4.4 Item 1(Picture) Garage Exterior - siding requires prep and paint



4.4 Item 2(Picture) Garage Exterior - siding requires prep and paint



4.4 Item 3(Picture) Garage Exterior - siding requires prep and paint



4.4 Item 4(Picture) Garage Exterior - siding requires prep and paint

# 5. Interiors

The home inspector shall observe: Walls, ceiling, and floors; Steps, stairways, balconies, and railings; Counters and a representative number of installed cabinets; and A representative number of doors and windows. The home inspector shall: Operate a representative number of windows and interior doors; and Report signs of abnormal or harmful water penetration into the building or signs of abnormal or harmful condensation on building components. The home inspector is not required to observe: Paint, wallpaper, and other finish treatments on the interior walls, ceilings, and floors; Carpeting; or Draperies, blinds, or other window treatments.

### Styles & Materials

**Ceiling Materials:**

Plaster

**Wall Material:**

Plaster

**Floor Covering(s):**

Carpet

Linoleum

**Interior Doors:**

Hollow core

**Floor Structure:**

Wood Joists

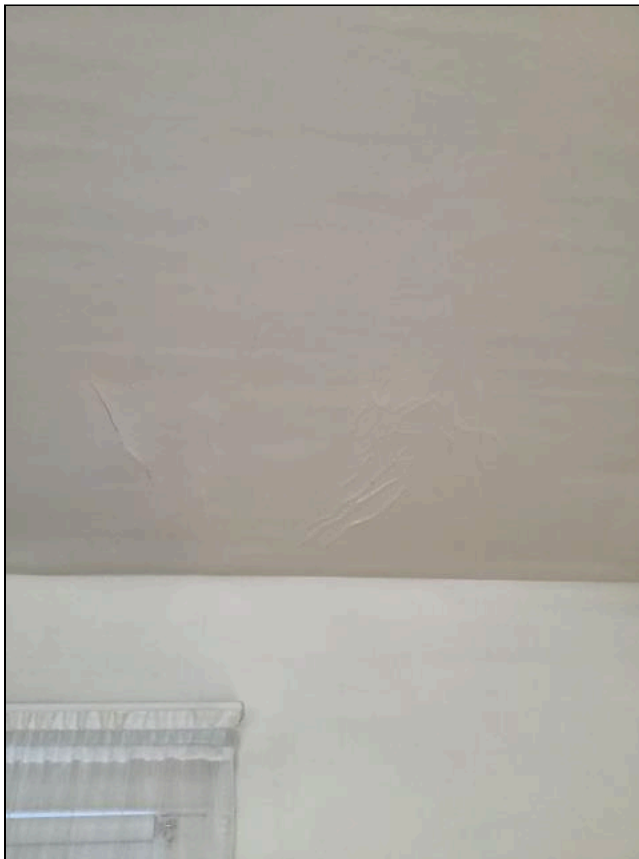
### Items

## 5.0 Ceilings

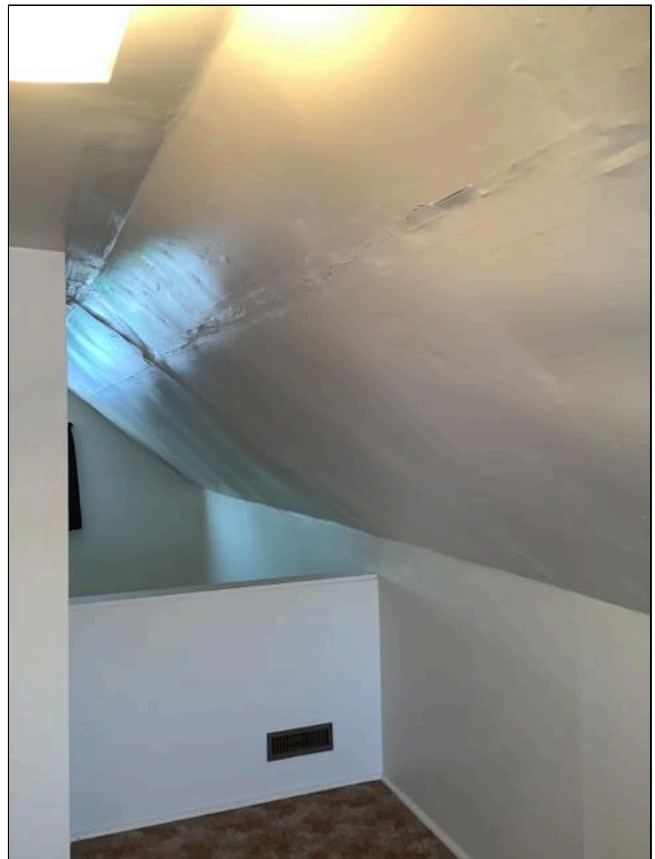
Comments: Inspected

### CEILINGS

The plaster is all wrinkling and cracking and will require repair, plaster also may contain asbestos and should be tested for further verification by a lab.



5.0 Item 1(Picture) Ceiling - plaster wrinkled and cracking, may contain asbestos



5.0 Item 2(Picture) Ceiling - plaster wrinkled and cracking, may contain asbestos





5.0 Item 3(Picture) Ceiling - plaster wrinkled and cracking, may contain asbestos

### 5.1 Walls

Comments: Inspected

**WALLS**

The plaster is all wrinkling and cracking and will require repair, plaster also may contain asbestos and should be tested for further verification by a lab.



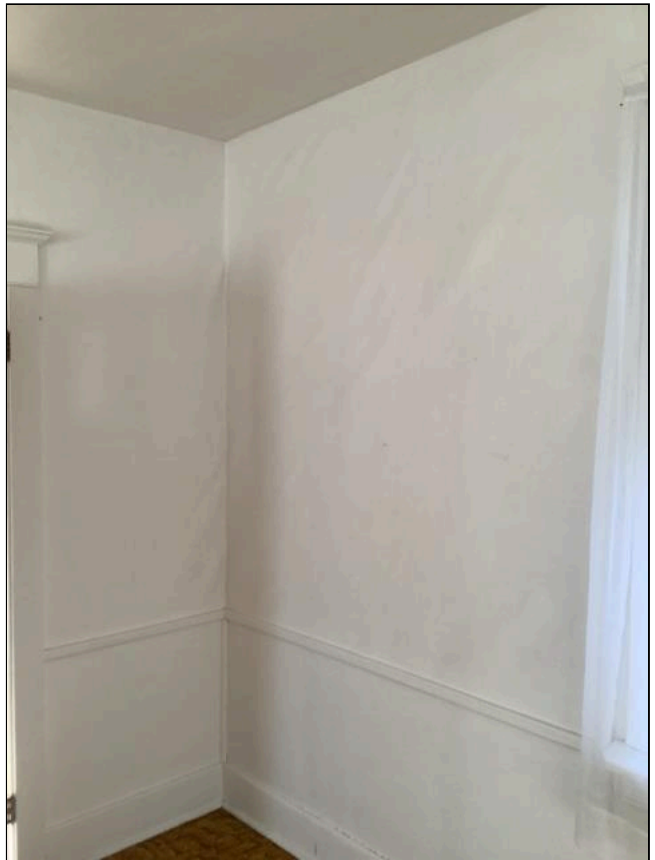
5.1 Item 1(Picture) Interior Walls - plaster wrinkling and cracked, may contain asbestos



5.1 Item 2(Picture) Interior Walls - plaster wrinkling and cracked, may contain asbestos



5.1 Item 3(Picture) Interior Walls - plaster wrinkling and cracked, may contain asbestos



5.1 Item 4(Picture) Interior Walls - plaster wrinkling and cracked, may contain asbestos



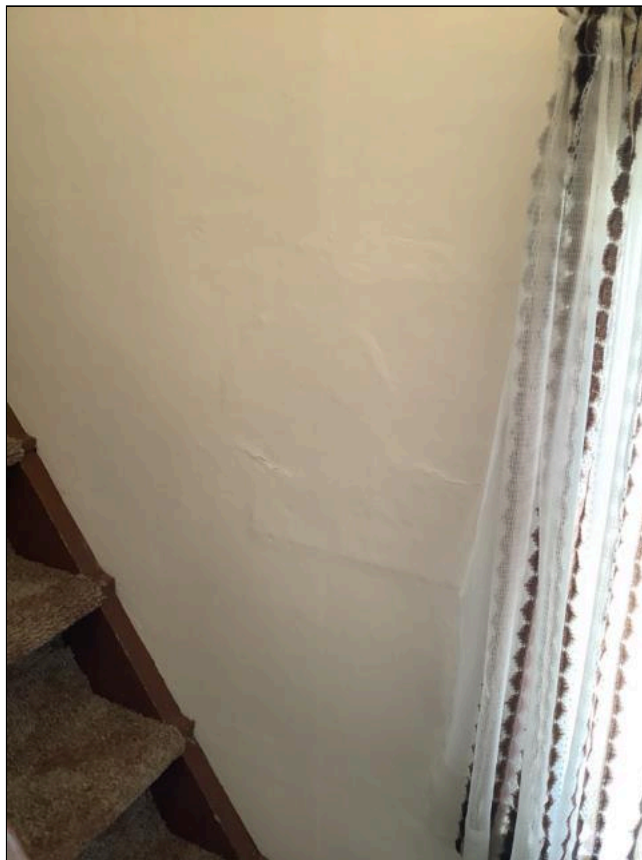
5.1 Item 5(Picture) Interior Walls - plaster wrinkling and cracked, may contain asbestos



5.1 Item 6(Picture) Interior Walls - plaster wrinkling and cracked, may contain asbestos



5.1 Item 7(Picture) Interior Walls - plaster wrinkling and cracked, may contain asbestos



5.1 Item 8(Picture) Interior Walls - plaster wrinkling and cracked, may contain asbestos



5.1 Item 9(Picture) Interior Walls





5.1 Item 10(Picture) Interior Walls



5.1 Item 11(Picture) Interior Walls



5.1 Item 12(Picture) Interior Walls

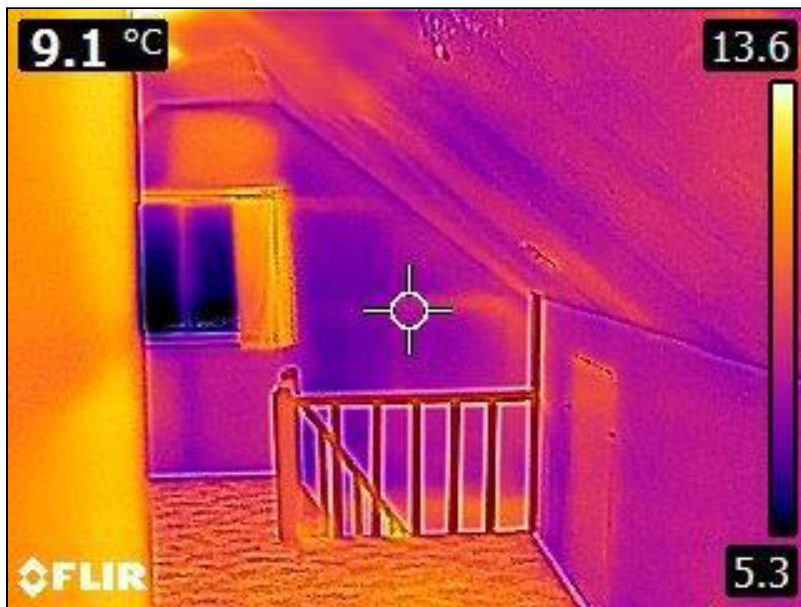


5.1 Item 13(Picture) Interior Walls





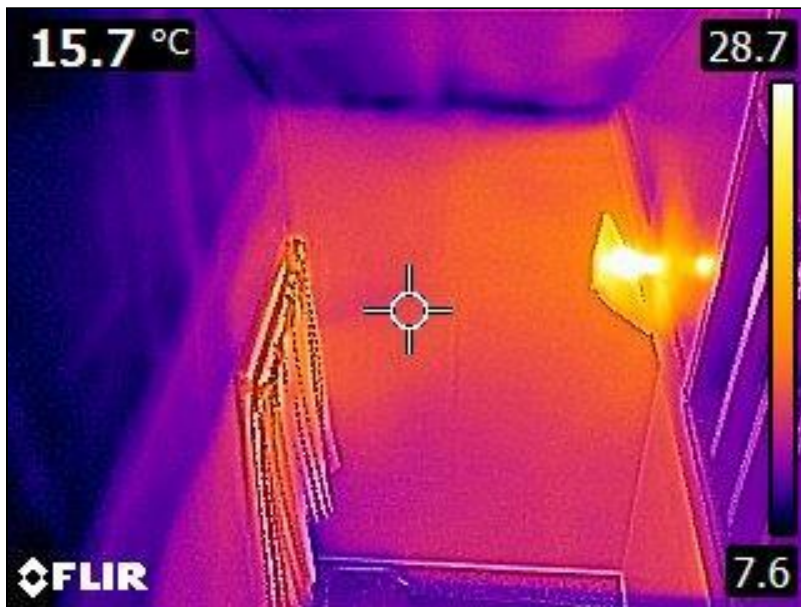
5.1 Item 14(Picture) Interior Walls



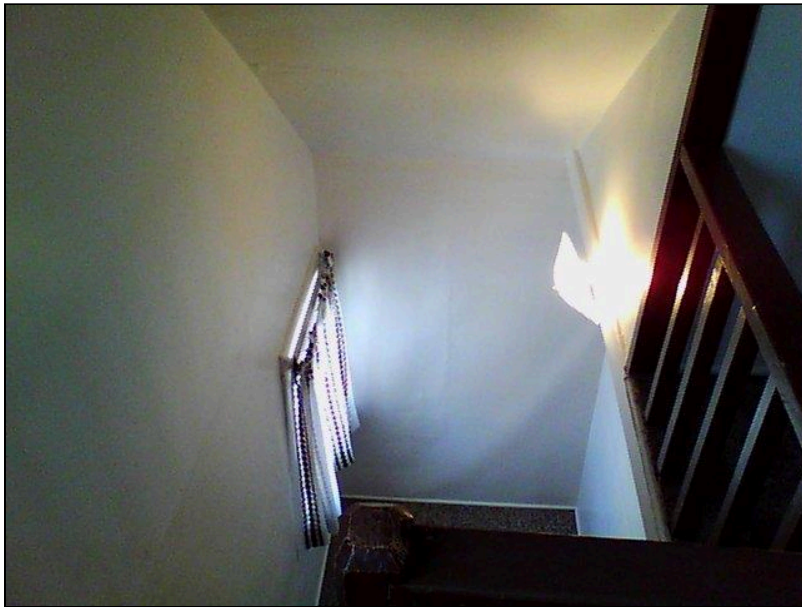
5.1 Item 15(Picture) Interior Walls



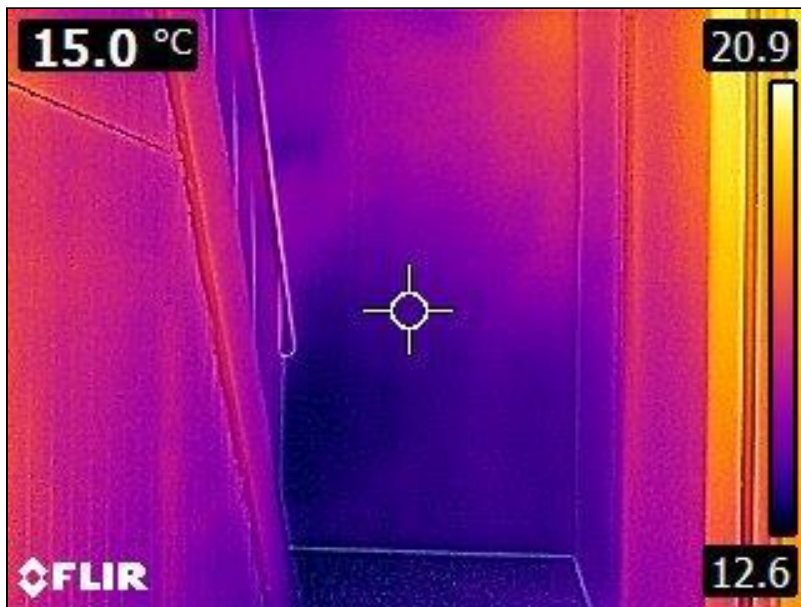
5.1 Item 16(Picture) Interior Walls



5.1 Item 17(Picture) Interior Walls



5.1 Item 18(Picture) Interior Walls

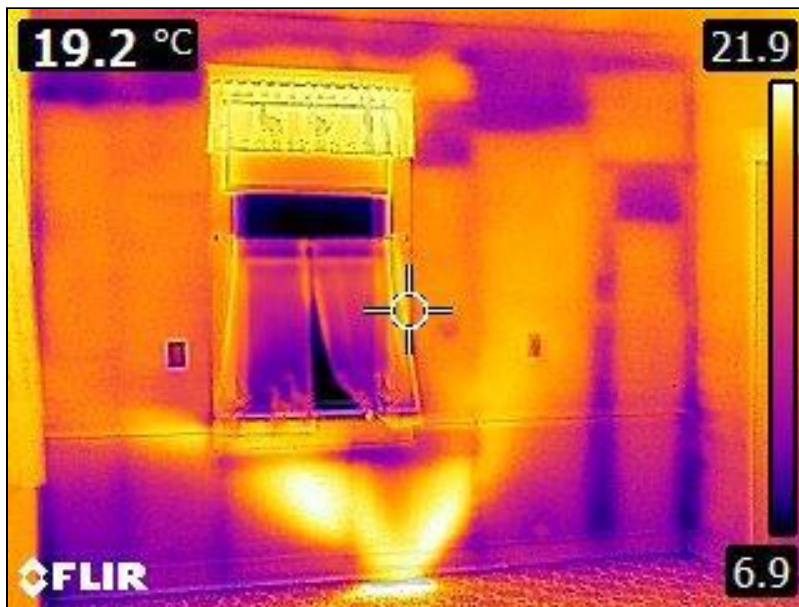


5.1 Item 19(Picture) Interior Walls





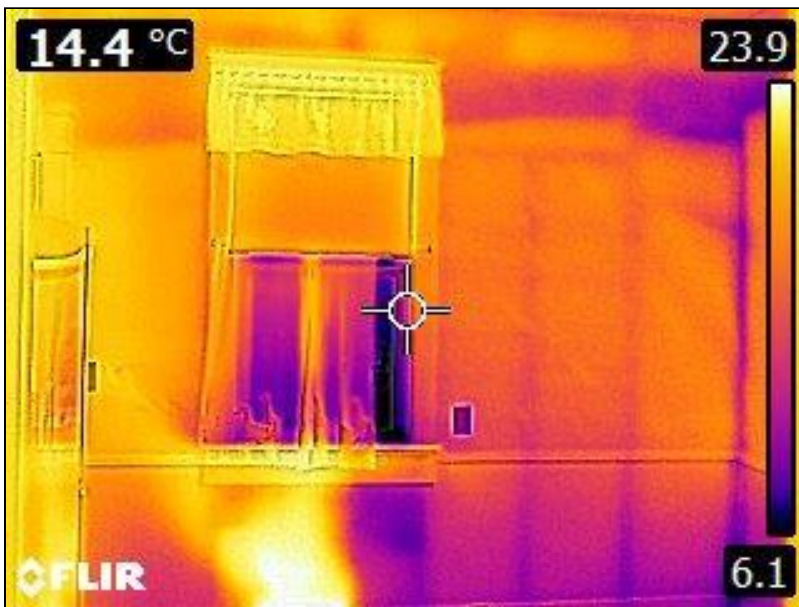
5.1 Item 20(Picture) Interior Walls



5.1 Item 21(Picture) Interior Walls



5.1 Item 22(Picture) Interior Walls



5.1 Item 23(Picture) Interior Walls



5.1 Item 24(Picture) Interior Walls



5.1 Item 25(Picture) Interior Walls





5.1 Item 26(Picture) Interior Walls



5.1 Item 27(Picture) Interior Walls





5.1 Item 28(Picture) Interior Walls



5.1 Item 29(Picture) Interior Walls



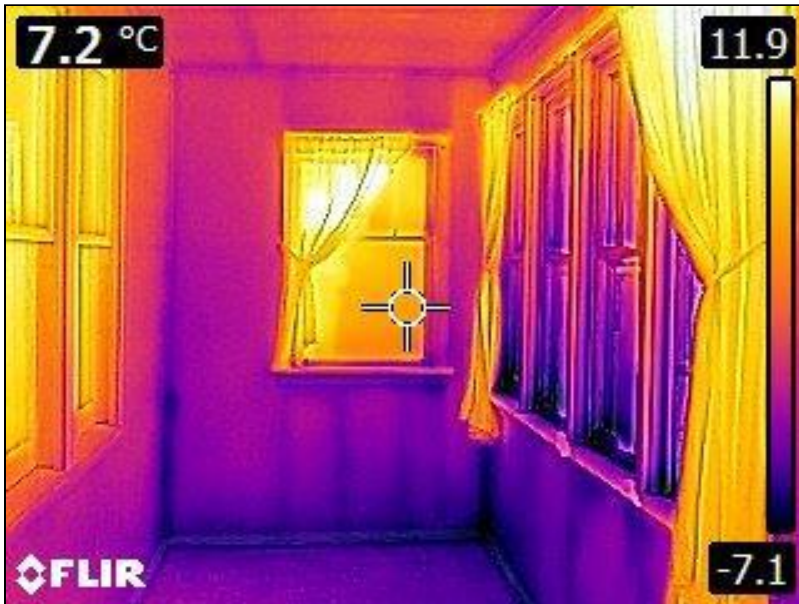
5.1 Item 30(Picture) Interior Walls



5.1 Item 31(Picture) Interior Walls



5.1 Item 32(Picture) Interior Walls

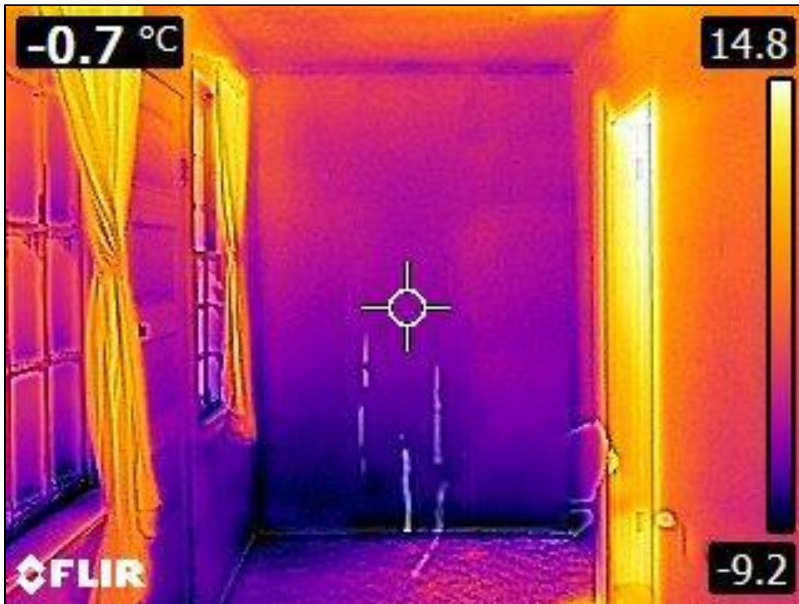


5.1 Item 33(Picture) Interior Walls





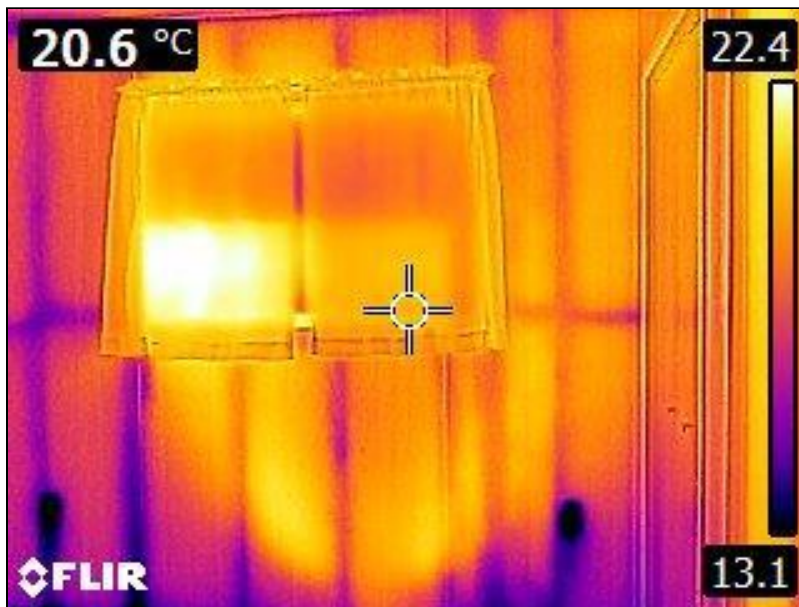
5.1 Item 34(Picture) Interior Walls



5.1 Item 35(Picture) Interior Walls



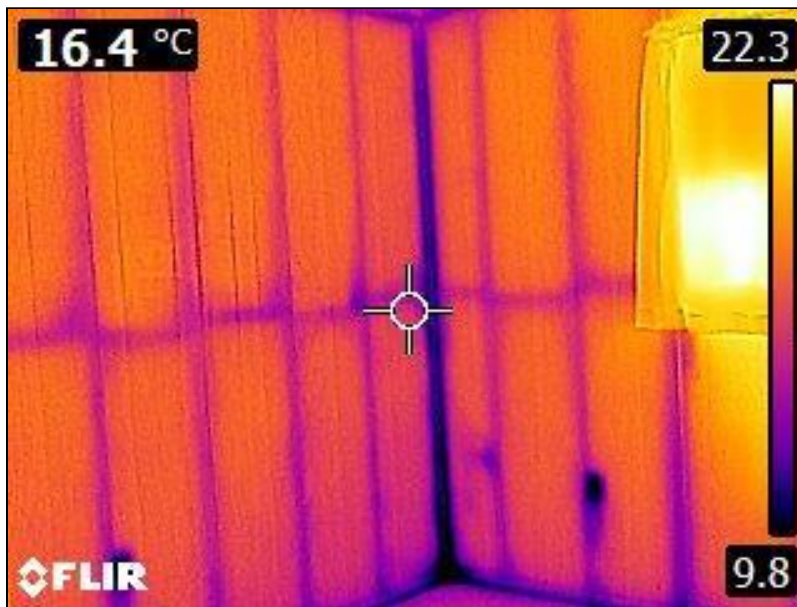
5.1 Item 36(Picture) Interior Walls



5.1 Item 37(Picture) Interior Walls



5.1 Item 38(Picture) Interior Walls



5.1 Item 39(Picture) Interior Walls





5.1 Item 40(Picture) Interior Walls



5.1 Item 41(Picture) Interior Walls





5.1 Item 42(Picture) Interior Walls



5.1 Item 43(Picture) Interior Walls



5.1 Item 44(Picture) Interior Walls

**5.2 Floors**

Comments: Inspected

**FLOORS**

In between the bedroom and bathroom there is a soft spot in the flooring, there is also two heaved areas, one in the kitchen and the other in the living room.



5.2 Item 1(Picture) Bedroom/Bathroom Floor - soft spot



5.2 Item 2(Picture) Floor - heaved





5.2 Item 3(Picture) Floor - heaved

### 5.3 Steps, Stairways, Balconies and Railings

Comments: Inspected

### 5.4 Doors

Comments: Inspected

---

The interior of the home was inspected and reported on with the above information. While the inspector makes every effort to find all areas of concern, some areas can go unnoticed. The inspection did not involve moving furniture and inspecting behind furniture, area rugs or areas obstructed from view. Please be aware that the inspector has your best interest in mind. Any repair items mentioned in this report should be considered before purchase. It is recommended that qualified contractors be used in your further inspection or repair issues as it relates to the comments in this inspection report.

# 7. Basement

Inspection of the basement/crawlspace is limited to a visual review of conditions at time of inspection only. Inspections may be limited due to storage of personal property. Weather conditions, storage of personal property, changing foundation, wall conditions, wall finishes, etc. all contribute to inconclusive predictions of foundation performance. While there may not be visible evidence of water intrusion at time of inspection, the inspector CANNOT warranty this or any basement against water entry. Please note it is not the inspectors responsibility to confirm/check for permits for renovation/changes in the home. The presence of mold in concealed areas of the home does NOT fall within the scope of Home Inspection as it is not visibly accessible. If buyer has concerns about mold due to allergies, or suspects the presence of mold, he/she is advised to consult with a qualified mold inspector or contractor to agree to carry out a more invasive investigation. Air quality testing is a great option to further investigate for mold in concealed areas.

### Styles & Materials

**Foundation:**

Dirt  
Poured concrete

**Method used to observe Crawlspace:**

Crawled

**Floor Structure:**

Wood joists

**Columns or Piers:**

Wood piers

### Items

## 7.0 Foundation

Comments: Inspected

### FOUNDATION

The basement area was dry on day of the inspection. Future conditions cannot be determined as these are changeable with the weather conditions. Recommend obtaining information from seller on any past water/moisture penetration.



7.0 Item 1(Picture) Basement Foundation



7.0 Item 2(Picture) Basement Foundation

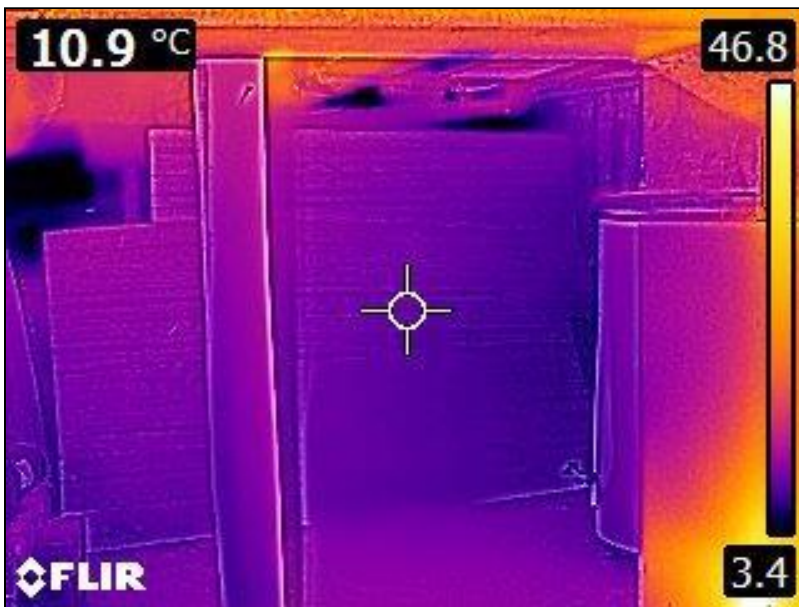


7.0 Item 3(Picture) Basement Foundation





7.0 Item 4(Picture) Basement Foundation



7.0 Item 5(Picture) Basement Foundation





7.0 Item 6(Picture) Basement Foundation

### 7.3 Floors

Comments: Inspected

#### FLOORS

The basement has lots of signs of rodent droppings, recommend that a pest specialist further review and remove as required.



7.3 Item 1(Picture) Basement - signs of rodent droppings

### 7.6 Columns or Piers

Comments: Inspected

**COLUMNS or PIERS**

Never remove support posts without seeking advice from structural engineer.

**7.9 Joists and Beams Condition**

**Comments:** Inspected, Repair or Replace

**JOISTS AND BEAMS**

There are areas in the basement where the joists and beams are notched out and split.

**For Educational Purposes:**

Floor joists are an important part of the supportive structure of a floor. They hold up the weight of a building, absorb impacts on the floor, and create structural support so that the floor will be stable secure. Suggest consulting professional prior to modification.



7.9 Item 1(Picture) Joists and Beams - notched out and split



7.9 Item 2(Picture) Joists and Beams - notched out and split



7.9 Item 3(Picture) Joists and Beams - notched out and split



7.9 Item 4(Picture) Joists and Beams - notched out and split





7.9 Item 5(Picture) Joists and Beams - notched out and split



7.9 Item 6(Picture) Joists and Beams - notched out and split

.....  
The basement, crawlspace or foundation of the home was inspected and reported on with the above information. While the inspector makes every effort to find all areas of concern, some areas can go unnoticed. The inspection did not involve moving furniture and inspecting behind furniture, area rugs or areas obstructed from view. Please be aware that the inspector has your best interest in mind. Any repair items mentioned in this report should be considered before purchase. It is recommended that qualified contractors be used in your further inspection or repair issues as it relates to the comments in this inspection report.

## 9. Bathroom and Components

The home inspector shall observe function of bathroom components, along with a thermal scan for hidden leaks. The inspector cannot be held responsible for future leaks. The home inspection is non-invasive. Moisture cannot be detected behind tiles and other surfaces in wet areas.

### Styles & Materials

#### Floor Covering(s):

Old 9" square tile (possible asbestos)

### Items

#### 9.0 Walls and Ceiling

Comments: Inspected

##### WALLS AND CEILING

All bathroom walls and ceiling were in good condition and dry at time of inspection. (Cosmetic issues are not part of the inspection.)



9.0 Item 1(Picture) Bathroom Walls



9.0 Item 2(Picture) Bathroom Walls



9.0 Item 3(Picture) Bathroom Walls



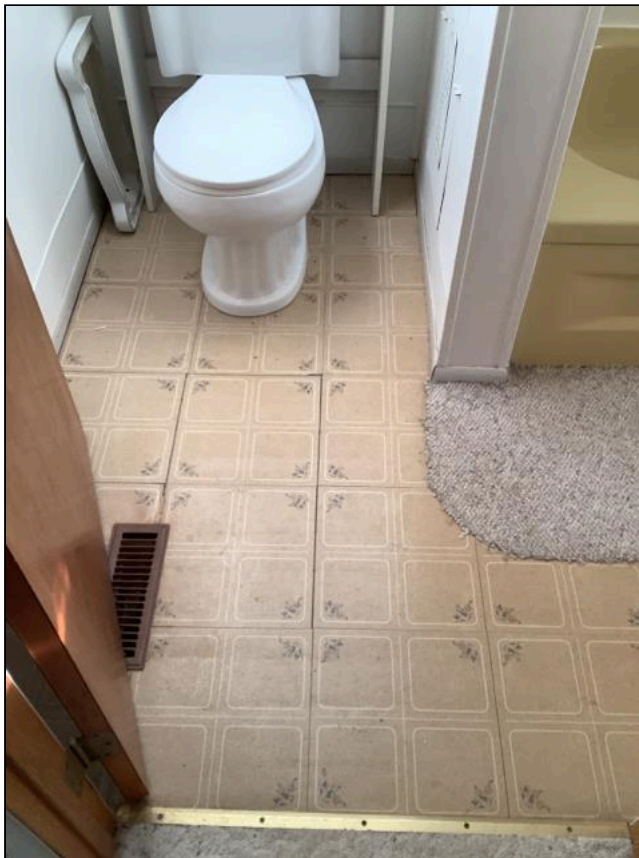
9.0 Item 4(Picture) Bathroom Walls

### 9.1 Floors

Comments: Inspected

**FLOORS**

The main floor bathroom has the old 9" tiles that may contain asbestos and should be further reviewed by a lab to see if they contain asbestos or not.



9.1 Item 1(Picture) Main Floor Bathroom - tiles may contain asbestos

**9.3 Doors**

**Comments:** Inspected

.....  
Please be aware that the inspector has your best interest in mind. Any repair items mentioned in this report should be considered before purchase. It is recommended that qualified contractors be used in your further inspection or repair issues as it relates to the comments in this inspection report.



## General Summary



**Bocc Home Inspections Ltd.**

**Creekside Postal Stn PO Box70036  
 Airdrie AB T4B 0V9  
 (403)585-6279  
 www.Bocclnspections.com**

**Customer**

Town of Drumheller attn: Mark Steffler

**Address**

25 Roper Road - Rosedale  
 Drumheller Alberta T0J 2V0

The following items or discoveries indicate that these systems or components **do not function as intended** or **adversely affects the habitability of the dwelling**; or **warrants further investigation by a specialist**, or **requires subsequent observation**. This summary shall not contain recommendations for routine upkeep of a system or component to keep it in proper functioning condition or recommendations to upgrade or enhance the function or efficiency of the home. This Summary is not the entire report. The complete report may include additional information of concern to the customer. It is recommended that the customer read the complete report.

### 3. Exterior



**3.1 Wall Cladding Flashing and Trim**

**Inspected, Repair or Replace**

**WALL CLADDING FLASHING AND TRIM**

Higher levels of wall clad around the home are only visually inspected from the ground level. Exterior siding requires prep and paint to protect from the elements of nature.



3.1 Item 1(Picture) Exterior - siding requires prep and paint



3.1 Item 2(Picture) Exterior - siding requires prep and paint



3.1 Item 3(Picture) Exterior - siding requires prep and paint



3.1 Item 4(Picture) Exterior - siding requires prep and paint





3.1 Item 5(Picture) Exterior - siding requires prep and paint



3.1 Item 6(Picture) Exterior - siding requires prep and paint



3.1 Item 7(Picture) Exterior - siding requires prep and paint



3.1 Item 8(Picture) Exterior - siding requires prep and paint

## 7. Basement

### 7.9 Joists and Beams Condition

Inspected, Repair or Replace

#### JOISTS AND BEAMS

There are areas in the basement where the joists and beams are notched out and split.

#### For Educational Purposes:

Floor joists are an important part of the supportive structure of a floor. They hold up the weight of a building, absorb impacts on the floor, and create structural support so that the floor will be stable secure. Suggest consulting professional prior to modification.



7.9 Item 1(Picture) Joists and Beams - notched out and split



7.9 Item 2(Picture) Joists and Beams - notched out and split





7.9 Item 3(Picture) Joists and Beams - notched out and split



7.9 Item 4(Picture) Joists and Beams - notched out and split



7.9 Item 5(Picture) Joists and Beams - notched out and split



7.9 Item 6(Picture) Joists and Beams - notched out and split

---

Home inspectors are not required to report on the following: Life expectancy of any component or system; The causes of the need for a repair; The methods, materials, and costs of corrections; The suitability of the property for any specialized use; Compliance or non-compliance with codes, ordinances, statutes, regulatory requirements or restrictions; The market value of the property or its marketability; The advisability or inadvisability of purchase of the property; Any component or system that was not observed; The presence or absence of pests such as wood damaging organisms, rodents, or insects; or Cosmetic items, underground items, or items not permanently installed. Home inspectors are not required to: Offer warranties or guarantees of any kind; Calculate the strength, adequacy, or efficiency of any system or component; Enter any area or perform any procedure that may damage the property or its components or be dangerous to the home inspector or other persons; Operate any system or component that is shut down or otherwise inoperable; Operate any system or component that does not respond to normal operating controls; Disturb insulation, move personal items, panels, furniture, equipment, plant life, soil, snow, ice, or debris that obstructs access or visibility; Determine the presence or absence of any suspected adverse environmental condition or hazardous substance, including but not limited to mold, toxins, carcinogens, noise, contaminants in the building or in soil, water, and air; Determine the effectiveness of any system installed to control or remove suspected hazardous substances; Predict future condition, including but not limited to failure of components; Since this report is provided for the specific benefit of the customer(s), secondary readers of this information should hire a licensed inspector to perform an inspection to meet their specific needs and to obtain current information concerning this property.

*Prepared Using HomeGauge <http://www.HomeGauge.com> : Licensed To Adam Boccinfuso*

# BOCC



**Bocc Home Inspections Ltd.**  
**Creekside Postal Stn PO Box70036**  
**Airdrie AB T4B 0V9**  
**(403)585-6279**  
**www.BoccInspections.com**  
**Inspected By: Adam Boccinfuso**

**Inspection Date: 12/16/2021**  
**Report ID: 25 Roper Road - Rosedale**

<b>Customer Info:</b>	<b>Inspection Property:</b>
Town of Drumheller attn: Mark Steffler	25 Roper Road - Rosedale Drumheller Alberta T0J 2V0
<b>Customer's Real Estate Professional:</b>	

**Inspection Fee:**

Service	Price	Amount	Sub-Total
Custom - Home Inspection	250.00	1	250.00
			<b>Tax \$12.50</b>
			<b>Total Price \$262.50</b>

**Payment Method:** Cash, cheque, e-transfer (Send to: [payment@boccinspections.com](mailto:payment@boccinspections.com)), or credit card (2.5% surcharge applies).

**Payment Status:** Due at Time of Inspection

**Note:**





### **What to Expect From a Home Inspection**

Purchasing a home is a large investment for many Canadians. It is so important to familiarize yourself with all the activities related to buying a house so that you are making an informed choice. Many people get a home inspection done as part of their buying decision.

#### **So what can you expect from a home inspection?**

Typically inspections take 2 to 3 hours to complete. They are visual inspections which means the inspector is not expected to displace flooring and tiling, or check water or air samples. An inspector cannot look through walls or predict future performance or estimated life spans on a home.

#### **After the home inspection is completed?**

When the inspector has completed the examination of your potential home, you should receive a written report which outlines the findings from the inspection. If you have questions about the report, it is important to speak with the inspector to clarify the findings.

It is a good idea to read through the association's [standards](#) and [code of ethics](#) to help you understand precisely what to expect from your inspection.

#### **Generally Speaking**

Reports should describe the major home systems, their crucial components, and their operability. Deficiencies and defects should be adequately described, and the report should include recommendations.

Reports should also disclaim portions of the home not inspected.

**INDUSTRY STANDARDS OF PRACTICE ARE DESIGNED TO IDENTIFY BOTH THE REQUIREMENTS OF A HOME INSPECTION AND THE LIMITATIONS OF AN INSPECTION.**

The client is strongly advised to clarify anything that they don't understand.

#### **INSPECTION CONTRACT**

**Address to be inspected:** 25 Roper Road - Rosedale  
Drumheller Alberta T0J 2V0

**Inspection Date:** 12/16/2021 **Time Start:** 09:30 AM

**Client(s) Name(s):** Town of Drumheller attn: Mark Steffler

**Mailing Address: Town/City: Postal Code:**

**Phone #: (H) (C)** (403) 660-3507

**Client E-mail Address:** msteffler@drumheller.ca

**Client UserName:** TDrumhellerattnMarkSte286

I/We, the above named client(s) request an inspection of the inspection address above. The inspection is to be performed by the below inspection company (firm) in accordance with the InterNACHI Standards of Practice which includes roofing, flashing or chimney; exterior, including lot grading, walkways, driveways, retaining walls, patios and decks; structure; electrical; heating; heat pumps and cooling; insulation; ventilation; plumbing; and interior.

It is important for the client(s) to understand that the inspection is based on the limited visual inspection of the readily accessible aspects of the building. The report is representative of the inspector's opinion of the observable conditions on the day of the inspection. While the inspection may reduce your risks of home ownership, it is not an insurance policy, warranty or guarantee on the home. This report is for the exclusive use of the contracted parties and may not be used by third parties without prior written permission from the inspector/inspection firm. Also, this inspection does not include any inspection of any outbuildings or other structures not attached to the dwelling other than a garage or carport, unless otherwise agreed upon.

**BY SIGNING THIS AGREEMENT YOU ARE ACKNOWLEDGING THAT YOU UNDERSTAND THIS INSPECTION WILL NOT BE TESTING FOR MOLD OR ASBESTOS UNLESS OTHERWISE INDICATED IN OTHER WRITINGS.**

I/we have read, understand and accept the terms and conditions as outlined here and on the page entitled " What To Expect From Your Inspection."

**Inspection Company:** Bocc Home Inspections Ltd.  
Creekside Postal Stn PO Box 70036 Airdrie AB T4B 0V6 (403) 585-6279

**Inspectors Name:** Adam Boccinfuso **Inspectors License:** License# 342384

If applicable, CLIENT agrees that all or a portion of the inspection will be performed by the above named Inspection Business.

The Client(s) and Inspector(s), by signing below, agree, to have read, understand and accept the terms and contract.

\_\_\_\_\_ Town of Drumheller attn: Mark Steffler 12/16/2021

Clients(s) Representative Signature

\_\_\_\_\_Adam Boccinfuso 12/16/2021

Inspector Signature

**Total Fee for Inspection: 262.50**

**Payment Method:** Cash, cheque, e-transfer (Send to: [payment@boccinspections.com](mailto:payment@boccinspections.com)), or credit card (2.5% surcharge applies).

**Payment Status:** Due at Time of Inspection

The home inspection business shall provide the client with a copy of this contract at the time the contract is signed.

THIS AGREEMENT made on 12/16/2021 by and between Adam Boccinfuso (Hereinafter "INSPECTOR") and the undersigned (hereinafter "CLIENT"), collectively referred to herein as "the parties." The Parties Understand and Voluntarily Agree as follows:

1. INSPECTOR agrees to perform a visual inspection of the home/building and to provide CLIENT with a written inspection report identifying the defects that INSPECTOR both observed and deemed material. INSPECTOR may offer comments as a courtesy, but these comments will not comprise the bargained-for report. The report is only supplementary to the seller's disclosure.
  
  2. Unless otherwise inconsistent with this Agreement or not possible, INSPECTOR agrees to perform the inspection in accordance to the current Standards of Practice of the National Association of Certified Home Inspectors posted at <http://www.nachi.org/sop.htm>. CLIENT understands that these standards contain certain limitations, exceptions, and exclusions.
  
  3. The inspection and report are performed and prepared for the use of CLIENT, who gives INSPECTOR permission to discuss observations with real estate agents, owners, repairpersons, and other interested parties. INSPECTOR accepts no responsibility for use or misinterpretation by third parties. INSPECTOR'S inspection of the property and the accompanying report are in no way intended to be a guarantee or warranty, express or implied, regarding the future use, operability, habitability or suitability of the home/building or its components. Any and all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, are expressly excluded by this Agreement.
  
  4. Except under circumstances of negligence or breach of contract on the part of the home inspection business or the home inspector, INSPECTOR assumes no liability for the cost of repair or replacement of unreported defects or deficiencies either current or arising in the future.
  
  5. INSPECTOR does not perform engineering, architectural, plumbing, or any other job function requiring an occupational license in the jurisdiction where the inspection is taking place, unless the inspector holds a valid occupational license, in which case he/she may inform the CLIENT that he/she is so licensed, and is therefore qualified to go beyond this basic home inspection, and for additional fee, perform additional inspections beyond those within the scope of the basic home inspection. Any agreement for such additional inspections shall be in a separate writing or noted here:
- 

6. In the event of a claim against INSPECTOR, CLIENT agrees to supply INSPECTOR with the

following: (1) Written notification of adverse conditions within 14 days of discovery, and (2) Access to the premises. Failure to comply with the above conditions will release INSPECTOR and its agents from any and all obligations or liability of any kind. This clause is not intended in any way to limit the time for CLIENT to make a claim against the home inspection business or home inspector but rather, is intended to provide for timely discovery and disclosure of the adverse conditions which will permit the home inspector to facilitate a timely resolution to the issue.

7. The parties agree that any litigation arising out of this Agreement shall be filed only in the Court having jurisdiction over the City of Airdrie in which the INSPECTOR has its principal place of business. In the event that CLIENT fails to prove any adverse claims against INSPECTOR in a court of law, CLIENT agrees to pay all expenses and fees of INSPECTOR in defending said claims, including legal costs on a solicitor-client basis.

8. If any court declares any provision of this Agreement invalid or unenforceable, the remaining provisions will remain in effect. This Agreement represents the entire agreement between the parties. All prior communications are merged into this Agreement, and there are no terms or conditions other than those set forth herein. No statement or promise of INSPECTOR or its agents shall be binding unless reduced to writing and signed by INSPECTOR. No change or modification shall be enforceable against any party unless such change or modification is in writing and signed by the parties. This Agreement shall be binding upon and enforceable by the parties and their heirs, executors, administrators, successors and assignees. CLIENT shall have no cause of action against INSPECTOR after one year from the date of the inspection.

9. Payment of the fee to INSPECTOR (less any deposit noted above) is due upon completion of the on-site inspection. The CLIENT agrees to pay all legal and time expenses incurred in collecting due payments, including solicitor-client costs, if any. If CLIENT is a corporation, LLC, or similar entity, the person signing this Agreement on behalf of such entity does personally guaranty payment of the fee by the entity.

10. HOLD HARMLESS AGREEMENT: CLIENT agrees to hold any and all real estate agents involved in the purchase of the property to be inspected harmless and keep them exonerated from all loss, damage, liability or expense occasioned or claims by reason of acts or neglects of the INSPECTOR or his employees or visitors or of independent contractors engaged or paid by INSPECTOR for the purpose of inspecting the subject home.

11. PRIVACY POLICY: In providing the property inspection and inspection report, information about the client, inspector, real estate professional, and property will be collected and input into HomeGauge inspection software and services, which the inspector uses to produce the inspection report. This information may include personally identifiable information about the client, inspector, and real estate professional. This information may subsequently be used by the provider of HomeGauge, as set out in the HomeGauge Privacy Policy found at <https://www.HomeGauge.com/privacy.html>.

12. CANCELLATION FEE: We understand sometimes unforeseen circumstances arise. We ask that you please provide as much notice as possible when cancelling or rescheduling. CLIENT agrees to pay a cancellation fee of fifty percent of the total cost of services if the inspection is cancelled with less than twenty-four hours' notice.

CLIENT HAS CAREFULLY READ THE FOREGOING, AGREES TO IT, AND ACKNOWLEDGES  
RECEIPT OF A COPY OF THIS AGREEMENT.

---

FOR INSPECTOR

---

CLIENT OR REPRESENTATIVE

# BOCC

HOME  
INSPECTION



## Inspection Report

**Town of Drumheller attn: Mark Steffler**

**Property Address:**  
109 4 St W - Lehigh  
Drumheller Alberta T0J 0Y3



109 4 St W - Lehigh

**Bocc Home Inspections Ltd.**

**Adam Boccinfuso License# 342384  
Creekside Postal Stn PO Box70036**

**Airdrie AB T4B 0V9  
(403)585-6279  
www.Bocclnspections.com**



## Table of Contents

<a href="#">Cover Page.....</a>	<a href="#">1</a>
<a href="#">Table of Contents.....</a>	<a href="#">3</a>
<a href="#">Intro Page.....</a>	<a href="#">4</a>
<a href="#">1 Roofing.....</a>	<a href="#">5</a>
<a href="#">3 Exterior.....</a>	<a href="#">8</a>
<a href="#">4 Garage.....</a>	<a href="#">16</a>
<a href="#">General Summary.....</a>	<a href="#">18</a>
<a href="#">Invoice.....</a>	<a href="#">25</a>
<a href="#">Agreement.....</a>	<a href="#">26</a>

<b>Date:</b> 12/16/2021	<b>Time:</b> 09:30 AM	<b>Report ID:</b> 109 4 St W - Lehigh
<b>Property:</b> 109 4 St W - Lehigh Drumheller Alberta T0J 0Y3	<b>Customer:</b> Town of Drumheller attn: Mark Steffler	<b>Real Estate Professional:</b>

### Comment Key or Definitions

The following definitions of comment descriptions represent this inspection report. All comments by the inspector should be considered before purchasing this home. Any recommendations by the inspector to repair or replace suggests a second opinion or further inspection by a qualified contractor. All costs associated with further inspection fees and repair or replacement of item, component or unit should be considered before you purchase the property.

**Inspected (IN)** = I visually observed the item, component or unit and if no other comments were made then it appeared to be functioning as intended allowing for normal wear and tear.

**Not Inspected (NI)** = I did not inspect this item, component or unit and made no representations of whether or not it was functioning as intended and will state a reason for not inspecting.

**Not Present (NP)** = This item, component or unit is not in this home or building.

**Repair or Replace (RR)** = The item, component or unit is not functioning as intended, or needs further inspection by a qualified contractor. Items, components or units that can be repaired to satisfactory condition may not need replacement.

**In Attendance:**

Vacant (inspector only)

**Type of building:**

Bungalow

**Temperature:**

-27 (C)

**Weather:**

Sunny

**Ground/Soil surface condition:**

Frozen

**Rain in last 3 days:**

No

**Radon Test:**

No

**Water Test:**

No

# 1. Roofing

The home inspector shall observe: Roof covering; Roof drainage systems; Flashings; Skylights, chimneys, and roof penetrations; and Signs of leaks or abnormal condensation on building components. The home inspector shall: Describe the type of roof covering materials; and Report the methods used to observe the roofing. The home inspector is not required to: Walk on the roofing; or Observe attached accessories including but not limited to solar systems, antennae, and lightning arrestors. **We do not give an estimation of life span.**

CONDOMINIUMS: The roof is the responsibility of the Condominium Owners Association and is subject to the Association By-Laws, rules and assessments. We recommend obtaining and reviewing the By-Laws, financial statements, the most recent reserve study and minutes of the meetings of the Association, prior to close.

### Styles & Materials

**Roof Covering:**

Asphalt/Fiberglass

**Viewed roof covering from:**

Ground  
Binoculars

**Sky Light(s):**

None

**Chimney (exterior):**

Metal Flue Pipe

**Roof Structure:**

Not visible

### Items

#### 1.0 Roof Coverings

Comments: Inspected

#### ROOF COVERINGS

Roof was limited to a visual inspection with the use of binoculars as it was covered in snow, no issues to report from what was seen.



1.0 Item 1(Picture) Roof



1.0 Item 2(Picture) Roof

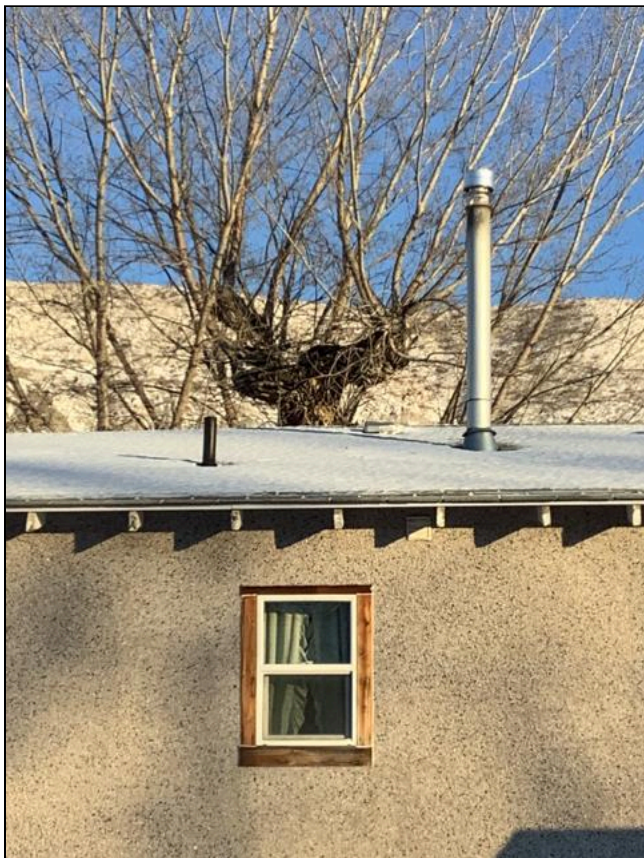




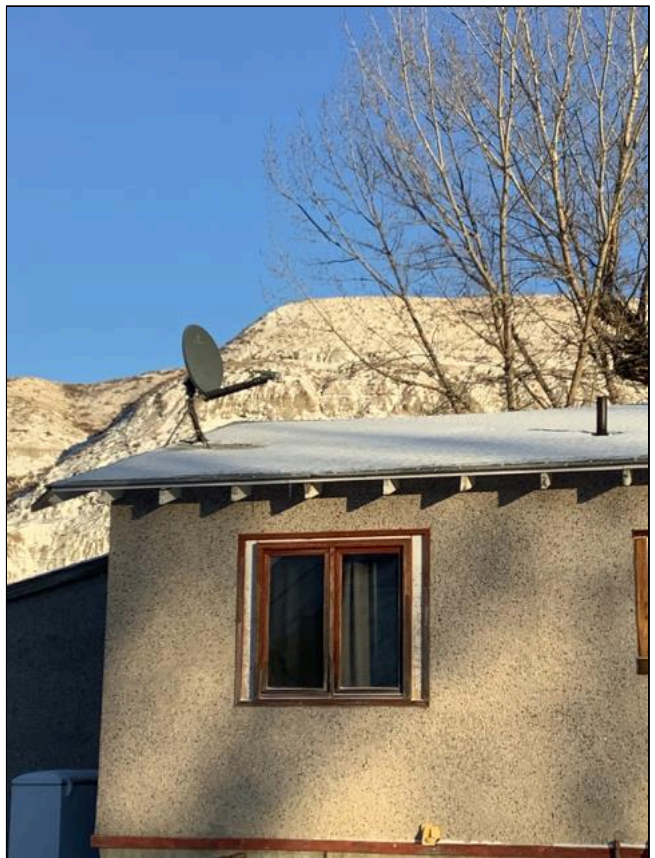
1.0 Item 3(Picture) Roof



1.0 Item 4(Picture) Roof



1.0 Item 5(Picture) Roof



1.0 Item 6(Picture) Roof

**1.1 Flashings**

Comments: Inspected

**ROOF FLASHINGS**

Flashing is fitted correctly and in serviceable condition where visible.

**1.2 Skylights**

Comments: Not Present

**1.3 Chimneys**

Comments: Inspected

**1.4 Roof Penetrations**

Comments: Inspected

---

The roof of the home was inspected and reported on with the above information. While the inspector makes every effort to find all areas of concern, some areas can go unnoticed. Roof coverings and skylights can appear to be leak proof during inspection and weather conditions. Our inspection makes an attempt to find a leak but sometimes cannot. Please be aware that the inspector has your best interest in mind. Any repair items mentioned in this report should be considered before purchase. It is recommended that qualified contractors be used in your further inspection or repair issues as it relates to the comments in this inspection report. **We do not give an estimation of life span.**

### 3. Exterior



The home inspector shall observe: Wall cladding, flashings, and trim; Entryway doors and a representative number of windows; Garage door operators; Decks, balconies, stoops, steps, areaways, porches and applicable railings; Eaves, soffits, and fascias; and Vegetation, grading, drainage, driveways, patios, walkways, and retaining walls with respect to their effect on the condition of the building. The home inspector shall: Describe wall cladding materials; Operate all entryway doors and a representative number of windows; Operate garage doors manually or by using permanently installed controls for any garage door operator; Report whether or not any garage door operator will automatically reverse or stop when meeting reasonable resistance during closing; and Probe exterior wood components where deterioration is suspected. The home inspector is not required to observe: Storm windows, storm doors, screening, shutters, awnings, and similar seasonal accessories; Fences; Presence of safety glazing in doors and windows; Garage door operator remote control transmitters; Geological conditions; Soil conditions; Recreational facilities (including spas, saunas, steam baths, swimming pools, tennis courts, playground equipment, and other exercise, entertainment, or athletic facilities); Detached buildings or structures; or Presence or condition of buried fuel storage tanks. The home inspector is not required to: Move personal items, panels, furniture, equipment, plant life, soil, snow, ice or debris that obstructs access or visibility.

#### Styles & Materials

**Siding Style:**

Pebble dash

**Siding Material:**

Wood

**Exterior Entry Doors:**

Steel

#### Items

### 3.0 Exterior Foundation

Comments: Inspected

### 3.1 Wall Cladding Flashing and Trim

Comments: Inspected, Repair or Replace



**WALL CLADDING FLASHING AND TRIM**

Higher levels of wall clad around the home are only visually inspected from the ground level. The exterior of the main house was only inspected as the property was inaccessible at the time of the inspection, the pebble dash exterior may contain asbestos so I recommend testing for further verification. The two outbuildings are aged as well and the structure demo is recommended.



3.1 Item 1(Picture) Exterior - pebble dash may contain asbestos



3.1 Item 2(Picture) Exterior - pebble dash may contain asbestos





3.1 Item 3(Picture) Exterior - pebble dash may contain asbestos



3.1 Item 4(Picture) Exterior - pebble dash may contain asbestos



3.1 Item 5(Picture) Exterior - pebble dash may contain asbestos



3.1 Item 6(Picture) Exterior - pebble dash may contain asbestos





3.1 Item 7(Picture) Outbuilding - aged, structure demo recommended



3.1 Item 8(Picture) Outbuilding - aged, structure demo recommended



3.1 Item 9(Picture) Outbuilding - aged, structure demo recommended



3.1 Item 10(Picture) Outbuilding - aged, structure demo recommended





3.1 Item 11(Picture) Outbuilding - aged, structure demo recommended



3.1 Item 12(Picture) Outbuilding - aged, structure demo recommended



3.1 Item 13(Picture) Outbuilding - aged, structure demo recommended



3.1 Item 14(Picture) Outbuilding - aged, structure demo recommended

**3.2 Doors (Exterior)**

Comments: Inspected

**3.3 Exterior Parging**

Comments: Inspected

**3.4 Windows/Frame**

Comments: Inspected

**3.15 Eaves, Soffits and Fascias**

Comments: Inspected

---

The exterior of the home was inspected and reported on with the above information. While the inspector makes every effort to find all areas of concern, some areas can go unnoticed. Please be aware that the inspector has your best interest in mind. Any repair items mentioned in this report should be considered before purchase. It is recommended that qualified contractors be used in your further inspection or repair issues as it relates to the comments in this inspection report.



## 4. Garage

*Items*

### 4.4 Garage Clading, Flashing and Trim

Comments: Inspected, Repair or Replace

#### **GARAGE CLADING, FLASHING AND TRIM**

The exterior of the garage is damaged from the flood and the integrity could be compromised, demo is recommended.



4.4 Item 1(Picture) Garage Exterior - damaged from flood, demo recommended



4.4 Item 2(Picture) Garage Exterior - damaged from flood, demo recommended





4.4 Item 3(Picture) Garage Exterior - damaged from flood, demo recommended

**4.6 Garage Walls (including Firewall Separation)**

Comments: Inspected

## General Summary



**Bocc Home Inspections Ltd.**

**Creekside Postal Stn PO Box70036  
Airdrie AB T4B 0V9  
(403)585-6279  
www.Bocclnspections.com**

**Customer**

Town of Drumheller attn: Mark Steffler

**Address**

109 4 St W - Lehigh  
Drumheller Alberta T0J 0Y3

The following items or discoveries indicate that these systems or components **do not function as intended** or **adversely affects the habitability of the dwelling**; or **warrants further investigation by a specialist**, or **requires subsequent observation**. This summary shall not contain recommendations for routine upkeep of a system or component to keep it in proper functioning condition or recommendations to upgrade or enhance the function or efficiency of the home. This Summary is not the entire report. The complete report may include additional information of concern to the customer. It is recommended that the customer read the complete report.

### 3. Exterior



#### 3.1 Wall Cladding Flashing and Trim

**Inspected, Repair or Replace**

##### **WALL CLADDING FLASHING AND TRIM**

Higher levels of wall clad around the home are only visually inspected from the ground level. The exterior of the main house was only inspected as the property was inaccessible at the time of the inspection, the pebble dash exterior may contain asbestos so I recommend testing for further verification. The two outbuildings are aged as well and the structure demo is recommended.





3.1 Item 1(Picture) Exterior - pebble dash may contain asbestos



3.1 Item 2(Picture) Exterior - pebble dash may contain asbestos



3.1 Item 3(Picture) Exterior - pebble dash may contain asbestos



3.1 Item 4(Picture) Exterior - pebble dash may contain asbestos





3.1 Item 5(Picture) Exterior - pebble dash may contain asbestos



3.1 Item 6(Picture) Exterior - pebble dash may contain asbestos



3.1 Item 7(Picture) Outbuilding - aged, structure demo recommended



3.1 Item 8(Picture) Outbuilding - aged, structure demo recommended





3.1 Item 9(Picture) Outbuilding - aged, structure demo recommended



3.1 Item 10(Picture) Outbuilding - aged, structure demo recommended



3.1 Item 11(Picture) Outbuilding - aged, structure demo recommended



3.1 Item 12(Picture) Outbuilding - aged, structure demo recommended





3.1 Item 13(Picture) Outbuilding - aged, structure demo recommended



3.1 Item 14(Picture) Outbuilding - aged, structure demo recommended

---

## 4. Garage

### 4.4 Garage Clading, Flashing and Trim

**Inspected, Repair or Replace**

#### **GARAGE CLADING, FLASHING AND TRIM**

The exterior of the garage is damaged from the flood and the integrity could be compromised, demo is recommended.





4.4 Item 1(Picture) Garage Exterior - damaged from flood, demo recommended



4.4 Item 2(Picture) Garage Exterior - damaged from flood, demo recommended



4.4 Item 3(Picture) Garage Exterior - damaged from flood, demo recommended

---

Home inspectors are not required to report on the following: Life expectancy of any component or system; The causes of the need for a repair; The methods, materials, and costs of corrections; The suitability of the property for any specialized use; Compliance or non-compliance with codes, ordinances, statutes, regulatory requirements or restrictions; The market value of the property or its marketability; The advisability or inadvisability of purchase of the property; Any component or system that was not observed; The presence or absence of pests such as wood damaging organisms, rodents, or insects; or Cosmetic items, underground items, or items not permanently installed. Home inspectors are not required to: Offer warranties or guarantees of any kind; Calculate the strength, adequacy, or efficiency of any system or component; Enter any area or perform any procedure that may damage the property or its components or be dangerous to the home inspector or other persons; Operate any system or component that is shut down or otherwise inoperable; Operate any system or component that does not respond to normal operating controls; Disturb insulation, move personal items, panels, furniture, equipment, plant life, soil, snow, ice, or debris that obstructs access or visibility; Determine the presence or absence of any suspected adverse environmental condition or hazardous substance, including but not limited to mold, toxins, carcinogens, noise, contaminants in the building or in soil, water, and air; Determine the effectiveness of any system installed to control or remove suspected hazardous substances; Predict future condition, including but not limited to failure of components; Since this report is provided for the specific benefit of the customer(s), secondary readers of this information should hire a licensed inspector to perform an inspection to meet their specific needs and to obtain current information concerning this property.

*Prepared Using HomeGauge <http://www.HomeGauge.com> : Licensed To Adam Boccinfuso*

# BOCC



**Bocc Home Inspections Ltd.**  
**Creekside Postal Stn PO Box70036**  
**Airdrie AB T4B 0V9**  
**(403)585-6279**  
**www.BoccInspections.com**  
**Inspected By: Adam Boccinfuso**

**Inspection Date: 12/16/2021**  
**Report ID: 109 4 St W - Lehigh**

<b>Customer Info:</b>	<b>Inspection Property:</b>
Town of Drumheller attn: Mark Steffler	109 4 St W - Lehigh Drumheller Alberta T0J 0Y3
<b>Customer's Real Estate Professional:</b>	

**Inspection Fee:**

Service	Price	Amount	Sub-Total
Custom - Home Inspection	250.00	1	250.00
			<b>Tax \$12.50</b>
			<b>Total Price \$262.50</b>

**Payment Method:** Cash, cheque, e-transfer (Send to: [payment@boccinspections.com](mailto:payment@boccinspections.com)), or credit card (2.5% surcharge applies).

**Payment Status:** Due at Time of Inspection

**Note:**



### What to Expect From a Home Inspection

Purchasing a home is a large investment for many Canadians. It is so important to familiarize yourself with all the activities related to buying a house so that you are making an informed choice. Many people get a home inspection done as part of their buying decision.

#### So what can you expect from a home inspection?

Typically inspections take 2 to 3 hours to complete. They are visual inspections which means the inspector is not expected to displace flooring and tiling, or check water or air samples. An inspector cannot look through walls or predict future performance or estimated life spans on a home.

#### After the home inspection is completed?

When the inspector has completed the examination of your potential home, you should receive a written report which outlines the findings from the inspection. If you have questions about the report, it is important to speak with the inspector to clarify the findings.

It is a good idea to read through the association's [standards](#) and [code of ethics](#) to help you understand precisely what to expect from your inspection.

#### Generally Speaking

Reports should describe the major home systems, their crucial components, and their operability. Deficiencies and defects should be adequately described, and the report should include recommendations.

Reports should also disclaim portions of the home not inspected.

**INDUSTRY STANDARDS OF PRACTICE ARE DESIGNED TO IDENTIFY BOTH THE REQUIREMENTS OF A HOME INSPECTION AND THE LIMITATIONS OF AN INSPECTION.**

The client is strongly advised to clarify anything that they don't understand.

#### **INSPECTION CONTRACT**

**Address to be inspected:** 109 4 St W - Lehigh  
Drumheller Alberta T0J 0Y3

**Inspection Date:** 12/16/2021 **Time Start:** 09:30 AM

**Client(s) Name(s):** Town of Drumheller attn: Mark Steffler

**Mailing Address: Town/City: Postal Code:**

**Phone #: (H) (C)** (403) 660-3507

**Client E-mail Address:** msteffler@drumheller.ca

**Client UserName:** TDrumhellerattnMarkSte286

I/We, the above named client(s) request an inspection of the inspection address above. The inspection is to be performed by the below inspection company (firm) in accordance with the InterNACHI Standards of Practice which includes roofing, flashing or chimney; exterior, including lot grading, walkways, driveways, retaining walls, patios and decks; structure; electrical; heating; heat pumps and cooling; insulation; ventilation; plumbing; and interior.

It is important for the client(s) to understand that the inspection is based on the limited visual inspection of the readily accessible aspects of the building. The report is representative of the inspector's opinion of the observable conditions on the day of the inspection. While the inspection may reduce your risks of home ownership, it is not an insurance policy, warranty or guarantee on the home. This report is for the exclusive use of the contracted parties and may not be used by third parties without prior written permission from the inspector/inspection firm. Also, this inspection does not include any inspection of any outbuildings or other structures not attached to the dwelling other than a garage or carport, unless otherwise agreed upon.

**BY SIGNING THIS AGREEMENT YOU ARE ACKNOWLEDGING THAT YOU UNDERSTAND THIS INSPECTION WILL NOT BE TESTING FOR MOLD OR ASBESTOS UNLESS OTHERWISE INDICATED IN OTHER WRITINGS.**

I/we have read, understand and accept the terms and conditions as outlined here and on the page entitled " What To Expect From Your Inspection."

**Inspection Company:** Bocc Home Inspections Ltd.  
Creekside Postal Stn PO Box 70036 Airdrie AB T4B 0V6 (403) 585-6279

**Inspectors Name:** Adam Boccinfuso **Inspectors License:** License# 342384

If applicable, CLIENT agrees that all or a portion of the inspection will be performed by the above named Inspection Business.

The Client(s) and Inspector(s), by signing below, agree, to have read, understand and accept the terms and contract.

\_\_\_\_\_ Town of Drumheller attn: Mark Steffler 12/16/2021

Clients(s) Representative Signature

\_\_\_\_\_Adam Boccinfuso 12/16/2021

Inspector Signature



**Total Fee for Inspection: 262.50**

**Payment Method:** Cash, cheque, e-transfer (Send to: [payment@boccinspections.com](mailto:payment@boccinspections.com)), or credit card (2.5% surcharge applies).

**Payment Status:** Due at Time of Inspection

The home inspection business shall provide the client with a copy of this contract at the time the contract is signed.

THIS AGREEMENT made on 12/16/2021 by and between Adam Boccinfuso (Hereinafter "INSPECTOR") and the undersigned (hereinafter "CLIENT"), collectively referred to herein as "the parties." The Parties Understand and Voluntarily Agree as follows:

1. INSPECTOR agrees to perform a visual inspection of the home/building and to provide CLIENT with a written inspection report identifying the defects that INSPECTOR both observed and deemed material. INSPECTOR may offer comments as a courtesy, but these comments will not comprise the bargained-for report. The report is only supplementary to the seller's disclosure.
  
  2. Unless otherwise inconsistent with this Agreement or not possible, INSPECTOR agrees to perform the inspection in accordance to the current Standards of Practice of the National Association of Certified Home Inspectors posted at <http://www.nachi.org/sop.htm>. CLIENT understands that these standards contain certain limitations, exceptions, and exclusions.
  
  3. The inspection and report are performed and prepared for the use of CLIENT, who gives INSPECTOR permission to discuss observations with real estate agents, owners, repairpersons, and other interested parties. INSPECTOR accepts no responsibility for use or misinterpretation by third parties. INSPECTOR'S inspection of the property and the accompanying report are in no way intended to be a guarantee or warranty, express or implied, regarding the future use, operability, habitability or suitability of the home/building or its components. Any and all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, are expressly excluded by this Agreement.
  
  4. Except under circumstances of negligence or breach of contract on the part of the home inspection business or the home inspector, INSPECTOR assumes no liability for the cost of repair or replacement of unreported defects or deficiencies either current or arising in the future.
  
  5. INSPECTOR does not perform engineering, architectural, plumbing, or any other job function requiring an occupational license in the jurisdiction where the inspection is taking place, unless the inspector holds a valid occupational license, in which case he/she may inform the CLIENT that he/she is so licensed, and is therefore qualified to go beyond this basic home inspection, and for additional fee, perform additional inspections beyond those within the scope of the basic home inspection. Any agreement for such additional inspections shall be in a separate writing or noted here:
- 

6. In the event of a claim against INSPECTOR, CLIENT agrees to supply INSPECTOR with the



following: (1) Written notification of adverse conditions within 14 days of discovery, and (2) Access to the premises. Failure to comply with the above conditions will release INSPECTOR and its agents from any and all obligations or liability of any kind. This clause is not intended in any way to limit the time for CLIENT to make a claim against the home inspection business or home inspector but rather, is intended to provide for timely discovery and disclosure of the adverse conditions which will permit the home inspector to facilitate a timely resolution to the issue.

7. The parties agree that any litigation arising out of this Agreement shall be filed only in the Court having jurisdiction over the City of Airdrie in which the INSPECTOR has its principal place of business. In the event that CLIENT fails to prove any adverse claims against INSPECTOR in a court of law, CLIENT agrees to pay all expenses and fees of INSPECTOR in defending said claims, including legal costs on a solicitor-client basis.

8. If any court declares any provision of this Agreement invalid or unenforceable, the remaining provisions will remain in effect. This Agreement represents the entire agreement between the parties. All prior communications are merged into this Agreement, and there are no terms or conditions other than those set forth herein. No statement or promise of INSPECTOR or its agents shall be binding unless reduced to writing and signed by INSPECTOR. No change or modification shall be enforceable against any party unless such change or modification is in writing and signed by the parties. This Agreement shall be binding upon and enforceable by the parties and their heirs, executors, administrators, successors and assignees. CLIENT shall have no cause of action against INSPECTOR after one year from the date of the inspection.

9. Payment of the fee to INSPECTOR (less any deposit noted above) is due upon completion of the on-site inspection. The CLIENT agrees to pay all legal and time expenses incurred in collecting due payments, including solicitor-client costs, if any. If CLIENT is a corporation, LLC, or similar entity, the person signing this Agreement on behalf of such entity does personally guaranty payment of the fee by the entity.

10. HOLD HARMLESS AGREEMENT: CLIENT agrees to hold any and all real estate agents involved in the purchase of the property to be inspected harmless and keep them exonerated from all loss, damage, liability or expense occasioned or claims by reason of acts or neglects of the INSPECTOR or his employees or visitors or of independent contractors engaged or paid by INSPECTOR for the purpose of inspecting the subject home.

11. PRIVACY POLICY: In providing the property inspection and inspection report, information about the client, inspector, real estate professional, and property will be collected and input into HomeGauge inspection software and services, which the inspector uses to produce the inspection report. This information may include personally identifiable information about the client, inspector, and real estate professional. This information may subsequently be used by the provider of HomeGauge, as set out in the HomeGauge Privacy Policy found at <https://www.HomeGauge.com/privacy.html>.

12. CANCELLATION FEE: We understand sometimes unforeseen circumstances arise. We ask that you please provide as much notice as possible when cancelling or rescheduling. CLIENT agrees to pay a cancellation fee of fifty percent of the total cost of services if the inspection is cancelled with less than twenty-four hours' notice.

CLIENT HAS CAREFULLY READ THE FOREGOING, AGREES TO IT, AND ACKNOWLEDGES  
RECEIPT OF A COPY OF THIS AGREEMENT.

---

FOR INSPECTOR

---

CLIENT OR REPRESENTATIVE

## **APPENDIX I – ADDITIONAL SPECIFICATIONS**

Attached

---

**SAFETY**

1.1 SAFETY REQUIREMENTS

- 1.1.1 Comply with and enforce the construction safety measures required by the Alberta Building Code, the Workers' Compensation Board, and applicable provisions of Federal, Provincial, and Municipal safety laws and ordinances.
- 1.1.2 Adhere to all Provincial Occupational Health and Safety Act regulations for the safety of the public and of workers at all times.
- 1.1.3 For the purposes of this Act, the General Contractor is deemed to be the "Prime Contractor". Post appropriate notice on the site as required.
- 1.1.4 Assume full responsibility for the safety and organization of the work. The Project Manager nor Owner do not direct, supervise or assume control over the means, methods, techniques, sequences, or procedure of construction.
- 1.1.5 In the event of conflict between any provisions of above authorities, the most stringent provision will apply.

**END OF SECTION**

H

---

## **1 General**

### **1.1 SUMMARY**

- 1.1.1 General: Provide selective site demolition, in accordance with the requirements of the Contract Documents.
- 1.1.2 Section includes descriptions for demolishing, salvaging, recycling, and removing site work items identified for removal in whole or in part, and for backfilling resulting trenches and excavations.

### **1.2 REFERENCE STANDARDS**

- 1.2.1 Health Canada/Workplace Hazardous Materials Information System (WHMIS).
  - 1.2.1.1 Material Safety Data Sheets (MSDS).
- 1.2.2 Transport Canada:
  - 1.2.2.1 Transportation of Dangerous Goods Act, (TDGA), c. 34.

### **1.3 DEFINITIONS**

- 1.3.1 Owner: The Town of Drumheller.
- 1.3.2 Demolish: Detach items from existing construction and legally dispose of them off site, unless indicated to be removed and salvaged or removed and reinstalled.
- 1.3.3 Remove and Salvage: Detach items from existing construction and deliver them to Owner ready for reuse.
- 1.3.4 Remove and Reinstall: Detach items from existing construction, prepare them for reuse, and reinstall them where indicated.
- 1.3.5 Existing to Remain: Existing items of construction that are not to be removed and that are not otherwise indicated to be removed, removed and salvaged, or removed and reinstalled.
- 1.3.6 Hazardous Materials: dangerous substances, dangerous goods, hazardous commodities and hazardous products, may include but not limited to: asbestos PCB's, CFC's, HCFC's poisons, corrosive agents, flammable substances, ammunition, explosives, radioactive substances, or other material that can endanger human health or well-being or the environment if handled improperly.

### **1.4 QUALITY ASSURANCE**

- 1.4.1 Perform work of this Section in accordance with referenced standards and applicable Federal, Provincial, and Municipal regulations.

### **1.5 PRE-CONSTRUCTION MEETING**

- 1.5.1 Arrange a pre-construction meeting: Purpose of meeting will include, but not be limited to, the following:
  - 1.5.1.1 Verify project requirements.
  - 1.5.1.2 Review demolition conditions.
  - 1.5.1.3 Coordination with other Trade Contractors affected by work of this Section.
  - 1.5.1.4 Examine existing site conditions adjacent to demolition work, prior to start of Work.

- 
- 1.6 DELIVERY, STORAGE, AND HANDLING
- 1.6.1 Coordinate the protection of the environment and establish adequate site controls.
  - 1.6.2 Protect open excavations in accordance with the requirements of the Authorities Having Jurisdiction.
  - 1.6.3 Protect existing site features to remain or identified for salvage or re-use; make repairs and restore to a similar condition to existing where damage to these items occurs as directed by the Project Manager and at no cost to Owner:
    - 1.6.3.1 Remove and store salvaged materials to prevent damage.
    - 1.6.3.2 Store and protect salvaged materials as required for maximum preservation of material.
    - 1.6.3.3 Handle salvaged materials the same as new materials.
  - 1.6.4 Coordinate requirements for Waste Management and Disposal for materials being re-used or recycled:
    - 1.6.4.1 Divert excess materials from landfill to site.
    - 1.6.4.2 Separate materials identified for recycling. Place in identified containers in accordance with local Waste Management regulations.
    - 1.6.4.3 Place materials defined as hazardous or toxic in identified containers.
    - 1.6.4.4 Label location of salvaged material's storage areas and provide barriers and security devices.
    - 1.6.4.5 Ensure emptied containers are sealed and stored safely.
    - 1.6.4.6 Source separate for recycling materials that cannot be salvaged for re-use including wood, metal, concrete and asphalt, and gypsum.
    - 1.6.4.7 Remove materials that cannot be salvaged for re-use or recycling and dispose of in accordance with applicable codes at licensed facilities.
- 1.7 SITE CONDITIONS
- 1.7.1 Perform selective site demolition work to prevent adverse effects to adjacent watercourses, groundwater, and wildlife, and to prevent excess air and noise pollution:
    - 1.7.1.1 Do not dispose of waste of volatile materials including but not limited to, mineral spirits, oil, petroleum based lubricants, or toxic cleaning solutions into watercourses, storm or sanitary sewers; follow proper disposal procedures throughout the project in accordance with Authorities Having Jurisdiction.
    - 1.7.1.2 Do not pump water containing suspended materials into watercourses, storm or sanitary sewers or onto adjacent properties.
    - 1.7.1.3 Control disposal or runoff of water containing suspended materials or other harmful substances in accordance with Authorities Having Jurisdiction.
  - 1.7.2 Protect existing site features and structures, trees, plants, and foliage on site and adjacent properties where required.
  - 1.7.3 Remove contaminated or hazardous materials as defined by Authorities Having Jurisdiction from site, prior to start of selective site demolition Work, and dispose of at certified hazardous waste disposal facilities.



---

**2 Products**

2.1 EQUIPMENT

- 2.1.1 Use equipment suitable for the work identified.
- 2.1.2 Leave machinery running only while in use, except where extreme temperatures prohibit shutting machinery down.

**3 Execution**

3.1 PREPARATION

- 3.1.1 Verify the extent and location of items identified for removal, disposal, alternative disposal, recycling, salvage, and items to remain.
- 3.1.2 Locate and protect utilities, preserve active utilities traversing site in operating condition.
- 3.1.3 Notify and obtain approval of utility companies before starting demolition.
- 3.1.4 Disconnect and Cap Identified Mechanical Services:
  - 3.1.4.1 Natural Gas Supply Lines: Remove in accordance with gas company requirements; Contact utility company to coordinate removal.
  - 3.1.4.2 Sewer and Water Lines: Remove in accordance with Authorities Having Jurisdiction requirements, and securely plug to form watertight seal.
  - 3.1.4.3 Other Underground Services: Remove and dispose of as required.

3.2 REMOVAL AND DEMOLITION OPERATIONS

- 3.2.1 Do not disturb items identified to remain in place.
- 3.2.2 Demolition of pavements, curbs, and gutters:
  - 3.2.2.1 Square up adjacent surfaces to remain in place by saw cutting or other method acceptable to the Owner.
  - 3.2.2.2 Protect adjacent joints and load transfer devices.
  - 3.2.2.3 Protect underlying and adjacent granular materials where they are exposed and identified to remain.
  - 3.2.2.4 Prevent contamination with base course aggregates, when removing asphalt pavement for subsequent incorporation into hot mix asphalt concrete paving.
- 3.2.3 Excavate a minimum of 300 mm below pipe inverts, when removing pipes under existing or future pavement area.
- 3.2.4 Remove as many trees as required to complete demolition operations; prevent damage to trees identified to remain; obtain written permission from the Owner prior to removal of trees:
  - 3.2.4.1 Sell or donate trees identified for removal and that are healthy and marketable; remove trees that are not healthy or marketable using alternate disposal methods.
  - 3.2.4.2 Grind, chip, or shred other vegetation for mulching and composting.

- 
- 3.2.5 Stockpile topsoil for final grading and landscaping; provide erosion control and seeding if not immediately used.
  - 3.2.6 Salvage items identified; dismantle items containing materials for salvage and stockpile salvaged materials at locations identified by the Owner.
  - 3.2.7 Dispose of materials not identified for salvage or re-use on site at a certified landfill site or recycling facility.
  - 3.2.8 Backfill in areas in accordance with standard Geotechnical Standards.
- 3.3 STOCKPILING
- 3.3.1 Label stockpiles, indicating material type and quantity.
  - 3.3.2 Designate appropriate security resources/measures to prevent vandalism, damage, and theft.
  - 3.3.3 Locate stockpiled materials convenient for use to backfill all excavated areas to adjacent grades after demolition is completed to eliminate double handling wherever possible.
  - 3.3.4 Stockpile materials identified for alternate disposal in a location which facilitates removal from site and examination by potential end markets, and which does not impede disassembly, processing, or hauling procedures.
- 3.4 REMOVAL FROM SITE
- 3.4.1 Remove stockpiled material as directed by the Owner when it interferes with the operations of the project.
  - 3.4.2 Remove stockpiles of like materials by alternate disposal option once collection of materials is complete.
  - 3.4.3 Dispose of materials not identified for alternate disposal in accordance with applicable regulations.
- 3.5 RESTORATION
- 3.5.1 Restore areas and existing works outside areas of demolition to conditions that existed prior to beginning of Work.
  - 3.5.2 Use soil treatments and procedures that are not harmful to health, are not injurious to plants, and do not endanger wildlife, adjacent watercourses or ground water.
- 3.6 CLEANING
- 3.6.1 Remove debris, trim surfaces, and leave work site clean, upon completion of Work
  - 3.6.2 Use cleaning solutions and procedures that are not harmful to health, are not injurious to plants, and do not endanger wildlife, adjacent watercourses or ground water.

**END OF SECTION**

---

## **1 General**

### **1.1 SUMMARY**

- 1.1.1 General: Provide finishing, in accordance with the requirements of the Contract Documents.
- 1.1.2 This Section includes the following:
  - 1.1.2.1 Demolition and removal of buildings and structures.
  - 1.1.2.2 Demolition and removal of site improvements adjacent to a building or structure being demolished.
  - 1.1.2.3 Demolition and removal of concrete foundations and piles.
  - 1.1.2.4 Removing below-grade construction.
  - 1.1.2.5 Disconnecting, capping or sealing, and removing site utilities.

### **1.2 DEFINITIONS**

- 1.2.1 Owner: The Town of Drumheller.
- 1.2.2 Demolish: Detach items from existing construction and legally dispose of them off site, unless indicated to be removed and salvaged or removed and reinstalled.
- 1.2.3 Remove and Salvage: Detach items from existing construction and deliver them to Owner ready for reuse.
- 1.2.4 Existing to Remain: Existing items of construction that are not removed and that are not otherwise indicated as being removed, removed and salvaged, or removed and reinstalled.
- 1.2.5 Hazardous Materials: dangerous substances, dangerous goods, hazardous commodities and hazardous products, may include but not limited to: asbestos PCB's, CFC's, HCFC's poisons, corrosive agents, flammable substances, ammunition, explosives, radioactive substances, or other material that can endanger human health or well-being or the environment if handled improperly.

### **1.3 REFERENCE STANDARDS**

- 1.3.1 American National Standards Institute (ANSI):
  - 1.3.1.1 ANSI/ASSE A10.8, Scaffolding Safety Requirements
- 1.3.2 Canadian Federal Legislation:
  - 1.3.2.1 Canadian Environmental Protection Act (CEPA),
  - 1.3.2.2 Canadian Environmental Assessment Act (CEAA),
  - 1.3.2.3 Transportation of Dangerous Goods Act (TDGA),
  - 1.3.2.4 Motor Vehicle Safety Act (MVSA),
  - 1.3.2.5 Hazardous Materials Information Review Act,
- 1.3.3 Canadian Standards Association (CSA):
  - 1.3.3.1 CSA S350, Code of Practice for Safety in Demolition of Structures
- 1.3.4 National Fire Protection Association (NFPA):
  - 1.3.4.1 NFPA 241, Standard for Safeguarding Construction, Alteration, and Demolition Operations,

---

## 1.4 ADMINISTRATIVE REQUIREMENTS

### 1.4.1 Materials Ownership:

- 1.4.1.1 Except for items or materials indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, demolished materials shall become the Demolition Contractor's property and shall be removed from Project site.
- 1.4.1.2 Historic items and similar objects including, but not limited to, cornerstones and their contents, commemorative plaques and tablets, antiques, and other items of interest or value to Owner that may be encountered during demolition remain Owner's property:
  - 1.4.1.2.1 Carefully remove and salvage each item or object in a manner to prevent damage and deliver promptly to Owner.
  - 1.4.1.2.2 Coordinate with Owner's adviser, who will establish special procedures for removal and salvage.

### 1.4.2 Pre-Demolition Meeting: Conduct a pre-demolition meeting at Project site, as follows:

- 1.4.2.1 Inspect and discuss condition of construction being demolished.
- 1.4.2.2 Review structural load limitations of existing structures.
- 1.4.2.3 Review and finalize building demolition schedule and verify availability of demolition personnel, equipment, and facilities needed to make progress and avoid delays.
- 1.4.2.4 Review and finalize protection requirements.

## 1.5 SUBMITTALS

### 1.5.1 Action Submittals: Provide the following submittals before starting any work of this Section:

- 1.5.1.1 Schedule of Demolition Activities: indicate the following:
  - 1.5.1.1.1 Detailed sequence of demolition and removal work, with starting and ending dates for each activity
  - 1.5.1.1.2 Interruption of utility services
  - 1.5.1.1.3 Coordination for shutoff, capping, and continuation of utility services
  - 1.5.1.1.4 Locations of temporary partitions and means of egress
- 1.5.1.2 Demolition Plan: Submit a plan of demolition area indicating extent of temporary facilities and supports, methods of removal and demolition prepared by a professional engineer in accordance with requirements of Authority Having Jurisdiction, and as follows:
  - 1.5.1.2.1 Proposed Dust-Control and Noise-Control Measures: Submit statement or drawing that indicates the measures proposed for use, proposed locations, and proposed time frame for their operation.
  - 1.5.1.2.2 Inventory: Submit a list of items that have been removed and salvaged after demolition is complete.
  - 1.5.1.2.3 Landfill Records: Indicate receipt and acceptance of hazardous wastes by a landfill facility licensed to accept hazardous wastes.

---

1.6 QUALITY ASSURANCE

- 1.6.1 Demolition Firm Qualifications: An experienced firm that has specialized in demolition work similar in material and extent to that indicated for this Project.
- 1.6.2 Refrigerant Recovery Technician Qualifications: Certified by Authority Having Jurisdiction.
- 1.6.3 Regulatory Requirements: Comply with Authority Having Jurisdiction's regulations before beginning demolition.
- 1.6.4 Comply with hauling and disposal regulations of Authority Having Jurisdiction.
- 1.6.5 Standards: Comply with ANSI A10.6 and NFPA 241.

1.7 SITE CONDITIONS

- 1.7.1 Buildings being demolished will be vacated and their use discontinued before start of Work.
- 1.7.2 Owner will not occupy any other building immediately adjacent to demolition area.
- 1.7.3 Conduct building demolition so Owner's operations will not be disrupted:
  - 1.7.3.1 Maintain access to existing walkways, exits, and other adjacent occupied or used facilities.
    - 1.7.3.1.1 Do not close or obstruct walkways, exits, or other occupied or used facilities without written permission from Authority Having Jurisdiction.
- 1.7.4 Owner assumes no responsibility for buildings and structures being demolished:
  - 1.7.4.1 Conditions existing at time of inspection for bidding purpose will remain as-is.
  - 1.7.4.2 Before building demolition, Owner will remove any items applicable for own use, unless otherwise directed.
- 1.7.5 Hazardous Materials: Please refer to Appendix for Hazardous Materials Reports.
  - 1.7.5.1 Examine reports to become aware of locations where hazardous materials are present.
- 1.7.6 Storage or sale of removed items or materials on site will not be permitted.

**2 Products**

2.1 TEMPORARY SUPPORT STRUCTURES

- 2.1.1 If required, design temporary support structures required for demolition work using a qualified professional engineer registered or licensed in the province of the Work.

**3 Execution**

3.1 DEMOLITION FIRMS

- 3.1.1 Qualified Demolition Firms: submit documentation indicating demolition of similar projects (size and scope) within the last 5 years.

---

3.2 EXAMINATION

- 3.2.1 Survey existing conditions and correlate with requirements indicated to determine extent of building demolition required.
- 3.2.2 Owner does not guaranty that existing conditions are the same as those indicated in Project documentation.
- 3.2.3 Inventory and record the condition of items being removed and salvaged.
- 3.2.4 When unanticipated underground mechanical, electrical, or structural elements are encountered, investigate and measure the nature and extent of the element. Promptly submit a written report to the Owner.
- 3.2.5 Engage a professional engineer to perform an engineering survey of condition of building to determine whether removing any element might result in structural deficiency or unplanned collapse of any portion of structure or adjacent structures during building demolition operations.
- 3.2.6 Verify that hazardous materials have been remediated before proceeding with building demolition operations. Refer to reports attached as an appendix of this package.

3.3 PREPARATION

- 3.3.1 Remove and dispose all materials according to regulations of Authority Having Jurisdiction.
- 3.3.2 Existing Utilities: Demolition Contractor is responsible for locating, identifying, disconnecting, removing, and sealing or capping the utilities lines prior to the demolition work commencing, following appropriate agencies' requirements. Locate, identify, disconnect, remove, and seal or cap off all utilities serving buildings and structures being demolished:
  - 3.3.2.1 Arrange to shut off indicated utilities with utility companies.
  - 3.3.2.2 If utility services are required being removed, relocated, or abandoned, before proceeding with building demolition provide temporary utilities that bypass buildings and structures being demolished and that maintain continuity of service to other buildings and structures.
  - 3.3.2.3 Cut off pipe or conduit a minimum of 610 mm (24") below grade.
  - 3.3.2.4 Cap, valve, or plug and seal remaining portion of pipe or conduit after bypassing.
- 3.3.3 Do not start demolition work until utility disconnecting and sealing have been completed and verified in writing:
  - 3.3.3.1 Remove refrigerant from air-conditioning equipment before starting demolition where required.
- 3.3.4 Temporary Shoring: Provide and maintain interior and exterior shoring, bracing, or structural support to preserve stability and prevent unexpected movement or collapse of construction being demolished:
  - 3.3.4.1 Strengthen or add new supports when required during progress of demolition.
- 3.3.5 Removed and Salvaged Items: Comply with the following:
  - 3.3.5.1 Clean salvaged items of dirt and demolition debris.
  - 3.3.5.2 Pack or crate items after cleaning.



- 3.3.5.3 Identify contents of containers.
- 3.3.5.4 Store items in a secure area until delivery to Owner.
- 3.3.5.5 Transport items to Owner's storage area designated by Owner.
- 3.3.5.6 Protect items from damage during transport and storage.

#### 3.4 PROTECTION

- 3.4.1 Existing Facilities: Protect adjacent walkways, building entries, and other building facilities during demolition operations.
- 3.4.2 Existing Items to Remain: Protect construction indicated to remain against damage and soiling during demolition.
- 3.4.3 When permitted by the Owner, items may be removed to a suitable, protected storage location during demolition [and cleaned] and reinstalled in their original locations after demolition operations are complete.
- 3.4.4 Existing Utilities: Maintain utility services indicated to remain and protect them against damage during demolition operations:
  - 3.4.4.1 Do not interrupt existing utilities serving adjacent occupied or operating facilities unless authorized in writing by Owner and Authority Having Jurisdiction.
  - 3.4.4.2 Provide temporary services during interruptions to existing utilities, as acceptable to Owner and to Authority Having Jurisdiction.
  - 3.4.4.3 Provide at least 72 hours' notice to Owner if shutdown of service is required during changeover.
- 3.4.5 Temporary Protection: Erect temporary protection, such as walks, fences, railings, canopies, and covered passageways, where required by Authority Having Jurisdiction and as indicated.
- 3.4.6 Temporary Facilities and Controls:
  - 3.4.6.1 Protect existing site improvements, appurtenances, and landscaping to remain.
  - 3.4.6.2 Erect a plainly visible fence around drip line of individual trees or around perimeter drip line of groups of trees to remain.
  - 3.4.6.3 Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.
  - 3.4.6.4 Provide protection to ensure safe passage of people around building demolition area and to and from occupied portions of adjacent buildings and structures.
  - 3.4.6.5 Protect walls, windows, roofs, and other adjacent exterior construction that are to remain and that are exposed to building demolition operations.
  - 3.4.6.6 Erect and maintain dustproof partitions and temporary enclosures to limit dust and dirt migration and to separate areas from fumes and noise from occupied portions of adjacent buildings.

#### 3.5 DEMOLITION, GENERAL

- 3.5.1 General: Demolish indicated existing buildings and structures and site improvements completely.
- 3.5.2 Use methods required to complete the Work within limitations of governing regulations and as follows:

- 
- 3.5.2.1 Do not use cutting torches until work area is cleared of flammable materials.
  - 3.5.2.2 Maintain fire watch and portable fire-suppression devices during flame-cutting operations.
  - 3.5.2.3 Maintain adequate ventilation when using cutting torches.
  - 3.5.2.4 Locate building demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
  - 3.5.3 Engineering Surveys: Perform surveys as the Work progresses to detect hazards that may result from building demolition activities.
  - 3.5.4 Site Access and Temporary Controls: Conduct building demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities:
    - 3.5.4.1 Do not close or obstruct streets, walks, walkways, or other adjacent occupied or used facilities without permission from Owner or building manager and Authority Having Jurisdiction.
    - 3.5.4.2 Provide alternate routes around closed or obstructed traffic ways if required by Authority Having Jurisdiction.
    - 3.5.4.3 Use water mist and other suitable methods to limit spread of dust and dirt.
    - 3.5.4.4 Comply with governing environmental-protection regulations.
    - 3.5.4.5 Do not use water when it may damage adjacent construction or create hazardous or objectionable conditions, such as ice, flooding, and pollution.
  - 3.6 DEMOLITION, ACTUAL
    - 3.6.1 Remove buildings and structures and site improvements intact when permitted by Authority Having Jurisdiction.
    - 3.6.2 Proceed with demolition of structural framing members systematically, from higher to lower level.
    - 3.6.3 Complete building demolition operations above each floor or tier before disturbing supporting members on the next lower level.
    - 3.6.4 Remove debris from elevated portions by chute, hoist, or other device that will convey debris to grade level in a controlled descent:
      - 3.6.4.1 Remove structural framing members and lower to ground by method suitable to minimize ground impact or dust generation.
    - 3.6.5 Do not use flame-cutting torches unless otherwise authorized by Authority Having Jurisdiction:
      - 3.6.5.1 Transport steel trusses and joists as whole units without dismantling them further.
    - 3.6.6 Equipment: Disconnect equipment at nearest fitting connection to services, complete with service valves; Remove as whole units, complete with controls.

- 
- 3.6.7 Below-Grade Construction: Demolish foundation walls and other below-grade construction:
    - 3.6.7.1 Remove below grade construction, including basements, foundation walls, and footings, completely.
    - 3.6.7.2 For the Health Centre, Demolition Contractor shall cut off and remove all the piles to 3m below the current grades. On the remaining properties, the spread footings and any other foundation system shall be fully removed and disposed of.
  - 3.6.8 Existing Utilities: Demolish existing utilities and below-grade utility structures
  - 3.6.9 Abandon Utilities:
    - 3.6.9.1 Fill abandoned utility structures with satisfactory soil materials.
    - 3.6.9.2 Piping: Disconnect piping at unions, flanges, valves, or fittings.
    - 3.6.9.3 Wiring Ducts: Disassemble into unit lengths and remove plug-in and disconnecting devices.
  - 3.6.10 Existing Utilities: Demolish and remove existing utilities and below-grade utility structures:
    - 3.6.10.1 Piping: Disconnect piping at unions, flanges, valves, or fittings.
    - 3.6.10.2 Wiring Ducts: Disassemble into unit lengths and remove plug-in and disconnecting devices.
  - 3.7 EXPLOSIVE DEMOLITION
    - 3.7.1 Explosives: Perform explosive demolition according to governing regulations:
      - 3.7.1.1 Obtain written permission from Authority Having Jurisdiction before bringing explosives to, or using explosives on, Project site.
      - 3.7.1.2 Do not damage adjacent structures, property, or site improvements when using explosives.
  - 3.8 SITE RESTORATION
    - 3.8.1 Below-Grade Areas: Rough grade below-grade areas ready for future use. Excavation opening filled with compacted clean fill on 6-inch lifts at 90% PROCTOR density.
    - 3.8.2 Site Grading: Uniformly rough grade area of demolished construction to a smooth surface, free from irregular surface changes. Approved and suitable material shall be placed as backfill in all excavated areas and graded to the elevation necessary to provide positive surface drainage to all areas of the site.
    - 3.8.3 Provide a smooth transition between adjacent existing grades and new grades.
  - 3.9 REPAIRS
    - 3.9.1 General: Promptly repair damage to adjacent construction caused by building demolition operations.
    - 3.9.2 Where repairs to existing surfaces are required, patch to produce surfaces suitable for new materials.

---

3.9.3 Restore exposed finishes of patched areas and extend restoration into adjoining construction in a manner that eliminates evidence of patching and refinishing.

3.10 RECYCLING DEMOLISHED MATERIALS

3.10.1 General: Separate recyclable demolished materials from other demolished materials to the maximum extent possible.

3.11 DISPOSAL OF DEMOLISHED MATERIALS

3.11.1 Except for items or materials indicated being recycled, reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, remove demolished materials from Project site and legally dispose of them in an EPA-approved landfill:

3.11.1.1 Do not allow demolished materials to accumulate on-site.

3.11.1.2 Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.

3.11.2 Burning: Do not burn demolished materials.

3.11.3 Disposal: Transport demolished materials off Owner's property and legally disposes of them.

3.12 CLEANING

3.12.1 Clean adjacent structures and improvements of dust, dirt, and debris caused by building demolition operations.

3.12.2 Return adjacent areas to condition existing before building demolition operations began.

**END OF SECTION**

## **PART 1 GENERAL**

### **1.1 General and Related Work**

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Related work specified elsewhere:
  - Section 02 82 00.01 Asbestos Abatement – Low Risk Precautions
  - Section 02 82 00.02 Asbestos Abatement – Moderate Risk Precautions
  - Section 02 82 00.03 Asbestos Abatement – High Risk Precautions
  - Section 02 83 10 Lead Abatement – Minimum Precautions
  - Section 02 83 11 Lead Abatement – Intermediate Precautions
  - Section 02 84 00 Non-Liquid Polychlorinated Biphenyl Abatement
  - Section 02 84 16 Mercury Abatement
  - Section 02 85 10 Silica – Minimum Precautions
  - Section 02 85 11 Silica – Intermediate Precautions
- .3 Site Conditions identifies all known hazardous building materials within the Project Area. The information provided is for general reference only. Each Contractor must confirm existing conditions on site prior to tender close.
  - .1 The specification fulfils the requirements of the Occupational Health and Safety Act, Regulation and Code.
- .4 The Outline of Work identifies the location, condition and quantities of hazardous building materials to be removed as part of this project.
  - .1 It is the intent that work prescribed this Section will result in the removal of all hazardous materials as outlined and the decontamination of all surfaces or materials which may have been or become contaminated by hazardous materials either during or prior to work of this Contract.

### **1.2 Site Conditions**

- .1 Refer to the following reports:
  - .1 “Hazardous Building Materials Assessment (Pre-construction) Consortium Building, 601 – 4 Street East, Drumheller, Alberta”, Dated June 7, 2022,

prepared by Pinchin Ltd., file number 309337.000

- .2 “Hazardous Building Materials Assessment (Pre-construction) Abandoned Health Centre, 625 Riverside Drive East, Drumheller, Alberta”, Dated June 3, 2022, prepared by Pinchin Ltd., file number 309336.000
- .3 “Hazardous Building Materials Assessment (Pre-construction) Nacmine Hotel, 5072 Hunter Drive, Drumheller, Alberta”, Dated June 13, 2022, prepared by Pinchin Ltd., file number 310252.000
- .4 “Hazardous Materials Assessment Report, 109 4 Street, Drumheller, Alberta”, Dated May 26, 2022, prepared by ECOABATE Environmental Solutions., file number E2718-B
- .5 “Hazardous Materials Assessment Report, 25 Roper Road, Drumheller, Alberta”, Dated May 26, 2022, prepared by ECOABATE Environmental Solutions., file number E2718-A

### **1.3 Outline of Work**

- .1 Refer to the hazardous materials assessment reports provided for the extent of the Abatement Work Area(s).
- .2 Remove and dispose of the following materials as clean waste prior to hazardous materials abatement work without disturbing asbestos-containing materials:
  - .1 Carpet, thresholds, tack strips and underpad.
  - .2 Millwork and cabinets.
  - .3 Doors and door hardware.
- .3 Using procedures prescribed in the Sections identified in Related Work, remove and dispose of the following:
  - .1 All hazardous materials identified in the provided hazardous materials assessment reports.
- .4 Provide and pay for site inspection and air monitoring services specified herein.
- .5 Refer to Specification Sections identified in the Related Work for specified personnel protective measures for the safe handling, removal, clean-up, enclosure, or repair of hazardous materials in each phase or work area.
- .6 Visit the site prior to tender close to confirm the location and extent of any hazardous building materials or materials contaminated by hazardous materials.
- .7 Protect surfaces, building fabrics and items remaining within the Abatement Work Area.
- .8 Isolate the Abatement Work Area from adjoining Occupied and Non-Occupied Areas whether present at an interior or exterior location.



- .9 Maintain emergency and fire exits from Abatement Work Area, or establish alternative exits satisfactory to Provincial Fire Marshall and local authorities having jurisdiction. Maintain extra routes from occupied areas. Place emergency exit signs at locations to clearly mark exit route. Seal emergency exit doors so as not to impede use of door during emergency evacuation.
- .10 Perform selective demolition of mechanical and electrical equipment, building components, materials and items scheduled for demolition at locations required to facilitate asbestos removal. Refer to Specification Sections identified in the Related Work for responsibility of demolition work and disposal.
- .11 Remove and dispose of as appropriate waste, building components, materials and items contaminated by hazardous materials that cannot be effectively cleaned.
- .12 Encapsulation will not be permitted where removal of building materials or structures scheduled for demolition will facilitate access to the asbestos materials in question.
- .13 Final clean work area to remove visible signs of asbestos and other hazardous materials, other debris or settled dust.
- .14 Apply lock-down agent to exposed surfaces throughout the work area and to surfaces from which any hazardous materials have been removed.
- .15 Unless otherwise specified, the handling, removal, clean-up or repair of hazardous materials or surfaces contaminated with hazardous materials is to be performed following wet removal techniques.

#### **1.4 Schedule**

- .1 Provide necessary manpower, supervision, equipment and materials to maintain and complete the project on schedule.
- .2 Work Hours:
  - .1 Normal Work Hours: 08:00 through 17:00 (Mon. - Fri.).
  - .2 Quiet Hours: As directed by Abatement Consultant.
- .3 Provide 48 hours written notice to the Abatement Consultant of any request to work outside normal working hours. Obtain written approval before proceeding.

#### **1.5 Definitions**

- .1 Abatement Consultant: Owner's Representative providing inspection and air monitoring.
- .2 Abatement Contractor: Contractor or sub-contractor performing work of this section.
- .3 Abatement Work Area: Area where work takes place which will, or may, disturb hazardous materials.

- .4 Amended Water: Water with wetting agent added for the purpose of reducing surface tension to allow thorough wetting of materials.
- .5 Asbestos: Any of the fibrous silicates including: actinolite, amosite, anthophyllite, chrysotile, crocidolite and tremolite.
- .6 Asbestos-Containing Material (ACM): Material identified under Site Conditions including any debris, overspray, fallen material and settled dust.
- .7 Authorized Visitors: Building Owner, Abatement Consultant, or designated representative, and persons representing regulatory agencies.
- .8 Competent Worker: In relation to specific work, means a worker who is adequately qualified, suitable training and has sufficient experience to safely perform the work, either without supervision or with only a minimal degree of supervision.
- .9 Contaminated Waste: Material identified under Site Conditions, including fallen material, settled dust, other debris and materials or equipment deemed to be contaminated by the Abatement Consultant.
- .10 Curtained Doorway: Doorway consisting of two (2) overlapping flaps of rip-proof polyethylene arranged to permit ingress and egress from one room to another while permitting minimal air movement between rooms.
- .11 DOP Test: A testing method used to determine the integrity of the Negative Pressure unit or vacuum using a Dispersed Oil Particulate (DOP) or Poly Alpha Olefin (PAO) HEPA filter leak test. This test is to be conducted on site where units are to be installed. Refer to ANSI/ASME N510-2007.
- .12 Fitting: Individual segments or pieces of a mechanical service line which may include but is not limited to the hangers, tees, elbows, joints, valves, unions, etc.
- .13 Friable Material: Material that when dry can be crumbled, pulverized or powdered by hand pressure and includes such material that is crumbled, pulverized or powdered.
- .14 HEPA Filter: High Efficiency Particulate Aerosol filter that is at least 99.97 percent efficient in collecting a 0.3 micrometre aerosol.
- .15 Lead-Containing Paint: A paint (or surface coating) in which the concentration of total lead exceeds 90 mg/kg (ppm or 0.009%) when a dried sample is tested in accordance with a method that conforms to good laboratory practices. This value is consistent with the federal definition of a lead-based paint outlined in the Surface Coating Materials Regulation (SOR/2016-193) under the Canada Consumer Product Safety Act; recognized by the Alberta Government.
- .16 Lead Waste: Waste generated from removal of lead-containing materials, or the substrate and paint finish where left intact.
- .17 Mercury Waste: Equipment, materials or items containing mercury or contaminated with mercury.

- .18 Milestone Inspection: Inspection of the Abatement Work Area at a defined point in the abatement operation.
- .19 Negative Pressure: A reduced pressure within the Abatement Work Area (>0.02 inches of water column) established by extracting air directly from Abatement Work Area and discharging it to exterior of building.
- .20 Non-Friable Material: Material that when dry cannot be crumbled, pulverized or powdered by hand pressure.
- .21 Occupied Area: Any area of the building or adjoining space outside the Abatement Work Area.
- .22 Personnel: All Contractor's employees, sub-contractors employees, supervisors.
- .23 PCBs: Monochlorinated or Polychlorinated Biphenyls (or any mixture of both).
- .24 PCB Material: Solid material containing PCBs at a concentration of more than fifty milligrams per kilogram (mg/kg) or 50 parts per million (ppm), or liquid with greater than 2 mg/kg or ppm.
- .25 PCB Waste: PCB Equipment, PCB Material, PCB Liquids and materials or items contaminated with PCBs.
- .26 PCM: Phase Contrast Microscopy.
- .27 Remove: Remove means remove and dispose of (as applicable type of waste) unless followed by other instruction (e.g. remove and turn over to Owner).
- .28 Restricted Area: A Restricted Area, as defined in the Alberta Occupational Health and Safety Code, is an area of a work site where there is a reasonable chance that the airborne concentration of asbestos exceeds or may exceed the Occupational Exposure Limit (OEL).
- .29 Toxicity Characteristic Leachate Procedure (TCLP): Laboratory analysis to determine leachable parameters in lead waste.
- .30 TEM: Transmission Electron Microscopy.

## 1.6 Regulations and Guidelines

- .1 Comply with Federal, Provincial, and local requirements, provided that in any case of conflict among those requirements or with these Specifications, the more stringent requirements shall apply. Work shall be performed under regulations in effect at the time work is performed.
- .2 Where regulations are not present, follow accepted industry standards and applicable Guideline documents. update this section.
- .3 Regulations and Guidelines include but are not limited to the following:

- .1 Occupational Health and Safety Act, Regulations and Code, Province of Alberta.
- .2 Alberta Asbestos Abatement Manual, Government of Alberta, Ministry of Labour and Immigration, 2019.
- .3 Environmental Protection and Enhancement Act, Waste Control Regulation, Alberta Regulation 192/96.
- .4 Alberta User Guide for Waste Managers, Alberta Environment, 1996.
- .5 Guidelines for the Disposal of Asbestos Waste, Alberta Environment, 1989.
- .6 Transportation of Dangerous Goods Regulations SOR/2008-34, Transportation of Dangerous Goods Act.
- .7 PCB Regulations, SOR 2008-273, Canadian Environmental Protection Act.
- .8 Workplace Health and Safety Bulletin, Lead at the Work Site, Government of Alberta, Human Services, November 2013.
- .9 Safe Work Practices for Handling Asbestos, WorkSafe BC, 2017.
- .10 Best Practices: Mould at the Work Site, Government of Alberta, Employment and Immigration, Jul 2009.
- .11 Workplace Health and Safety Bulletin, Mercury at the Work Site, Government of Alberta, Employment and Immigration, January 2010.
- .12 Occupational Health and Safety Bulletin, Crystalline Silica at the Work Site, Government of Alberta, Employment and Immigration, November 2009.

## **1.7 Quality Assurance**

- .1 Removal and handling of hazardous materials is to be performed by persons trained in the methods, procedures and industry practices for Abatement.
- .2 Ensure work proceeds to schedule, meeting all requirements of this Specification.
- .3 Complete work so that at no time airborne dust, visible debris, or water runoff contaminate areas outside the Abatement Work Area.
- .4 Any contamination of surrounding area (indicated by visual inspection or air monitoring) shall necessitate the clean-up of affected area, and in the same manner applicable to an Abatement Work Area at no cost to the Owner.
- .5 All work of this Section involving electrical, mechanical, carpentry, glazing, etc., shall be performed by licensed persons experienced and qualified for the work required.

## **1.8 Supervision**

- .1 Provide on site, an Overall Superintendent(s), who has authority to oversee all aspects of the work, including but not limited to, estimating and negotiation of changes to the contract, update of submission requirements, scheduling, manpower and equipment requirements, and direct communication and co-ordination with Abatement Consultant and Owner's representative.
- .2 Provide on site, in addition to the Overall Superintendent(s), and for each work shift, a Shift Superintendent, who has authority regarding all aspects related to manpower, equipment and production.
- .3 Supervisory personnel must hold a provincial Occupational Health & Safety for the Asbestos Worker training card and have performed supervisory functions on at least five (5) other asbestos abatement projects of similar size and complexity.
- .4 At all times during work, the Overall or Shift Superintendent(s) must be on site. Failure to comply with this requirement will result in a stoppage of all work, at no cost to the Owner.
- .5 Replace supervisory personnel, with approved replacements, within three (3) working days of a written request from the Owner. Owner reserves the right to request replacement of supervisory personnel without explanation.
- .6 Do not replace supervisory personnel without written approval from the Owner.

## **1.9 Notification**

- .1 Inform all trades on site of the presence and location of hazardous materials identified in the Contract documents.
- .2 Notify the Owner or Owner's Representative, and the Joint Work Site Occupational Health and Safety Committee, if suspected asbestos-containing materials not identified in the contract documents are discovered during the course of the work. Stop work in these areas immediately.

## **1.10 Submittals**

- .1 Submit prior to starting work:
  - .1 Copy of the Asbestos Project Notification Acknowledgement form received from Alberta Occupational Health and Safety including the completed copy of the Asbestos Project Notification form (form WHS 3910).
  - .2 Workers' Compensation Board Clearance Certificate.
  - .3 Certificates of Insurance.
  - .4 Site specific work procedures.
  - .5 Copy of Company Health and Safety Policy and applicable programs.
- .2 Submit the following information regarding personnel prior to starting work:

- .1 Resumes of the supervisory personnel.
  - .2 Valid Occupational Health & Safety for the Asbestos Worker training cards for all personnel who work within a high risk asbestos enclosure and/or a Restricted Area.
  - .3 WHMIS training certificates for all personnel.
  - .4 Certificate proving that each worker on site has been fit tested for the respirator appropriate for the work being performed.
  - .5 Proof, satisfactory to the Consultant, that all persons involved in the transport and disposal hazardous materials have been trained in accordance with the requirements of Federal and Provincial Transportation of Dangerous Good Acts and Regulations.
- .3 Submit the following information regarding HEPA filtered devices prior to construction of enclosure or hazardous materials abatement:
- .1 Performance data on HEPA filtered vacuums including DOP tests no more than 3 months old.
  - .2 Performance data on negative air units including DOP tests which must be performed on site immediately prior to initial usage, on a monthly basis, and when HEPA filters are changed.
  - .3 DOP tests to be performed by an independent testing company.
    - .1 DOP testing company is required to submit a detailed technical report of testing protocol, including Introduction, Methodology, Results, Conclusions, and Recommendations, including results of the Air-Aerosol Mixing Uniformity test as per ASME N510-1989 (1995).
    - .2 DOP testing company must also provide calibration certificates from an independent calibration firm or from the manufacturer of the testing equipment for both the aerosol photometer and the pressure gauge on the aerosol generator dated within 1 calendar year from the on-site testing date.
    - .3 DOP testing company must also provide the National Sanitation Foundation (NSF) certification name and number of the on-site technician performing the testing.
  - .4 Proof of calibration of DOP testing equipment.
- .4 Submit the following prior to isolating the work area:
- .1 Safety Data Sheets for chemicals or material used during the Abatement Project.
- .5 Submit the following upon completion of the work.
- .1 A waste disposal statement of intent, documenting that asbestos waste will be disposed of in accordance with provincial requirements.



.2 Manifests, waybills, bills of lading etc. as applicable for each type of waste.

### **1.11 Insurance**

- .1 Maintain a Commercial General Liability Policy with an insurance company acceptable to Pinchin Ltd. and OWNER. The intent of this policy is to hold Pinchin Ltd. and OWNER harmless as it relates to claims for Bodily Injury or Property Damage or both, relating to the contract. Commercial General Liability insurance shall be provided on an “occurrence” basis to cover injury or damage (whether detected or not during the policy period) which happens during the policy period.
- .2 Maintain an Automobile or Fleet Policy, and Non-owned Automobile Policy with an insurance company acceptable to Pinchin Ltd. and OWNER. The intent of these policies is to hold Pinchin Ltd. and OWNER harmless as it relates to claims for Bodily Injury or Property Damage or both, relating to the contract.
- .3 Maintain a Pollution Liability Policy (or asbestos/lead liability policy or specific coverage under the CGL for asbestos/lead abatement) with an insurance company acceptable to Pinchin Ltd. and OWNER. The intent of this policy is to hold Pinchin Ltd. and OWNER harmless as it relates to claims for Bodily Injury or Property Damage or both, relating to the contract. Pollution Liability shall be provided on an “occurrence” basis to cover injury or damage (whether detected or not during the policy period) which happens during the policy period. Without limiting the generality of the foregoing, the policy shall insure the operations of abatement and shall not contain any environmental and/or health hazard exclusions relating to remediation operations.
- .4 Forward all certificates to Pinchin Ltd. and OWNER before work is commenced, showing Pinchin Ltd. and OWNER as additional insured as their interest may appear.
- .5 Pinchin Ltd. and OWNER may request a certified true copy of the policies.
- .6 The limits will not be less than:
  - .1 Commercial General Liability \$5,000,000.00
  - .2 Automobile \$2,000,000.00
  - .3 Pollution Policy \$5,000,000.00

### **1.12 Inspection**

- .1 Provide and pay for site inspection services as specified herein.
- .2 Retain the services of the Abatement Consultant to perform at a minimum, one (1) randomly scheduled site inspection per 8 hour work shift during all active removal, repair or clean-up of hazardous materials.
- .3 From commencement of work until completion of clean-up operations, the Abatement Consultant will be empowered by the Owner to inspect for compliance with the requirements of governing authorities, adherence to specified procedures and materials, and to inspect for final cleanliness and completion.

- .4 The Abatement Consultant is empowered by the Owner to order a shutdown of work when leakage of asbestos from the controlled work area has occurred or is likely to occur.
- .5 Any deviation from the requirements of the Specifications or governing authorities that is not approved in writing may result in a stoppage of work, at no cost to the Owner.
- .6 Additional labour or materials expended by the Contractor to rectify unsatisfactory conditions, and to provide performance to the level specified, shall be at no additional cost to the Owner.
- .7 Any inspections performed as a result of Contractor's failure to perform satisfactorily regarding quality, safety, or schedule, shall be charged additionally to the Contractor.
- .8 Facilitate inspection and provide access as necessary. Make good work disturbed by inspection and testing at no cost to the Owner.
- .9 Refer to the Sections identified in Related Work for specified milestone inspections which are to take place at defined points throughout the abatement operation specific to each phase or work area.
- .10 Provide 24 hours written notice to the Abatement Consultant of any request for scheduling of milestone inspections or transportation of waste through Occupied Areas.
- .11 The following Milestone Inspections may take place, at the Owner's cost, as outlined in each related specification section OR which will be confirmed at the initial start-up meeting:
  - .1 Milestone Inspection - Clean Site Preparation
    - .1 Inspection of preparations and set-up prior to contaminated work in the Abatement Work Area.
  - .2 Milestone Inspection – Bulk Removal Inspection
    - .1 Inspection during hazardous materials removal, monitoring removal methods, site deficiencies, performing occupied air monitoring, etc.
  - .3 Milestone Inspection - Visual Clearance
    - .1 Inspection of Abatement Work Area after completion of all abatement, but prior to application of lock-down agents or dismantling of enclosure.
  - .4 Milestone Inspection – Clearance Sampling
    - .1 Air monitoring performed following removal of asbestos and application of slow drying sealer to ensure fibre levels inside the enclosure(s) are within the acceptable limits.
    - .2 Lead wipe sampling performed following removal of lead containing materials, cleaning and drying time to ensure lead concentrations on remaining are within the acceptable limits.
  - .5 Milestone Inspection – Dismantling Inspection
    - .1 Inspection of the Abatement Work Area and adjacent areas, following completion of all abatement and required air sampling, but prior to

- Contractor demobilization from the Site.
- .2 Inspection of the Abatement Work Area and adjacent areas, following completion of all abatement and required air sampling, but prior to re-establishment of items.
- .12 Do not proceed with next phase of work until written approval of each milestone is received from the Abatement Consultant.

### **1.13 Air Monitoring - Asbestos**

- .1 Provide and pay for air monitoring services as specified herein.
- .2 Retain the services of the Abatement Consultant to complete at a minimum, the following level of air monitoring:
  - .1 Collection and analysis of one (1) PCM air sample at the perimeter of each separate Abatement Work Area once per 8-hour work shift during all active removal, repair or clean-up of asbestos-containing or asbestos-contaminated materials.
  - .2 Collection and analysis of one (1) PCM air sample within the Clean Room of each Abatement Work Area once per 8-hour work shift during all active removal, repair or clean-up of asbestos-containing or asbestos-contaminated materials.
  - .3 Collection and analysis of one (1) occupational (personal) PCM air sample within each separate Abatement Work Area once per 8-hour work shift during all active removal, repair or clean-up of asbestos-containing or asbestos-contaminated materials.
  - .4 Collection and analysis of one (1) PCM air sample, per every 2,500 sq. ft., to be collected within each Abatement Work Area following the completion of all asbestos removal, repairs or clean-up, but prior to re-occupancy of the area by non-protected personnel.
- .3 Air monitoring will be performed using Phase Contrast Microscopy (PCM) following the National Institute for Occupational Safety and Health (NIOSH) Method 7400.
- .4 Co-operate in the collection of air samples, including providing workers to wear sample pumps for up to full-shift periods (occupational or personal samples). Contractor will be responsible for the cost of testing equipment repairs or resampling resulting from the actions of the Contractor's forces.
- .5 Results of PCM samples of 0.05 fibres per cubic centimeter of air (fibre/cc) or greater, outside an Abatement Work Area, or from within the Abatement Work Area during or following Glove Bag Work, will indicate asbestos contamination of these areas. Respond as follows:
  - .1 Suspend work within the adjoining Abatement Work Area until written authorization to resume work has been received from the Abatement Consultant.
  - .2 Isolate and clean area in the same manner applicable to the Abatement Work

- Area.
- .3 Maintain work area isolation and repeat clean-up operations until visually inspected and air monitoring results are at a level equal to that specified.
  - .4 At the discretion of the Abatement Consultant provide additional negative air units at locations specified in response to elevated fibre levels being detected in the Clean Change Room or Occupied Areas.
  - .6 Results of 0.01 fibres per cubic centimeter of air (fibre/cc) or greater, collected within the Abatement Work Area enclosure after the site has passed a visual inspection, and an acceptable coat of lock-down agent has been applied, will indicate asbestos contamination of these areas. Respond as follows: enclosure after the site has passed a visual inspection, and an acceptable coat of lock-down agent has been applied, will indicate asbestos contamination of these areas. Respond as follows:
    - .1 Maintain work area isolation and re-clean entire work area. Then apply another acceptable coat of lock-down agent to exposed surfaces throughout the work area.
    - .2 Repeat above measures until visually inspected and air monitoring results are at a level equal to that specified.
  - .7 When results exceed 50% of maximum use concentration for the respirator being used within the Work Area, respond as follows: respond as follows:
    - .1 Immediately stop work within the Abatement Work Area.
    - .2 Instruct workers to exit the Abatement Work Area via the Worker Decontamination Facility while observing specified personnel exiting procedures.
    - .3 Contractor's forces shall not re-enter the Abatement Work Area for a period of 8 hours or until authorized by the Abatement Consultant.
    - .4 Upon re-entry to the Abatement Work Area, mist the air, any fallen debris or exposed surfaces with amended water using an airless sprayer.
  - .8 Additional labour or materials expended by the Contractor to rectify unsatisfactory conditions and to provide performance to the level specified shall be at no additional cost to the Owner.
  - .9 Cost of additional inspection and sampling performed as a result of elevated fibre levels in areas outside the Abatement Work Area or from within the work area following completion of work, will be back-charged to the Contractor.

#### **1.14 Worker Protection**

- .1 Instruct workers before allowing entry to the Low or Moderate Abatement Work Area. Instruction shall include training in use of respirators, dress, showering, entry and exiting from an Abatement Work Area, and all other aspects of work procedures and protective measures.
- .2 Workers must possess a valid Occupational Health & Safety for the Asbestos Worker training card prior to entry into a High Risk Abatement Work Area. Workers must not enter into a Restricted Area without a valid card.
- .3 Workers shall not eat, drink, chew gum or tobacco, or smoke in the Abatement Work Area.
- .4 Workers shall be fully protected at all times when possibility of disturbance of hazardous materials exists.
- .5 Provide soap, towels and facilities for washing of hands and face, which shall be used by all personnel when leaving the Abatement Work Area.
- .6 Respiratory Protection
  - .1 Refer to each particular Section of the Specification for specified type of respiratory equipment specific to each phase or work area.
  - .2 Respirators shall be:
    - .1 Used in accordance with the Occupational Health and Safety Code.
    - .2 Certified by the National Institute of Occupational Safety and Health (NIOSH) or other organization acceptable in the provincial legislation.
    - .3 Selected and used in accordance with Canadian Standards Association (CSA) Standard Z94.4-11, Selection, Care, and Use of Respirators.
    - .4 Fitted so that there is an effective seal between the respirator and the worker's face. Ensure that no person required to enter an Abatement Work Area has facial hair which affects the seal between respirator and face.
    - .5 Assigned to a worker for their exclusive use.
    - .6 Maintained in accordance with manufacturer's specifications.
    - .7 Cleaned, disinfected and inspected by a competent person after use on each shift, or more often if required.
    - .8 Repaired or have damaged or deteriorated parts replaced.
    - .9 Stored in a clean and sanitary location.
    - .10 Provided with new filters as necessary, according to manufacturer's instructions.
    - .11 Worn by personnel who have been fit checked by qualitative or quantitative fit-testing.
    - .12 Instruction on proper use of respirators must be provided by a competent person.
  - .3 Provide protective clothing, to all personnel which:
    - .1 Is made of a material that does not readily retain nor permit penetration of asbestos fibres or lead/silica dust.
    - .2 Consists of head covering and full body covering that fits snugly at the ankles, wrists and neck.

- .3 Once coveralls are worn, treat and dispose of as contaminated waste.
- .4 Is replaced or repaired if torn or ripped.
- .4 Use hard hats, safety footwear and other protective equipment and apparel required by applicable construction safety regulations.

### **1.15 Visitor Protection**

- .1 Provide clean protective clothing and equipment to Authorized Visitors.
- .2 Instruct Authorized Visitors in the use of protective clothing and Abatement Work Area entry and exit procedures.
- .3 Visitors may not enter a High Risk Abatement Work Area and/or a Restricted Area without a valid Occupational Health & Safety for the Asbestos Worker training card.

### **1.16 Signage**

- .1 Asbestos Abatement Signs: Post signs at access points to the Abatement Work Area, stating at minimum, the following:
  - .1 Caution: asbestos dust hazard.
  - .2 Access to the work area is prohibited except to authorized persons wearing protective clothing and equipment.
- .2 Lead Abatement Signs: Post signs at access points to the Abatement Work Area, stating at minimum, the following:
  - .1 There is a lead dust, fume or mist hazard.
  - .2 Access to the work area is restricted to authorized persons.
  - .3 Respirators must be worn in the work area.
- .3 Silica Warning Signs: Post signs at access points to the Abatement Work Area, stating at minimum, the following:
  - .1 There is a silica dust hazard.
  - .2 Access to the work area is restricted to authorized persons.
  - .3 Respirators must be worn in the work area.
- .4 Bins and Asbestos Waste Containers: Post signs on both sides of every asbestos waste container. Signs must display thereon in large, easily legible letters that contrast in colour with the background the word “CAUTION” in letters not less than ten centimetres in height and the words:
  - .1 CONTAINS ASBESTOS FIBRES
  - .2 Avoid Creating Dust and Spillage
  - .3 Asbestos May be Harmful to Your Health
  - .4 Wear Approved Protective Equipment.



- .5 Place placards in accordance with Transportation of Dangerous Goods Act.

**1.17 Differential Pressure Monitoring**

- .1 Provide and install differential pressure monitors as specified in each section.
- .2 Replace damaged or non-functional equipment at the request of the Abatement Consultant.
- .3 Record at minimum twice daily, and when damage to the enclosure is identified and repaired, the following information:
  - .1 Name of inspector.
  - .2 Date and time.
  - .3 Pressure reading.
  - .4 Repairs completed, if applicable.
- .4 Maintain specified differential pressure.
- .5 Stop contaminated work and take corrective action if pressure differential drops below the specified level. Notify the Abatement Consultant immediately.

**1.18 Waste and Material Handling**

- .1 Waste bins must be placed on grade or in receiving.
- .2 All bins for hazardous materials must be covered and locked when waste transfer is not being performed.
- .3 Ensure redundant non-ACM rubble, debris, etc. removed during contaminated work is treated, packaged, transported and disposed of as appropriate waste.
- .4 Clean, wash and apply Post Removal Sealant to metal waste prior to removal from Abatement Work Area. Recycle metals.
- .5 Clean, wash and apply Post Removal Sealant to non-porous materials prior to disposal as clean waste. Obtain prior written approval from the Abatement Consultant for each individual type of material.
- .6 Clean and wash equipment prior to removal from Abatement Work Area if removed prior to completion.
- .7 Place all equipment, tools and unused materials that cannot be cleaned in Abatement Waste Containers.
- .8 As work progresses, and at regular intervals, transport the sealed and labelled waste containers from the Abatement Work Area to waste bin.
- .9 Place items in bins according to waste classification. Place asbestos waste, lead waste, metals, non-asbestos waste, etc. in separate bins.

- .10 Removal of waste containers and decontaminated tools and materials from the Abatement Work Area shall be performed as follows:
  - .1 Remove any visible contamination from the surface of non-porous or cleanable waste being removed from the Abatement Work Area. If the item can be cleaned, remove it from the site as clean waste.
  - .2 Place waste or item in Waste Container and seal closed.
  - .3 Wet wipe outside of Waste Container.
  - .4 Within Decontamination Facility, Transfer Room or at the perimeter of the Abatement Work Area, place in second Waste Container. Seal closed.
  - .5 Remove waste containers and transport to appropriate bin.
- .11 Transport waste and materials via the predetermined routes and exits. Arrange waste transfer route with Owner. Use a closed, covered cart to transport through Occupied Areas.
- .12 Use Low Risk Procedures while transporting asbestos waste through facility.
- .13 Provide workers transporting waste with means to access appropriate personal protective equipment and all tools required to properly clean up spilled material in the case of a rupture of a Waste Container.
- .14 Pick-up and drop off of garbage bin shall be at pre-approved times and must not interfere with the Owner's operations.
- .15 Transport hazardous waste to landfill or waste transfer station in accordance with provincial requirements.
- .16 Cooperate with representatives of the provincial Ministry of the Environment and Parks and immediately carry out instructions for remedial work at the landfill, at no additional cost to the Owner.

## **PART 2 PRODUCTS AND FACILITIES**

### **2.1 Materials and Equipment**

- .1 Refer to the Sections identified in Related Work for specified materials, equipment or facilities specific to each phase or work area.
- .2 Materials and equipment must be in good condition and free of debris and fibrous materials. Disposable items must be of new materials only.
- .3 Airless Sprayer: AC powered pressure washer that allows wetting agent to mix with water, uses no air or compressed air, and has a nozzle to regulate power and pressure.
- .4 Amended Water: Water with wetting agent added for purpose of reducing surface tension to allow thorough wetting of materials.

- .5 Asbestos Waste Container: A container acceptable to the landfill and the provincial Ministry of the Environment and Parks, that is:
  - .1 Dust tight.
  - .2 Suitable for the type of waste.
  - .3 Impervious to asbestos.
  - .4 Identified as asbestos waste.
- .6 Differential Pressure Monitor: a high precision instrument for measuring and controlling pressure differences in the low range, between the Abatement Work Area and Occupied Area. Calibrate regularly to manufacturer's instructions.
- .7 Discharge Ducting: Polyethylene Tubing. Reinforced with wire. Diameter to equal negative pressure machine discharge. Not to be longer than required, or so long that negative pressure is compromised.
- .8 Ground Fault Panel: Electrical panel as follows:
  - .1 Ground fault circuit interrupters of sufficient capacity to power temporary electrical equipment and lights in the Abatement Work Area.
  - .2 Interrupters to have a 5 mA ground fault protection.
  - .3 Necessary accessories including main switch disconnect, ground fault interrupter lights, test switch to ensure unit is working, and reset switch.
  - .4 Openings sealed to prevent moisture or dust penetration.
  - .5 Inspected by the Electrical Safety Authority.
  - .6 Panel uses CSA approved parts and been constructed, inspected and installed by a licensed electrician.
  - .7 Provide one Ground Fault Panel for each 5,000 square feet (500 square metres) of Abatement Work Area.
- .9 HEPA Filtered Negative Pressure Machine: Portable air handling system which extracts air directly from the Abatement Work Area and discharges the air to the exterior of the building. Equipped as follows:
  - .1 Prefilter and HEPA filter. Air must pass HEPA filter before discharge.
  - .2 Pressure differential gauge to monitor filter loading.
  - .3 Auto shut off and warning system for HEPA filter failure.
  - .4 Separate hold down clamps to retain HEPA filter in place during change of prefilter.

- .10 HEPA Vacuum: Vacuum with necessary fittings, tools and attachments. Discharged air must pass through a HEPA filter.
- .11 Hose: Leak-proof, minimum bursting strength of 500 pounds per square inch (PSI) or greater if required, abrasion resistant covering, reinforcing, and machined-brass couplings. Maintained and tested. Hose to be temperature resistant if it is to carry domestic hot water.
- .12 Lead Waste Container: An impermeable container acceptable to the landfill and the provincial Ministry of the Environment and Parks, that is:
  - .1 Dust tight.
  - .2 Suitable for the type of waste.
  - .3 Evaluated for leachable lead content and disposed of in accordance with applicable regulations.
    - .1 Where lead waste exceeds 5.0 mg/L of lead in the TCLP analysis, label as lead waste and dispose of as hazardous waste in a Class I landfill.
    - .2 Where lead waste is below 5.0 mg/L of lead in the TCLP analysis, disposed of as construction waste in a Class II landfill.
- .13 OSB: Oriented Strand Board.
- .14 Polyethylene Sheeting : 6 mil (0.15 mm) minimum thickness unless otherwise specified, in sheet size to minimize joints.: 6 mil (0.15 mm) minimum thickness unless otherwise specified, in sheet size to minimize joints.
- .15 Post Removal Sealant (or Lockdown): Sealant that when applied to surfaces serves the function of trapping residual asbestos fibres or other dust. Product must have flame spread and smoke development ratings both less than 50. Product shall leave no stain when dry. Post Removal Sealant shall be compatible with replacement insulation or fireproofing where required and capable of withstanding service temperature of substrate. Apply to manufacturer's instructions.
- .16 Protective Clothing: Disposable coveralls complete with head covering and full body covering that fits snugly at the ankles, wrists and neck.
- .17 Rip-Proof Polyethylene Sheeting: 8 mil (0.20 mm) fabric made up from 5 mil (0.13 mm) weave and two (2) layers of 1.5 mil (0.05 mm) poly laminate or approved equal. In sheet size to minimize on-site seams and overlaps.
- .18 Shower Hose: Water lines for supply of hot & cold water to shower facilities to be rated for use at 200 PSI (1380 kilo pascals [kPa]) or twice the working pressure whichever is greater. Supply lines to be continuous and free of fittings, joints or couplings.
- .19 Sprayer: Garden type portable manual sprayer or water hose with spray attachment if suitable.

- .20 Tape: Duct tape or tape suitable for sealing polyethylene to surfaces under both dry and wet conditions in the presence of Amended Water.
- .21 Wetting Agent: Non-sudsing surfactant added to water to reduce surface tension and increase wetting ability.

### **PART 3 EXECUTION**

- .1 Refer to the Sections identified in Related Work for specified procedures for work area preparation, maintenance, site dismantlement, application of lock-down agent and all other procedures for the safe handling, removal and clean-up of hazardous materials specific to each phase or work area.

### **END OF SECTION**

\\FSCAL\Job\310000s\0310590.000 TownOfDrumheller,702Premier,HAZ,CONS\Deliverables\02 81 00 Hazardous Materials - General Provisions AB.docx

## **PART 1 GENERAL**

### **1.1 General and Related Work**

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
  - .1 Section 02 81 00 Hazardous Materials – General Provisions

### **1.2 Outline of Work**

- .1 The intent of this Section is to provide safe work practices and procedures to govern the handling, removal, clean-up and disposal of asbestos-containing materials following Low Risk procedures, as well as Pinchin and Owner specific requirements.

### **1.3 Instruction and Training**

- .1 Provide instruction and training to all workers including the following:
  - .1 Hazards of asbestos.
  - .2 Use, care and disposal of protective equipment (including but not limited to respirators and filters) and clothing that would be used and worn during abatement work, including:
    - .1 Limitations of equipment.
    - .2 Inspection and maintenance of equipment.
    - .3 Proper fitting of equipment.
    - .4 Disinfecting and cleaning of equipment.
  - .3 Personal hygiene to be observed when performing the work.
  - .4 The measures and procedures prescribed by this section, including decontamination of the worker.
- .2 Instruction and training must be provided by a competent person.

### **1.4 Personal Protection**

- .1 Protect all personnel at all times when possibility of disturbance of ACM exists.
  - .1 Provide non-powered half-face respirators with P100 high efficiency (HEPA) cartridge filters.
  - .2 Provide protective clothing, to all personnel entering the Abatement Work Area, including:
    - .1 Disposable protective clothing that does not readily retain or permit skin contamination, consisting of full body covering including head covering with snug fitting cuffs at wrists, ankles, and neck.
  - .3 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.

### **1.5 Inspections**

- .1 Refer to Part 1.12 Inspections in Section 02 81 00 – General Provisions.
- .2 The following Milestone Inspections are to be scheduled:
  - .1 Milestone Inspection - Clean Site Preparation
  - .2 Milestone Inspection – Bulk Removal Inspection



- .3 Milestone Inspection - Visual Clearance
- .4 Milestone Inspection – Clearance Sampling
- .5 Milestone Inspection – Dismantling Inspection

**PART 2 PRODUCTS AND FACILITIES**

- .1 Refer to Section 02 81 00.

**PART 3 EXECUTION**

**3.1 Site Preparation**

- .1 Remove stored or non-fixed items from the Abatement Work Area including but not limited to equipment, furniture, waste etc. Store in area provided by Owner.
- .2 Remove visible dust and friable material from all surfaces in the work area including those to be worked on, using HEPA Vacuums or wet wiping.
- .3 Install polyethylene sheeting on openings in walls and floors (as required) and seal.
- .4 Install barriers and signage in clearly visible locations and in sufficient number to adequately warn of an asbestos dust hazard.
- .5 Provide power from ground fault interrupt circuits.
- .6 Provide amended water for wetting ACM, and adequate method of wetting (garden sprayers, airless sprayers, etc.).
- .7 Without disturbing asbestos-containing materials, remove and dispose of non-hazardous materials as clean waste prior to asbestos removal work, where possible.

**3.2 Maintenance of Abatement Work Area**

- .1 Inspect polyethylene sheeting and ensure it is effectively sealed and taped. Repair damage and remedy defects immediately.
- .2 Inspect electrical panels and ensure locks and tags are on panels prior to entering the Abatement Work Area.
- .3 Maintain Abatement Work Area in tidy condition.
- .4 Remove any standing water on polyethylene/floor at the end of every shift.
- .5 Turn off water supply to any hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.

**3.3 Asbestos Removal - General**

- .1 Do not use powered tools or non-hand-held tools.
- .2 Do not use compressed air to clean or remove dust or debris.
- .3 Do not break, cut, drill, abrade, grind, sand or vibrate ACM if it cannot be wetted. Moderate Risk procedures would be required if the material cannot be adequately wetted due to hazard or damage.
- .4 Wet ACM prior to work and keep ACM wet throughout the removal process.
- .5 Frequently and at regular intervals during the work, clean up dust and waste using HEPA vacuums and/or wet sweeping or mopping.
- .6 Frequently and at regular intervals, place all waste in asbestos waste containers.
- .7 Immediately upon completion of work, clean area with HEPA vacuum and/or wet

sweeping or mopping.

### **3.4 Asbestos Removal - Vinyl Asbestos Tile**

- .1 Wedge a heavy duty scraper in seam of two adjoining tiles and gradually force edge of one tile up and away from floor. Do not break off pieces of tile, but continue to force balance of tile up.
- .2 Place tile, without breaking into smaller pieces, into Asbestos Waste Container.
- .3 Force scraper through tightly adhered areas by striking scraper handle with a hammer.
- .4 Heat tile thoroughly with a hot air gun until heat penetrates through tile and softens adhesive in areas where scraper will not remove tile.
- .5 Scrape up adhesive remaining on floor with a hand scraper until only a thin smooth film remains.
- .6 Use a hot air gun where deposits are heavy or difficult to scrape.
- .7 Deposit scrapings into asbestos waste disposal bag.
- .8 HEPA vacuum floor on completion of work in area.

### **3.5 Asbestos Removal - Removal of Other Non-Friable Asbestos Materials**

- .1 Wet all material to be disturbed.
- .2 Undo fasteners if necessary to remove material.
- .3 Break material only if unavoidable, and wet material if broken during work.
- .4 Use only non-powered hand-held tools to remove ACM.
- .5 Scrape to remove material adhered to substrate.
- .6 Place removed ACM directly into an asbestos waste container.

### **3.6 Abatement Work Area Dismantling**

- .1 Wash or HEPA vacuum equipment and tools used in contaminated Abatement Work Area to remove all asbestos contamination, or place in Asbestos Waste Containers prior to being removed from Abatement Work Area.
- .2 Place tools and equipment used in contaminated work site but not cleaned in polyethylene bags prior to removal from Abatement Work Area.
- .3 Clean polyethylene sheeting and drop sheets which with HEPA vacuum or wet cleaning methods at completion of work.
- .4 Wet drop sheets and polyethylene sheeting.
- .5 Carefully roll polyethylene sheeting and drop sheets toward the centre. As polyethylene is rolled away, immediately remove visible debris beneath with a HEPA vacuum.
- .6 Remove remaining polyethylene sheeting and tape.
- .7 Place polyethylene sheeting, drop sheets, tape, disposal clothing and other contaminated waste in asbestos waste containers, wet wipe and place in second asbestos waste container.

### **3.7 Waste and Material Handling**

- .1 Refer to Section 02 81 00.

**END OF SECTION**

\\FSCAL\Job\310000s\0310590.000 TownOfDrumheller,702Premier,HAZ,CONS\Deliverables\02 82 00.01 Asbestos Abatement - Low Risk Precautions AB.docx

**PART 1 GENERAL**

**1.1 General and Related Work**

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
  - .1 Section 02 81 00 Hazardous Materials – General Provisions

**1.2 Outline of Work**

- .1 Remove and dispose of the following materials as clean waste prior to asbestos removal work without disturbing asbestos-containing materials:
  - .1 Carpet, thresholds, tack strips and underpad.
  - .2 Millwork and cabinets.
  - .3 Doors and door hardware.
- .2 Using Moderate Risk procedures of this section, remove and dispose of the following:
  - .1 Asbestos-containing mechanical insulations and debris in the following locations:
    - .1
  - .2 Asbestos-containing lay-in ceiling tiles, grid, hangers in the following locations:
    - .1
  - .3 Asbestos-containing laminated ceiling tiles, grid, support system, hangers and drywall substrate in the following locations:
    - .1
  - .4 Asbestos-containing vinyl sheet flooring complete with paper underpad in the following locations:
    - .1
  - .5 Drywall with drywall joint compound containing asbestos, fasteners, strapping, hangers and studs in the following locations:
    - .1
  - .6 Asbestos-containing plaster, lath, strapping, studs, in the following locations:
    - .1

**1.3 Instruction and Training**

- .1 Provide instruction and training to all workers including the following:
  - .1 Hazards of asbestos.
  - .2 Use, care and disposal of protective equipment (including but not limited to respirators and filters) and clothing that would be used and worn during abatement work, including:
    - .1 Limitations of equipment.
    - .2 Inspection and maintenance of equipment.
    - .3 Proper fitting of equipment.
    - .4 Disinfecting and cleaning of equipment.
  - .3 Personal hygiene to be observed when performing the work.

- .4 The measures and procedures prescribed by this section including decontamination of the worker.
- .5 Instruction and training must be provided by a competent person.

#### **1.4 Personal Protection**

- .1 Protect all personnel at all times when possibility of disturbance of ACM exists.
  - .1 Provide workers, at a minimum, with non-powered half-face respirators with P100 high efficiency (HEPA) cartridge filters.
  - .2 Provide workers, at a minimum, with full face respirators with P100 high efficiency (HEPA) cartridge filters, for:
    - .1 Removal of all or part of a ceiling if asbestos is likely lying on the surface.
    - .2 Use of a HEPA filtered power tool on non-friable ACM if the material is not wetted.
  - .3 Provide protective clothing, to all personnel entering the Abatement Work Area, including:
    - .1 Disposable protective clothing that does not readily retain or permit skin contamination, consisting of full body covering including head covering with snug fitting cuffs at wrists, ankles, and neck.
  - .4 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.

#### **1.5 Inspections**

- .1 Refer to Part 1.12 Inspections in Section 02 81 00 – General Provisions.
- .2 The following Milestone Inspections expectations are to be scheduled:
  - .1 Milestone Inspection - Clean Site Preparation
  - .2 Milestone Inspection – Bulk Removal Inspection
  - .3 Milestone Inspection - Visual Clearance
  - .4 Milestone Inspection – Clearance Sampling
  - .5 Milestone Inspection – Dismantling Inspection

### **PART 2 PRODUCTS AND FACILITIES**

- .1 Refer to Section 02 81 00.

#### **2.2 Hoarding Walls**

- .1 Type A Hoarding Wall: One layer of rip-proof polyethylene sheeting installed floor to ceiling, secured with telescopic poles, clips, or other suitable methods.
- .2 Type B Hoarding Wall: 38 mm x 89 mm wood or metal studs at 400 mm o/c with continuous sill and top plate, covered with one layer of rip-proof polyethylene sheeting on each side of wall.
- .3 Type C Hoarding Wall: 38 mm x 89 mm wood or metal studs at 400 mm o/c with continuous sill and top plate, covered with one layer of polyethylene sheeting on each side of wall. Install 13 mm OSB, plywood or gypsum board over polyethylene sheeting on Occupied Area side. Paint Occupied Area side of plywood, OSB, or gypsum board with one coat of primer and one coat of flat white latex.

- .4 **Windows:** Install sufficient transparent windows area in hoarding walls to allow observation of entire work area from outside the enclosure where existing solid walls do not make up the perimeter.

### **2.3 Clean Room**

- .1 Clean Room to be generally 2000 mm x 2000 mm x 2200 mm high. Increase size accordingly to accommodate number of workers.
- .2 Install walls as follows:
  - .1 Install 38 x 89 mm wood framing at 610 mm o/c with continuous top and sill plates.
  - .2 Install one layer rip-proof polyethylene sheeting on interior walls of Clean Room.
- .3 Install one layer of rip-proof polyethylene sheeting over two layers of 6 mil polyethylene sheeting on floor.
- .4 Install one layer of rip-proof polyethylene sheeting over roof.
  - .1 Turn 600 mm of polyethylene down the sides over the polyethylene on the perimeter walls.
- .5 Install a fire extinguisher, mount to wall.

### **2.4 Curtained Doorways**

- .1 Construct as follows:
  - .1 Install two flap doors, full width and height of door opening at all doors to Abatement Work Area and both ends of Transfer Room.
  - .2 Construct each flap door of two layers of polyethylene sheeting with all edges reinforced with tape. Use wood strapping to securely fasten flap doors to head and alternate jambs.
  - .3 Install weights attached to bottom edge of each door flap.
  - .4 Provide direction arrows on flaps to indicate opening.

## **PART 3 EXECUTION**

### **3.1 Site Preparation - General**

- .1 Remove visible dust and friable material from all surfaces in the work area including those to be worked on, using HEPA Vacuums or wet wiping.
- .2 Isolate, at panel, and disconnect existing power supply to Abatement Work Area. Power supply to remaining areas of building must not be disrupted during work of this section.
  - .1 Lock-out/tag-out power at electrical panels.
  - .2 Mark/tag any items within or passing through the Abatement Work Area that are to remain live including but not limited to cable, conduit, wire, fixtures, equipment panels, etc.
- .3 Provide power from ground fault interrupt circuits.
- .4 Provide amended water for wetting ACM, and adequate method of wetting (garden sprayers, airless sprayers, etc.).

### **3.2 Site Preparation –Enclosure Required**

- .1 Install polyethylene enclosure, complete with Windows, at Abatement Work Area:

- .2 Install Transfer Room.
- .3 Install Curtained Doorways.
- .4 Install polyethylene sheeting at openings in walls (as required) and seal.
- .5 Seal openings in floor using tape, caulking, polyethylene, etc. Floor openings are to be sealed independently prior to installation of floor polyethylene.
- .6 Install polyethylene sheeting on floors of Abatement Work Area. Use enough layers to provide adequate protection for carpeting and equipment.
  - .1 Minimum requirement over carpet is one layer of 6 mil polyethylene under one layer of rip-proof polyethylene.
  - .2 Cover floors first so that polyethylene on walls is overlapped by at least 305 mm.
- .7 Install 6 mil polyethylene sheeting on walls within the Abatement Work Area., including existing walls that make up, or are within, the Abatement Work Area.
- .8 Provide a completely sealed polyethylene ceiling for free standing enclosures.
- .9 Extend to underside of ceiling system, enclosures for access into ceilings. Enclosure may be supported from the ceiling system if ceiling can support the polyethylene.
- .10 Install temporary lighting in enclosure to a level that will provide for safe and efficient use of work area - minimum 550 LUX.
- .11 Establish negative pressure in Abatement Work Areas as follows:
  - .1 Provide enough HEPA filtered negative pressure machines to exchange a volume of air equivalent to that of the Abatement Work Area a minimum of every 15 minutes.
  - .2 Arrange negative air units to maximize the distance between units and decontamination facilities.
  - .3 Provide weighted flaps in perimeter Hoarding Walls as necessary to provide make-up air.
  - .4 Operate HEPA filtered negative pressure machines continuously from first disturbance of ACM until completion of dismantling.
  - .5 Replace prefilters to maintain specified flow rate.
  - .6 Replace HEPA filter as required to maintain flow rate and integrity of unit.
  - .7 Discharge HEPA filtered negative air machines as follows:
    - .1 To building exterior.
      - .1 Remove existing glazing where necessary and replace with a 19 mm plywood panel.
      - .2 Install panel securely in window frame so that it cannot be pushed into the building and make weather-tight with caulking.
      - .3 For each negative pressure unit, provide a 300 mm diameter, screened, duct opening through panel.
      - .4 Direct discharge away from building access points.



- .8 Use polyethylene discharge ducting. Use metal reinforced polyethylene discharge ducting in locations where the ducting must be protected from damage or collapse.
- .9 Install and make airtight all negative air discharge ducting running through occupied areas.
- .12 Place required tools to complete the abatement with the Abatement Work Area.
- .13 Install Signage in clearly visible locations and in sufficient numbers to adequately warn of an asbestos dust hazard.

### **3.3 Site Preparation – No Enclosure Required**

- .1 Cover walls, floors, finishes, millwork, equipment and furnishings remaining in the Abatement Work Area with polyethylene sheeting before disturbing ACM to control the spread of dust.
- .2 Install caution tape around work area where existing walls are not present.
- .3 Install Signage in clearly visible locations and in sufficient numbers to adequately warn of an asbestos dust hazard.
- .4 Install temporary lighting in Abatement Work Area to a level that will provide for safe and efficient use of Work Area - minimum 550 LUX.
- .5 Place HEPA vacuum in Abatement Work Area.
- .6 Place required tools to complete the abatement with the Abatement Work Area.

### **3.4 Maintenance of Abatement Work Area**

- .1 Inspect polyethylene sheeting and ensure it is effectively sealed and taped. Repair damage and remedy defects immediately.
- .2 Inspect electrical panels and ensure locks and tags are on panels prior to entering the Abatement Work Area.
- .3 Inspect HEPA filtered negative pressure machines including discharge ducting at the beginning and end of each working period. Inspection must be performed by competent person.
- .4 Maintain Abatement Work Area in tidy condition.
- .5 Remove standing water on polyethylene/floor at the end of every shift.
- .6 Turn off water supply to any hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.

### **3.5 Asbestos Removal - General**

- .1 Do not use compressed air to clean or remove dust or debris.
- .2 Frequently and at regular intervals during the work, clean up dust and waste using HEPA vacuums and/or wet sweeping or mopping.
- .3 Frequently and at regular intervals, place all waste in asbestos waste containers.
- .4 Immediately upon completion of work, clean area with HEPA vacuum and/or wet sweeping or mopping.

### **3.6 Asbestos Removal - Mechanical Insulation (less than 1 Square Foot)**

- .1 Use the procedures described above under *Site Preparation –No Enclosure Required*.

- .2 Adequately wet exterior of the ACM with amended water to suppress dust.
- .3 Remove asbestos-containing mechanical insulations in layers, maintaining all exposed surfaces of insulation in a wet condition.
- .4 Remove wetted ACM directly into waste containers. Do not allow ACM to fall to the floor of the Abatement Work Area.
- .5 Hold the nozzle of a HEPA vacuum adjacent to the surface of the mechanical insulation to capture dust disturbed during the removal.
- .6 Clean all surfaces from which ACM has been removed with scouring pads, vacuuming or wet-sponging to remove all visible material after completion of removal of ACM.
- .7 Remove visible dust and debris.
- .8 Seal exposed ends of asbestos-containing mechanical insulation to remain, with canvas and lagging.
- .9 HEPA vacuum or wet clean entire Abatement Work Area, including any surfaces not covered with polyethylene sheeting. Any materials that were removed to access the ACM that are to be re-used, and any abatement equipment, must be wet cleaned or HEPA vacuumed prior to completion.
- .10 Apply Post Removal Sealant to all surfaces within the Abatement Work Area including those from which ACM has been removed.

**3.7 Asbestos Removal - Texture Finish (less than 1 Square Foot)**

- .1 Use the procedures described above under *Site Preparation –No Enclosure Required*.
- .2 Adequately wet exterior of the ACM with amended water to suppress dust.
- .3 Scrape wetted ACM directly into waste containers. Do not allow ACM to fall to the floor of the Abatement Work Area.
- .4 Hold the nozzle of a HEPA vacuum adjacent to the surface of the cutting surface to capture dust disturbed during the removal.
- .5 Clean all surfaces from which ACM has been removed with scrapers, scouring pads, vacuuming or wet-sponging, etc. to remove all visible material after completion of removal of ACM.
- .6 Remove visible dust and debris.
- .7 HEPA vacuum or wet clean the entire Abatement Work Area, including any surfaces not covered with polyethylene sheeting. Any materials that were removed to access the ACM that are to be re-used, and any abatement equipment, must be wet cleaned or HEPA vacuumed prior to completion.
- .8 Apply Post Removal Sealant to all surfaces within the Abatement Work Area including those from which ACM has been removed.

**3.8 Asbestos Removal – Vinyl Sheet Flooring (less than 100 square feet)**

- .1 Construct an enclosure around Abatement Work Area and use the procedures described above under *Site Preparation –Enclosure Required*.
- .2 Use only hand-help non-powered tools.
- .3 Remove binding strips or other restrictive mouldings.
- .4 Make series of cuts 100 to 200 mm apart through top layers and about halfway through

- paper backing/underpad.
- .5 Pry up a strip or vinyl sheet flooring at corner of Abatement Work Area and work to centre.
  - .6 Pull sheet back upon itself slowly and evenly along with any adhering underpad which remains attached to top layers.
  - .7 Roll up strip (finished side out) into tight roll, tape or tie securely, and place into Asbestos Waste Container.
  - .8 As vinyl sheet flooring is removed, wet all exposed ACM underpad/backing with Amended Water.
  - .9 Remove remaining adhered underpad by wet scraping as follows:
    - .1 Wet underpad with amended water applied by sprayer.
    - .2 Scrape off all remaining material including mastic.
    - .3 Place scrapings in Asbestos Waste Container.
  - .10 Allow floor to dry and clean with HEPA vacuum.
  - .11 Wet clean or HEPA vacuum Abatement Work Area, including any surfaces not covered with polyethylene sheeting. Any materials removed to access ACM that are to be re-used, and any abatement equipment, must be wet cleaned or vacuumed prior to completion.
  - .12 Apply a coat of Post Removal Sealer to all surfaces within the Abatement Work Area from which ACM has been removed.

**3.9 Asbestos Removal - Ceiling tiles (less than 100 square feet)**

- .1 Construct an enclosure around Abatement Work Area and use the procedures described above under *Site Preparation –Enclosure Required*.
- .2 Mist surface of ceiling tiles.
- .3 Remove ceiling tiles intact. Do not break or pulverize.
- .4 Place directly into asbestos waste container.
- .5 Remove visible dust and debris including at grid.
- .6 Do not damage or remove grid.
- .7 Allow floor to dry and clean with HEPA vacuum.
- .8 Wet clean or HEPA vacuum Abatement Work Area, including any surfaces not covered with polyethylene sheeting (i.e. ceiling grid). Any materials removed to access ACM that are to be re-used, and any abatement equipment, must be wet cleaned or vacuumed prior to completion.
- .9 Remove ceiling grid and support system and dispose of as clean waste where specified to be removed.
- .10 Apply a coat of Post Removal Sealer to all surfaces within the Abatement Work Area from which ACM has been removed.

**3.10 Asbestos Removal - Drywall with Asbestos Drywall Joint Compound (less than 1 square foot of drywall joint compound)**

- .1 Use the procedures described above under *Site Preparation –No Enclosure Required*.

- .2 Carefully cut drywall and remove using non-powered hand-held tools. Place directly into polyethylene waste bag.
- .3 Hold the nozzle of a HEPA vacuum adjacent to the surface of the cutting surface to capture dust disturbed during the removal.
- .4 Wet clean or HEPA vacuum the entire Abatement Work Area, including surfaces not covered with polyethylene sheeting. Any materials or equipment removed to access ACM that are to be reused, must be wet cleaned or vacuumed prior to reinstatement.

**3.11 Asbestos Removal - Drywall with Asbestos Drywall Joint Compound (greater than 1 square foot of drywall joint compound)**

- .1 Construct an enclosure around Abatement Work Area and use the procedures described above under *Site Preparation –Enclosure Required*.
- .2 Protect drywall around area to be removed by covering with polyethylene and taping seams to wall.
- .3 Cut drywall and remove using non-powered hand-held tools. Place directly into polyethylene waste bag.
- .4 Remove all screws and fasteners in studs or strapping.
- .5 Remove studs and strapping where specified. Clean metal studs and remove from Abatement Work Area.
- .6 Wet clean or HEPA vacuum the entire Abatement Work Area, including surfaces not covered with polyethylene sheeting. Any materials or equipment removed to access ACM that are to be reused, must be wet cleaned or vacuumed prior to reinstatement.

**3.12 Asbestos Removal - Other Non-Friable Asbestos Materials with HEPA Filtered Power Tools**

- .1 Use the procedures described above under *Site Preparation –No Enclosure Required*.
- .2 Wet all material to be disturbed.
- .3 Undo fasteners if necessary to remove material.
- .4 Use hand held powered tools with a HEPA filtered dust collection device to remove, cut, grind, abrade, break or vibrate ACM.
- .5 Scrape to remove any remaining material adhered to substrate.
- .6 Place removed ACM directly into an asbestos waste container.
- .7 Wet clean or HEPA vacuum the entire Abatement Work Area, including surfaces not covered with polyethylene sheeting. Any materials or equipment removed to access ACM that are to be reused, must be wet cleaned or vacuumed prior to reinstatement.

**3.13 Asbestos Removal - Dust and Debris**

- .1 Use the procedures described above under *Site Preparation –No Enclosure Required*.
- .2 Remove visible dust and debris from Abatement Work Area using HEPA vacuums or wet cleaning methods.

**3.14 Application of Post Removal Sealant**

- .1 Apply one coat of Post Removal Sealant with an airless sprayer, in accordance with Manufacturer’s Instructions, to cover all surfaces on all items in the Abatement Work Area, including but not limited to polyethylene, ACM substrate, structural steel, and

surfaces scheduled for demolition.

- .2 Do not apply post removal sealant to materials that will be damaged by its application.

### **3.15 Air Clearance Monitoring**

- .1 Air clearance monitoring will be conducted in situations where an enclosure has been constructed around the Abatement Work Area.
- .2 Site must be dry prior to Air Clearance Monitoring.
- .3 Restrict access to Abatement Work Area and operate negative air units for an 8-hour period prior to Milestone Inspection – Clearance Sampling.
- .4 The HEPA filtered negative pressure machines shall be in operation during clearance air monitoring.
- .5 In the presence of the Abatement Consultant, immediately prior to air clearance monitoring, use a leaf blower to dislodge loose fibre.
  - .1 Direct leaf blower against walls, ceilings, floors, and other surfaces.
  - .2 Perform this for at least five minutes per 1,000 sq. ft. of Abatement Work Area.
- .6 PCM samples will be collected as per Air Monitoring Section.

### **3.16 Abatement Work Area Dismantling**

- .1 Use Low Risk worker precautions during dismantling.
- .2 Wash or HEPA vacuum equipment and tools used in contaminated Abatement Work Area to remove all asbestos contamination, or place in Asbestos Waste Containers prior to being removed from Abatement Work Area.
- .3 Place tools and equipment used in contaminated work site but not cleaned in polyethylene bags prior to removal from Abatement Work Area.
- .4 Clean polyethylene sheeting and drop sheets which with HEPA vacuum or wet cleaning methods at completion of work.
- .5 Wet drop sheets and polyethylene sheeting.
- .6 Carefully roll polyethylene sheeting and drop sheets toward the centre of enclosure. As polyethylene is rolled away, immediately remove visible debris beneath with a HEPA vacuum.
- .7 Remove remaining polyethylene sheeting and tape, and dispose of as asbestos waste.
- .8 Place polyethylene sheeting, drop sheets, tape, disposal clothing and other contaminated waste in asbestos waste containers, wet wipe and place in second asbestos waste container.
- .9 Remove remaining site isolation, seals, tape, etc.
- .10 Remove Transfer Room.
- .11 Remove seals, tape, Signage etc.
- .12 Immediately upon shutting down negative air units, seal air inlet grill and exhaust vent with polyethylene and tape.
- .13 Seal openings in HEPA vacuums.
- .14 Remove and dispose of the pre-filters from HEPA filtered negative pressure machines as asbestos waste.

- .15 Remove HEPA filtered negative pressure machines and discharge ducting or HEPA vacuums.
- .16 Remove temporary lights.
- .17 Remove ground fault panels.
- .18 Place contaminated materials including polyethylene sheeting, drop sheets, seals, tape, disposable coveralls, and other contaminated waste in asbestos waste containers.

### **3.17 Waste and Material Handling**

- .1 Refer to Section 02 81 00.

### **END OF SECTION**

\\FSCAL\Job\310000\0310590.000 TownOfDrumheller,702Premier,HAZ,CONS\Deliverables\02 82 00.02 Asbestos Abatement - Moderate Risk Precautions AB.docx

**PART 1 GENERAL**

**1.1 General and Related Work**

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
  - .1 Section 02 81 00 Hazardous Materials – General Provisions

**1.2 Outline of Work**

- .1 Refer to the hazardous materials reports provided for the extent of the Abatement Work Areas.
- .2 Without disturbing asbestos-containing materials, remove and dispose the following materials as clean waste prior to asbestos removal work:
  - .1 Carpet, thresholds, tack strips and underpad.
  - .2 Millwork and cabinets.
  - .3 Doors and door hardware.
- .3 Using High Risk procedures of this section, remove and dispose of the following:
  - .1 Asbestos-containing mechanical insulations.
  - .2 Ceiling tiles, grid, supports and hangers.
  - .3 Drywall ceiling, channels, supports and hangers.
  - .4 Texture coat and overspray.
  - .5 Non-asbestos mechanical insulations.
  - .6 Ceilings and bulkheads, grids, support systems.
  - .7 Column enclosures.
  - .8 Flexible ducts.
  - .9 Diffusers.
  - .10 Exit signs.
  - .11 VAV and mixing boxes.
  - .12 Light fixtures, lamps and ballasts.
  - .13 All electrical services including but not limited to conduit, bx cable, junction

**1.3 Personal Protection**

- .1 Protect all personnel at all times when possibility of disturbance of ACM exists.
- .2 Provide the following respiratory protection to all personnel:
  - .1 Full Face Powered Air Purifying Respirators (PAPR) with P100 high efficiency (HEPA) cartridge filters
  - .2 Non-powered half-face respirators with P100 high efficiency (HEPA) cartridge filters for dismantling of High Risk enclosures, using Low Risk Procedures.
  - .3 Provide protective clothing, to all personnel entering the Abatement Work Area, including:
    - .1 Disposable protective clothing that does not readily retain or permit skin contamination, consisting of full body covering including head covering with snug fitting cuffs at wrists, ankles, and neck.



- .3 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.

#### **1.4 Differential Pressure Monitoring**

- .1 Install differential pressure monitor at a location chosen by the Abatement Consultant.
- .2 Co-operate with the Abatement Consultant in collection of pressure monitoring data.
- .3 Maintain specified differential pressure at monitoring location. Negative air pressure is to be -0.02 inches of water, relative to the area outside the enclosed area.

#### **1.5 Inspections**

- .1 Refer to Part 1.12 Inspections in Section 02 81 00 – General Provisions.
- .2 The following Milestone Inspections are to be scheduled:
  - .1 Milestone Inspection - Clean Site Preparation
  - .2 Milestone Inspection – Bulk Removal Inspection
  - .3 Milestone Inspection - Visual Clearance
  - .4 Milestone Inspection – Clearance Sampling
  - .5 Milestone Inspection – Dismantling Inspection

### **PART 2 PRODUCTS AND FACILITIES**

#### **2.1 Materials and Equipment**

- .1 Refer to Section 02 81 00.

#### **2.2 Hoarding Walls**

- .1 Type A Hoarding Wall: One layer of rip-proof polyethylene sheeting installed floor to ceiling, secured with telescopic poles, clips, or other suitable methods.
- .2 Type B Hoarding Wall: 38 mm x 89 mm wood or metal studs at 400 mm o/c with continuous sill and top plate, covered with one layer of rip-proof polyethylene sheeting on each side of wall.
- .3 Type C Hoarding Wall: 38 mm x 89 mm wood or metal studs at 400 mm o/c with continuous sill and top plate, covered with one layer of polyethylene sheeting on each side of wall. Install 13 mm OSB, plywood or gypsum board over polyethylene sheeting on Occupied Area side. Paint Occupied Area side of plywood, OSB, or gypsum board with one coat of primer and one coat of flat white latex.
- .4 Type D Hoarding Wall: 1 Hour rated partition to ULC Design W407. Floor to deck, 38 mm x 89 mm metal studs at 400 mm o/c with continuous sill and top plate, complete with mineral wool batts in cavity, covered with 16 mm Type X gypsum wall board both sides, taped and mudded joints, with acoustic sealant at top and bottom of plates, both sides. Install 2 layers of 6 mil polyethylene sheeting on Abatement Work Area side. Paint Occupied Area side of board with one coat of primer and one coat of flat white latex.
- .5 Type E Hoarding Wall: Construct as per Type C using exterior grade plywood and insulate wall cavity with R 12 fibreglass batts insulation.
- .6 Type F Hoarding Wall: Upper perimeter hoarding wall - 38 mm x 89 mm wood or metal studs at 400 mm o/c with continuous sill and top plate, covered with 2 layers of polyethylene sheeting on Abatement Work Area side. Anchor wall to underside of

structure and extend down to top of ceiling or top of wall/hoarding wall below. Install wall under contaminated conditions.

- .7 Windows: Install enough transparent windows in hoarding walls to allow observation of entire work area from outside the enclosure where existing solid walls do not make up the perimeter.

## 2.3 Decontamination Facilities

- .1 Workers' Decontamination Facility: A decontamination facility comprised of three linked rooms, Contaminated Change Room, a Shower Room, and a Clean Change Room.
- .1 Rooms, Occupied Areas and Abatement Work Areas, shall be separated by curtained doorways at each door.
- .2 Contaminated Change Room: Room between the Shower Room and Abatement Work Area.
- .1 Locate on the contaminated side of Shower Room.
- .2 Install an asbestos waste container for asbestos-contaminated protective clothing.
- .3 Install storage facilities for any personal protective equipment to be reused in Abatement Work Area including boots, hard hats, etc., but excluding respirators.
- .4 Install hooks and shelves as required for personal protective equipment.
- .5 Minimum size of generally 2 m x 2 m. Increase size accordingly to accommodate number of workers.
- .3 Shower Room: Room between Clean Change Room and Contaminated Change Room.
- .1 Install one walk through shower unit for every six workers.
- .2 Install constant supply of hot and cold water, controllable at each shower. Water supply must be sufficient to provide water at a minimum temperature of 40 degrees Celsius (maximum 50 degrees) in a volume required for all workers to properly decontaminate.
- .1 Install individual hot and cold shut-off valves on water supply located on clean side of Shower Room. Connect shower to these valves.
- .2 Install individual controls inside the shower to regulate water flow and temperature.
- .3 Install rigid piping or Shower Hose with watertight connections for supply and drains.
- .4 Install a sealed drip pan under and around the showers, 150 mm deep.
- .5 Install sump pumps, sufficient for volume of waste shower water from showers and drip pan. Direct waste shower water to sanitary drains. Water must pass through a 10 micrometer filter before it is directed to the sanitary drain.
- .6 Install ground fault protected power switch on clean side of shower for sump pump shut off.
- .7 Provide adequate quantity of soap, shampoo, and clean towels.
- .8 Install an Asbestos Waste Container for disposal of used respirator filters, on the contaminated side of the Shower Room.
- .4 Clean Change Room: A room between the Shower Room and Occupied Areas.
- .1 Install hooks and shelves on clean side of shower in clean Change Room for storage of respirators.
- .2 Install lockers or hangers for workers' street clothes and personal belongings.

- .3 Install a hose bib on domestic cold water piping to provide a connection on the clean side of Abatement Work Area.
  - .4 Install electric hot water tank for showers in decontamination facility.
  - .5 Provide ground fault protected power supply to hot water tanks, sump pump, battery chargers.
  - .6 Install a fire extinguisher, mount to wall.
  - .7 Minimum size of generally 2m x 2m. Increase size accordingly to accommodate number of workers.
- .5 Waste and Equipment Decontamination Facility: Waste and Equipment Decontamination Facility comprised of three linked rooms: a Container Cleaning Room, a Holding Room and a Transfer Room.
- .1 Purpose of Waste and Equipment Decontamination Facility is to provide a means to decontaminate asbestos waste containers, scaffolding, vacuums, and other tools and equipment and materials required in the Abatement Work Area.
  - .2 Rooms, Occupied Areas and Abatement Work Areas, shall be separated by curtained doorways at each door.
- .6 Container Cleaning Room: Room between Abatement Work Area and Holding Room of sufficient size to allow proper washing of equipment and waste containers or double bagging of asbestos waste. All wash water shall be treated as asbestos contaminated waste.
- .7 Holding Room: Room between Container Cleaning Room and Transfer Room, of sufficient size to accommodate at least two asbestos waste containers and two workers double bagging waste, or for largest item of equipment used.
- .1 Install a fire extinguisher mounted to wall.
- .8 Transfer Room: Room between Holding Room and Occupied Area, acting as an air lock for the transfer of waste.
- .9 Construction of Decontamination Facilities
- .1 Install floor protection as follows:
    - .1 Install one layer of rip-proof polyethylene sheeting over two layers of 6 mil polyethylene sheeting beneath entire decontamination facility.
    - .2 Turn 600 mm of polyethylene up the sides of the decontamination facility and overlap with the polyethylene sheeting covering the walls.
    - .3 Install plywood with taped and caulked joints between layers of 6 mil polyethylene where required to protect surfaces from water damage (e.g. carpet).
  - .2 Install walls as follows:
    - .1 Around all rooms, between all rooms, at entrance to Abatement Work Area and at entrance to Occupied Area.
    - .2 Install 38 x 89 mm wood framing at 610 mm o/c with continuous top and sill plates.
    - .3 Install one layer rip-proof polyethylene sheeting on interior walls of Decontamination Facility.
    - .4 Install one layer rip-proof polyethylene sheeting both sides on interior dividing walls of Decontamination Facility.

- .5 Install one layer rip-proof polyethylene sheeting over one layer of 6 mil polyethylene sheeting on walls exposed to the Abatement Work Area.
- .6 For perimeter walls exposed to the Abatement Work Area, install 13 mm plywood or OSB caulked and sealed at joints, beneath one layer of 6 mil and one layer of rip-proof polyethylene sheeting, on Abatement Work Area side of framing.
- .7 Install one layer rip-proof polyethylene sheeting over one layer of 6 mil polyethylene sheeting on walls exposed to the Occupied Area.
- .8 For perimeter walls exposed to the Occupied Area, install 13 mm plywood or OSB caulked and sealed at joints, over polyethylene sheeting, on Occupied Area side of framing. Paint with 2 coats white latex.
- .3 Install roof as follows:
  - .1 Install joists. Size of joists is to be determined by clear span. Consult Provincial Building Code. For clear spans up to 2850 mm use SPF Select 38 x 140 mm wood joist at 400 mm o/c with continuous 38 x 140 mm wood headers and install strapping beneath joists.
  - .2 At the Contaminated Change Room and where roof is exposed to the Abatement Work Area, install 19 mm plywood or OSB over joists. Caulk and tape joints and install one layer rip-proof polyethylene sheeting over 2 layers of 6 mil polyethylene sheeting.
  - .3 Where roof is not exposed to the Abatement Work Area, install one layer rip-proof polyethylene sheeting over joists.
  - .4 Turn 600 mm of polyethylene down the sides over polyethylene on the perimeter walls.
  - .5 At underside of joists in all rooms, install one layer of polyethylene sheeting.
  - .6 Minimum interior clear height 2000 mm to underside of joist.
- .10 Curtained Doorways
  - .1 Construct as follows:
    - .1 Install two flap doors, full width and height of door opening at all doors between chambers, facilities and Abatement Work Area.
    - .2 Construct each flap door of two layers of polyethylene sheeting with all edges reinforced with tape. Use wood strapping to securely fasten flap doors to head and alternate jambs.
    - .3 Install weights attached to bottom edge of each door flap.
    - .4 Provide direction arrows on flaps to indicate opening.

## **PART 3 EXECUTION**

### **3.1 Clean Site Preparation**

- .1 Remove stored or non-fixed items from the Abatement Work Area, including but not limited to equipment, furniture, waste etc. Store in area provided by Owner.
- .2 Moving of equipment, tools, supplies, and stored materials that can be performed without disturbing ACM will be performed by others.

- .3 Remove visible dust and friable material from all surfaces in the work area including those to be worked on, using HEPA Vacuums or wet wiping using Moderate Risk Procedures.
- .4 Remove surface-mounted fixtures specified to be reused or turned over to Owner.
- .5 Install platforms in areas specified.
- .6 Install tunnels in areas specified.
- .7 Install Hoarding Walls between Abatement Work Area and Occupied Area.
- .8 Install Worker Decontamination facility.
  - .1 Worker Decontamination Facility to be located within the Abatement Work Area.
- .9 Install Waste Decontamination facility.
  - .1 Waste Decontamination Facility to be located within the Abatement Work Area.
- .10 Seal openings (excepting electrical trenches) in floor using tape, caulking, polyethylene, etc. Openings in floor are to be sealed independently prior to installation of polyethylene sheeting on floor. Include floors of duct and service shafts.
  - .1 Large openings in floor to be covered. Construction to comply with loading requirements of Provincial Building Code and secured in place. Surround with guard rails as per the Provincial Occupational Health and Safety Code. Install one layer of rip proof polyethylene over two layers of 6 mil polyethylene over the cover. Mark as an opening to below. No personnel are to walk or stand on the covered opening unless constructed to support live and dead load.
- .11 Seal openings in walls below ceiling level using polyethylene, tape, caulking, etc. including but not limited to windows, doors, vents, diffusers, etc.
- .12 Seal openings in ceiling, using polyethylene, tape, caulking, etc. including diffusers, grills, etc.
- .13 Establish negative pressure in Abatement Work Areas as follows:
  - .1 Discharge HEPA filtered negative pressure machines as follows:
    - .1 To building exterior.
      - .1 Remove existing glazing where necessary and replace with a 19 mm plywood panel.
      - .2 Install panel securely on the exterior side of the window frame and make weather-tight with caulking.
      - .3 For each negative pressure unit, provide a 300 mm diameter, duct opening through panel.
      - .4 Cover duct opening with chicken wire.
      - .5 Direct discharge away from building access points.
      - .6 Reinstall glazing to match existing upon completion of work.
- .14 Install Ground Fault Panel.
- .15 Install temporary lighting in all work areas at levels that will provide for a safe and efficient use of the work area.
- .16 Isolate, at panel, and disconnect existing power supply to Abatement Work Area. Power supply to remaining areas of building must not be disrupted during work of this section.

- .1 Lock-out/tag-out power at electrical panels.
- .2 Mark/tag any items within or passing through the Abatement Work Area that are to remain live including but not limited to cable, conduit, wire, fixtures, equipment panels, etc.
- .17 Install hose bib on domestic cold water pipe for connection of hoses for wetting.
  - .1 Install hoses with watertight connections and airless sprayers to wet asbestos-containing materials.
- .18 Perform clean demolition of non-asbestos materials as specified.
- .19 Install one layer of rip-proof polyethylene sheeting over two layers of 6 mil polyethylene sheeting, on floor surfaces in Abatement Work Area.
  - .1 Install additional layers of rip-proof polyethylene and/or plywood to protect carpeted floor surfaces.
  - .2 Extend floor protection a minimum of 300 mm up all vertical surfaces in the Abatement Work Area.
- .20 On walls within, and forming the perimeter of the Abatement Work Area, install two layers of 6 mil polyethylene sheeting.
  - .1 At the junction of floor and wall surfaces, overlap floor polyethylene with wall polyethylene by a minimum of 300 mm at each layer. One layer of wall polyethylene must always overlap the top layer of floor polyethylene.
- .21 Notify Abatement Consultant to the need for Milestone Inspection - Clean Site Preparation. Obtain written approval for this Milestone Inspection before proceeding.
- .22 Install signage in clearly visible locations and in sufficient numbers to adequately warn of an asbestos dust hazard.
- .23 Post provincial Asbestos Project Notification documentation.

### **3.2 Maintenance of Contaminated Abatement Work Area**

- .1 Inspect Abatement Work Area perimeter Hoarding Walls and Upper Perimeter Seals at the beginning and end of each working period and once on each day where work does not take place. Inspection must be performed by competent person.
- .2 Inspect HEPA filtered negative pressure machines including discharge ducting at the beginning and end of each working period. Inspection must be performed by competent person.
- .3 Perform Differential Pressure Monitoring on a frequent basis and record pressure at start and end of shift at a minimum.
- .4 Inspect polyethylene sheeting and ensure it is effectively sealed and taped. Repair damage and remedy defects immediately.
- .5 Inspect electrical panels and ensure locks and tags are on panels prior to entering the Abatement Work Area.
- .6 Maintain Abatement Work Area in tidy condition.
- .7 Remove waste and debris frequently.
- .8 Remove standing water on polyethylene/floor at the end of every shift.
- .9 Turn off water supply to hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.

- .10 Turn off water supply to showers, at the end of every shift.
- .11 Ensure shower pans are pumped out at the end of every use and shift.

### 3.3 Wet Removal

- .1 Do not use compressed air to clean or remove dust or debris.
- .2 Remove and dispose of remaining non-asbestos items before, during or after wet removal.
- .3 Spray asbestos-containing sprayed or trowelled material with Amended Water using airless spray equipment prior to removal. Saturate ACM to prevent release of airborne fibres during removal.
- .4 Remove asbestos-containing sprayed or trowelled material specified to be removed, clean substrate.
  - .1 Fully saturated ACM may be scraped directly into waste containers or may be allowed to fall to floor.
  - .2 ACM cannot be allowed to fall from one level to the next.
- .5 Spray asbestos-containing pipe insulations with Amended Water using airless spray equipment.
- .6 Remove pipe insulations specified to be removed and clean substrate. Maintain exposed surfaces of insulation or lagging in a wet condition.
  - .1 Full saturation of insulation will not be required if material is immediately bagged and not allowed to fall to floor.
  - .2 ACM cannot be allowed to fall from one level to the next.
- .7 Spray asbestos-containing duct and mechanical equipment insulations with Amended Water using airless spray equipment.
- .8 Remove exterior duct and mechanical equipment insulations specified to be removed and clean substrate. Maintain exposed surfaces of insulation in a wet condition.
  - .1 Full saturation of insulation will not be required if material is immediately bagged and not allowed to fall to floor.
  - .2 ACM cannot be allowed to fall from one level to the next.
- .9 Remove obstructions as required to remove the ACM.
  - .1 Notify Abatement Consultant if item is not specified to be removed and inhibits removal of ACM.
  - .2 Do not demolish any existing walls etc. that form the perimeter of the Abatement Work Area without prior written permission from Abatement Consultant.
- .10 All dislodged ACM shall be maintained in wet state until placed in asbestos waste containers for disposal.
- .11 As work progresses, and at regular intervals, place waste in asbestos waste containers and remove from the Abatement Work Area.
- .12 After completion of gross asbestos removal work, perform the following:
  - .1 Wet clean surfaces from which ACM has been removed with stiff bristle brushes, vacuums, wet-sponges etc. to remove all visible residue and asbestos-containing materials.



- .2 Wet clean surfaces which ACM has fallen on using stiff bristle brushes, vacuums, wet-sponges etc. to remove all visible residue and asbestos-containing materials
  - .3 Wet clean other surfaces in the Abatement Work Area, including the decontamination facilities, scaffolding, equipment, polyethylene sheeting on floor and walls surfaces etc., ducts and similar items not covered with polyethylene sheeting.
  - .4 Remove wash water as contaminated waste.
  - .5 Remove waste.
  - .6 Level of cleanliness must be acceptable to Abatement Consultant.
  - .7 Remove and dispose of the pre-filters from all negative air units as asbestos-contaminated waste.
- .13 Notify Abatement Consultant to the need for Milestone Inspection - Visual Clearance.

### **3.4 Waste and Material Handling**

- .1 Waste bins must be placed on grade or in receiving.
- .2 All bins must be covered and locked when waste transfer is not being performed.
- .3 Ensure redundant non-ACM, rubble, debris, etc. which was not cleaned and which was removed during contaminated work are treated, packaged, transported and disposed of as asbestos waste.
- .4 Fluorescent lamps contain mercury and are to be recycled. Do not dispose of fluorescent lamps.
- .5 Clean, wash and apply Post Removal Sealant to metal waste prior to removal from Abatement Work Area.
  - .1 Recycle metals or dispose of metals as clean waste.
- .6 Clean, wash and apply Post Removal Sealant to non-porous materials prior to disposal as clean waste.
  - .1 Obtain prior written approval from the Abatement Consultant for each individual type of material.
- .7 Clean and wash equipment prior to removal from Abatement Work Area if removed prior to completion.
- .8 Place all equipment, tools and unused materials that cannot be cleaned in Asbestos Waste Containers.
- .9 As work progresses, and at regular intervals, transport the sealed and labelled asbestos waste containers from the Abatement Work Area to waste bin.
- .10 Place items in bins according to waste classification. Place asbestos waste, metals, non-asbestos waste, etc. in separate bins.
- .11 Removal of waste containers and decontaminated equipment and materials from the Abatement Work Area shall be performed using the Waste and Equipment Decontamination Facility as follows:
  - .1 Prior to entering the Waste and Equipment Decontamination Facility Container Cleaning Room, the first worker (fully protected inside the Abatement Work Area) shall remove any visible contamination from the surface of the item or waste container being removed from the Abatement Work Area.

- .2 The first worker then carries the item into the Container Cleaning Room and wet sponges the item prior to passing the item through the curtained doorway to a second worker in the Holding Room. (The second worker shall be fully protected with respirator and disposable clothing and may only leave the decontamination facility via the Abatement Work Area.)
- .3 The second worker in the Holding Room double bags or wraps and seals the item. Without entering the Transfer Room, the second worker passes the item through the curtained doorway into the Transfer Room.
- .4 A third worker enters the Transfer Room from the clean area. (The third worker must never enter the Holding Room.) The third worker removes the item from the Transfer Room and transports it to the disposal bin.
- .12 Dispose of plaster debris, lath, hangers and other asbestos-contaminated waste that could tear a 6 mil (0.15 mm) polyethylene bag in sealed rigid Asbestos Waste Container.
- .13 Transport waste and materials via the predetermined routes and exits. Arrange waste transfer route with Owner. Use a closed, covered cart to transport through Occupied Areas.
- .14 Use Low Risk Procedures while transporting waste through facility.
- .15 Provide workers transporting waste with means to access full personal protective equipment and all tools required to properly clean up spilled ACM in the case of a rupture of an Asbestos Waste Container.
- .16 Bin loading area and waste routes shall be kept clean at all times. Use Moderate Risk asbestos abatement procedures if appropriate or requested by Owner's Representative.
- .17 Transport asbestos contaminated waste in accordance with the requirements of Alberta Environment.

### **3.5 Application Of Post Removal Sealant**

- .1 Wet Removal
  - .1 Obtain Abatement Consultant's written permission to proceed.
  - .2 Apply one coat of Post Removal Sealant with an airless sprayer, in accordance with Manufacturer's Instructions, to cover all surfaces on all items in the Abatement Work Area, including but not limited to polyethylene, ACM substrate, structural steel, and surfaces scheduled for demolition.
    - .1 Do not apply post removal sealant to materials that will be damaged by its application.
  - .3 Notify Abatement Consultant to the need for Milestone Inspection – Clearance Sampling.

### **3.6 Air Clearance Monitoring**

- .1 Site must be dry prior to Air Clearance Monitoring.
- .2 The minimum number of Air Clearance Monitoring samples will be as follows:
  - .1 1 sample for less than 100 square metres.
  - .2 2 samples for 100 to 500 square metres.
  - .3 3 samples for more than 500 square metres.
- .3 Prior to air clearance monitoring, install clean 20-inch fans for air circulation during Air Clearance Monitoring.

- .1 At least one fan per 10,000 cubic feet of space in Abatement Work Area.
- .2 Install in centre of Abatement Work Area and space evenly.
- .3 The fan exhaust shall be directed upwards or toward the ceiling.
- .4 The fans shall be operated on the lowest speed setting.
- .4 Restrict access to Abatement Work Area and operate negative air units for an 8 hour period prior to Milestone Inspection – Clearance Sampling.
- .5 The HEPA filtered negative pressure machines shall be in operation during clearance air monitoring.
- .6 In the presence of the Abatement Consultant, immediately prior to air clearance monitoring, use a leaf blower to dislodge loose fibre.
  - .1 Direct leaf blower against walls, ceilings, floors, and other surfaces.
  - .2 Perform this for at least five minutes per 1,000 sq. ft. of Abatement Work Area.
- .7 PCM samples will be collected as per Air Monitoring Section.

### **3.7 Abatement Work Area Dismantling**

- .1 Use Low Risk worker precautions during dismantling.
- .2 Polyethylene, tape, cleaning material, etc. to be treated as asbestos waste.
- .3 Wash remaining equipment and tools used in contaminated Abatement Work Area to remove all asbestos contamination, or place in Asbestos Waste Containers prior to being removed from Abatement Work Area.
- .4 Clean Abatement Work Area, Equipment and Access area, Washing/Showering Room.
- .5 Remove upper seals, and seals over tops of walls, on deck, at columns, etc. within the Abatement Work Area.
- .6 Remove top layer of polyethylene sheeting from surfaces protected by two or more layers of polyethylene sheeting. The bottom layer of polyethylene will remain until all re-fireproofing is complete. Remove outer layer as follows:
  - .1 Remove asbestos contaminated Polyethylene by carefully rolling away from walls to centre of Abatement Work Area.
  - .2 Cut the lower layer of polyethylene sheeting to expose the baseboards, window sills, cabinets, shelves and other horizontal surfaces that may be contaminated by fallen ACM.
  - .3 Remove visible fibres or residue found during removal of polyethylene using a HEPA vacuum.
  - .4 Remove polyethylene protection and hoarding walls where hoarding walls separate occupied areas from work area. Hoarding walls to remain are identified on asbestos demolition drawings.
- .7 Remove top layer of polyethylene on walls, finishes, and equipment.
- .8 Remove remaining polyethylene sheeting.
- .9 Remove water hoses and shut off at source.
- .10 Remove Signs, Hoarding Walls, Decontamination Facilities, Equipment Enclosures, Tunnels, Platforms.

- .11 Seal vacuum hoses and fittings, flexible ductwork and all tools used in contaminated work site in 6 mil polyethylene bags prior to removal from Work Area.
- .12 Remove temporary lights.
- .13 Remove negative air unit prefilters. Dispose of as asbestos contaminated waste.
- .14 Remove HEPA filtered negative pressure machines and discharge ducting.
- .15 Immediately upon shutting down negative air units, seal air inlet grill and exhaust vent with polyethylene and tape.
- .16 Notify Abatement Consultant to the need for Milestone Inspection - Dismantling Inspection.

END OF SECTION

\\FSCAL\Job\310000s\0310590.000 TownOfDrumheller,702Premier,HAZ,CONS\Deliverables\02 82 00.03 Asbestos Abatement - High Risk Precautions AB.docx

## **PART 1 GENERAL**

### **1.1 General and Related Work**

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
  - .1 Section 02 81 00 Hazardous Materials – General Provisions

### **1.2 Outline of Work**

- .1 Refer to the provided hazardous materials reports for the extent of the Abatement Work Areas.
- .2 Remove and dispose of the following materials as clean waste prior to abatement work without disturbing lead-containing materials:
  - .1 Carpet, thresholds, tack strips and underpad.
  - .2 Millwork and cabinets.
  - .3 Doors and door hardware.
- .3 Comply with requirements of this Section when performing following Work (Low Risk):
  - .1 Operating construction equipment (i.e., excavator, bulldozer; within the cab) during building demolition or renovation where lead-containing paints are present.
  - .2 Installation or removal of batteries, lead sheeting, flashings, packing, babbits, caulking, gaskets or similar.
  - .3 Installation or removal of bolts covered in lead-based paint.
  - .4 Application of lead-containing paint with a brush, roller or sponge.
- .4 Comply with requirements of this Section when performing the following Work (Low-Moderate Risk):
  - .1 Removal of materials coating with lead-containing paints, using non-powered hand tools, where the materials remains primarily intact, and is not crumbled, pulverized or powdered.
  - .2 Removal of lead materials using power tools with a dust collection system and HEPA filters.
- .5 Comply with requirements of this Section when performing the following Work (Moderate Risk):
  - .1 Removal of lead-containing paint by hand with a chemical gel, stripper or paste.
  - .2 Removal of lead-containing paints by hand with a heat gun.

### **1.3 Instruction and Training**

- .1 Provide instruction and training to all workers including the following:
  - .1 Hazards of lead.
  - .2 Use, care and disposal of protective equipment (including but not limited to respirators and filters) and clothing that would be used and worn during

abatement work, including:

- .1 Limitations of equipment.
- .2 Inspection and maintenance of equipment.
- .3 Proper fitting of equipment.
- .4 Disinfecting and cleaning of equipment.
- .3 Personal hygiene to be observed when performing the work.
- .4 The measures and procedures prescribed by this section including decontamination of the worker.
- .2 Instruction and training must be provided by a competent person.

#### **1.4 Personal Protection**

- .1 Protect all personnel at all times when possibility of disturbance of lead exists.
  - .1 Provide non-powered half-face respirators with P100 high efficiency (HEPA) cartridge filters.
  - .2 Provide protective clothing, to all personnel entering the Abatement Work Area, including:
    - .1 Disposable protective clothing that does not readily retain or permit skin contamination, consisting of full body covering including head covering with snug fitting cuffs at wrists, ankles, and neck.
    - .2 Dust impermeable gloves appropriate for the work being completed.
  - .2 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.
  - .3 Lead-specific soaps and hygiene indicators are recommended to be provided for hand-wash stations.

### **PART 2 PRODUCTS AND FACILITIES**

- .1 Refer to Section 02 81 00.

### **PART 3 EXECUTION**

#### **3.1 Site Preparation**

- .1 Provide washing facilities consisting of a wash basin, clean water, soap and towels.
  - .1 Workers are to use washing facilities each time leaving the Abatement Work Area.
- .2 Stored or non-fixed items, including but not limited to equipment, furniture, waste etc., shall be removed from the Abatement Work Area prior to abatement work.
- .1 Install one layer of polyethylene sheeting on walls, floors, finishes, millwork, electrical equipment, equipment and furnishings remaining in the Abatement Work Area.
- .2 Install polyethylene drop sheets below areas of work.
- .3 Install polyethylene sheeting on openings in walls and floors (as required) and seal.
- .4 Install barriers and signage in clearly visible locations and in sufficient number to adequately warn of a lead dust hazard.

- .5 Isolate, at panel, and disconnect existing power supply to Abatement Work Area. Power supply to remaining areas of building must not be disrupted during work of this section.
  - .1 Lock-out/tag-out power at electrical panels.
  - .2 Mark/tag any items within or passing through the Abatement Work Area that are to remain live including but not limited to cable, conduit, wire, fixtures, equipment panels, etc.
- .6 Remove visible dust from all surfaces in the Abatement Work Area including those to be worked on, using HEPA Vacuums or wet wiping.
- .7 Provide amended water for wetting materials, and adequate method of wetting (garden sprayers, airless sprayers, etc.).
- .8 Provide electrical power and shut off for operation of powered tools and equipment. Provide ground fault interrupter circuits on power source for electrical tools, in accordance with applicable CSA Standard.
  - .1 Ensure safe installation of electrical lines and equipment.

### **3.2 Maintenance of Abatement Work Area**

- .1 Maintain Abatement Work Area in tidy condition.
- .2 Remove waste and debris frequently.
- .3 Remove standing water on polyethylene/floor at the end of every shift.
- .4 Turn off water supply to hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.

### **3.3 Lead-Containing Paint Abatement**

- .1 Removal methods minimizing dust generation should be used wherever possible.
  - .1 Wet methods are to be used to reduce dust generation.
  - .2 Wetting agents should be used where possible.
  - .3 Wet method not be used if it creates a hazard or cause damage to equipment or to building finishes.
- .2 Waste water from cleaning or removal operations must be contained, for treatment or disposal.
- .3 Remove lead-based paint in small sections and pack as it is being removed in sealable lead waste containers.
- .4 Follow manufacturer's instructions for all use of chemical gels, strippers and pastes.
  - .1 Ensure agent neutralizers, were required, are applied.
- .5 After completion of stripping work, wire brush and wet sponge surface from which lead based paint has been removed to remove visible material. During this work keep surfaces wet.
- .6 After wire brushing and wet sponging to remove visible lead-based paint, wet clean entire Work Area, and equipment used in process.
  - .1 Compressed air or dry sweeping not be used to clean up lead-containing dust or waste.



- .2 Ensure all waste is cleaned and packaged.
- .7 Frequently and at regular intervals, place all waste in waste containers.
- .8 Seal filled containers. Clean external surfaces thoroughly by wet sponging. Remove from immediate working area to staging area. Clean external surfaces thoroughly again by wet sponging. Wash containers thoroughly pending removal to outside.

### **3.4 Bulk Lead Removal**

- .1 Remove and recycle lead-containing batteries.
- .2 Remove cast-iron pipes with bell and spigot joints intact. Metal pipes should be recycled.

### **3.5 Waste Management and Disposal**

- .1 Per Section 02 81 00.

### **3.6 Final Cleaning**

- .1 Remove polyethylene sheet by rolling it away from walls to centre of work area. Vacuum visible lead containing particles observed during cleanup, immediately, using HEPA vacuum.
- .2 Place polyethylene sheets, tape, cleaning material, clothing, and contaminated waste in plastic bags and sealed labelled waste containers for transport.
- .3 Conduct final check to ensure no dust or debris remains on surfaces as result of dismantling operations.

## **END OF SECTION**

\\FSCAL\Job\310000\0310590.000 TownOfDrumheller,702Premier,HAZ,CONS\Deliverables\02 83 10 Lead Abatement - Minimum Precautions AB.docx

**PART 1 GENERAL**

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
  - .1 Section 02 81 00 Hazardous Materials – General Provisions

**1.2 Outline of Work**

- .1 Refer to the provided hazardous materials reports for the extent of the Abatement Work Areas.
- .2 Remove and dispose of the following materials as clean waste prior to abatement work without disturbing lead-containing materials:
  - .1 Carpet, thresholds, tack strips and underpad.
  - .2 Millwork and cabinets.
  - .3 Doors and door hardware.
- .3 Comply with requirements of this Section when performing the following Work (Moderate Risk):
  - .1 Removal of lead-containing paint with a chemical gel, stripper or paste.
  - .2 Removal of lead-containing paints with a heat gun.
  - .3 Removal of lead-containing paint with laser ablation technology.
  - .4 Scraping or sanding lead-containing coatings using non-powered hand tools where significant disturbance will take place.
  - .5 Manually demolishing lead-painted plaster walls or building components using a sledgehammer or similar tool.
  - .6 Cleaning up and removing lead-containing dust and debris.
- .4 Comply with requirements of this Section when performing the following Work (Moderate-High Risk):
  - .1 Using a powered cutting device for dry removal of mortar that contains lead.
  - .2 Removing lead-containing coatings using a power tool without a HEPA filtered dust collection system.
  - .3 Demolishing or cleaning up facilities where lead-containing products were manufactured.
  - .4 Removal of lead-containing paints using high pressure water jet.

**1.3 Instruction and Training**

- .1 Provide instruction and training to all workers including the following:
  - .1 Hazards of lead.
  - .2 Use, care and disposal of protective equipment (including but not limited to respirators and filters) and clothing that would be used and worn during abatement work, including:
    - .1 Limitations of equipment.
    - .2 Inspection and maintenance of equipment.

- .3 Proper fitting of equipment.
- .4 Disinfecting and cleaning of equipment.
- .3 Personal hygiene to be observed when performing the work.
- .4 The measures and procedures prescribed by this section including decontamination of the worker.
- .2 Instruction and training must be provided by a competent person.

#### **1.4 Personal Protection**

- .1 Protect all personnel at all times when possibility of disturbance of lead exists.
  - .1 Provide the following respiratory protection to all personnel, at minimum:
    - .1 Non-powered half-face respirators with P100 high efficiency (HEPA) cartridge filters.
    - .2 Non-powered full-face respirators with P100 high efficiency (HEPA) cartridge filters.
    - .3 Powered full-face respirators with P100 high efficiency (HEPA) cartridge filters.
  - .2 Provide protective clothing, to all personnel entering the Abatement Work Area, including:
    - .1 Dust impermeable gloves appropriate for the work being completed.
    - .2 Disposable protective clothing that does not readily retain or permit skin contamination, consisting of full body covering including head covering with snug fitting cuffs at wrists, ankles, and neck.
  - .2 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.
  - .3 Lead-specific soaps and hygiene indicators are recommended to be provided for shower and hand-wash stations.

### **PART 2 PRODUCTS AND FACILITIES**

- .1 Refer to Section 02 81 00.

#### **2.2 Hoarding Walls**

- .1 Type A Hoarding Wall: One layer of rip-proof polyethylene sheeting installed floor to ceiling, secured with telescopic poles, clips, or other suitable methods.
- .2 Type B Hoarding Wall: 38 mm x 89 mm wood or metal studs at 400 mm o/c with continuous sill and top plate, covered with one layer of rip-proof polyethylene sheeting on each side of wall.
- .3 Type C Hoarding Wall: 38 mm x 89 mm wood or metal studs at 400 mm o/c with continuous sill and top plate, covered with one layer of polyethylene sheeting on each side of wall. Install 13 mm OSB, plywood or gypsum board over polyethylene sheeting on Occupied Area side. Paint Occupied Area side of plywood, OSB, or gypsum board with one coat of primer and one coat of flat white latex.
- .4 Windows: Install sufficient transparent windows area in hoarding walls to allow observation of entire work area from outside the enclosure where existing solid walls do not make up the perimeter.

## **2.3 Clean Room**

- .1 Clean Room to be generally 2000 mm x 2000 mm x 2200 mm high. Increase size accordingly to accommodate number of workers.
- .2 Install walls as follows:
  - .1 Install 38 x 89 mm wood framing at 610 mm o/c with continuous top and sill plates.
  - .2 Install one layer rip-proof polyethylene sheeting on interior walls of Clean Room.
- .3 Install one layer of rip-proof polyethylene sheeting over two layers of 6 mil polyethylene sheeting on floor.
- .4 Install one layer of rip-proof polyethylene sheeting over roof.
- .5 Turn 600 mm of polyethylene down the sides over the polyethylene on the perimeter walls.
- .6 Install a fire extinguisher, mount to wall.

## **2.4 Shower Room**

- .1 Install constant supply of hot and cold water, controllable at each shower. Water supply must be sufficient to provide water at a minimum temperature of 40 degrees Celsius (maximum 50 degrees) in a volume required for all workers to properly decontaminate.
  - .1 Install individual hot and cold shut-off valves on water supply located on clean side of Shower Room. Connect shower to these valves.
  - .2 Install individual controls inside the shower to regulate water flow and temperature.
- .2 Install rigid piping or Shower Hose with watertight connections for supply and drains.
- .3 Install a sealed drip pan under and around the showers, 150 mm deep.
- .4 Install sump pumps, sufficient for volume of waste shower water from showers and drip pan. Direct waste shower water to sanitary drains.
- .5 Install ground fault protected power switch on clean side of shower for sump pumps shut off.
- .6 Provide adequate quantity of soap, shampoo, and clean towels.

## **2.5 Curtained Doorways**

- .1 Construct as follows:
  - .1 Install two flap doors, full width and height of door opening at all doors to Abatement Work Area and both ends of Clean Room.
  - .2 Construct each flap door of two layers of polyethylene sheeting with all edges reinforced with tape. Use wood strapping to securely fasten flap doors to head and alternate jambs.
  - .3 Install weights attached to bottom edge of each door flap.
  - .4 Provide direction arrows on flaps to indicate opening.

## **PART 3 EXECUTION**

### **3.1 Site Preparation - General**

- .1 Provide washing facilities consisting of a wash basin, clean water, soap and towels.
  - .1 Workers are to use washing facilities each time leaving the Abatement Work Area.
- .2 Stored or non-fixed items, including but not limited to equipment, furniture, waste, etc., shall be removed from the Abatement Work Area prior to abatement work.
- .3 Isolate, at panel, and disconnect existing power supply to Abatement Work Area. Power supply to remaining areas of building must not be disrupted during work of this section.
  - .1 Lock-out/tag-out power at electrical panels.
  - .2 Mark/tag any items within or passing through the Abatement Work Area that are to remain live including but not limited to cable, conduit, wire, fixtures, equipment panels, etc.
- .4 Provide amended water for wetting materials, and adequate method of wetting (garden sprayers, airless sprayers, etc.).
- .5 Provide electrical power and shut off for operation of powered tools and equipment. Provide ground fault interrupter circuits on power source for electrical tools, in accordance with applicable CSA Standard.
  - .1 Ensure safe installation of electrical lines and equipment.

### **3.2 Site Preparation –Enclosure**

- .1 Install Curtained Doorways.
- .2 Install polyethylene sheeting at openings in walls (as required) and seal.
- .3 Seal openings in floor using tape, caulking, polyethylene, etc. Floor openings are to be sealed independently prior to installation of floor polyethylene.
- .4 Install polyethylene sheeting on floors of Abatement Work Area. Use sufficient layers to provide adequate protection for carpeting and equipment.
  - .1 Minimum requirement over carpet is one layer of 6 mil polyethylene under one layer of rip-proof polyethylene.
  - .2 Cover floors first so that polyethylene on walls is overlapped by at least 305 mm.
- .5 Install 6 mil polyethylene sheeting on walls to remain, within the Abatement Work Area., including existing walls that make up, or are within, the Abatement Work Area.
- .6 Install one layer of 6 mil polyethylene sheeting so as to protect all equipment and finishes in the Abatement Work Area that may be damaged.
- .7 Install temporary lighting in enclosure to a level that will provide for safe and efficient use of work area - minimum 550 LUX.
- .8 Establish negative pressure in Abatement Work Areas as follows:
  - .1 Provide sufficient HEPA filtered negative pressure machines to exchange a volume of air equivalent to that of the Abatement Work Area a minimum of every 15 minutes.

- .2 Provide additional HEPA filtered negative pressure machines as required to ensure air flow from Occupied Area into Abatement Work Area.
- .3 Operate HEPA filtered negative pressure machines continuously from first disturbance of lead-containing materials until completion of dismantling.
- .4 Replace prefilters to maintain specified flow rate.
- .5 Replace HEPA filter as required to maintain flow rate and integrity of unit.
- .6 Discharge HEPA filtered negative air machines to building exterior, where possible. Direct discharge away from building access points.
- .9 Install Signage in clearly visible locations and in sufficient numbers to adequately warn of lead hazard, and lead hazard where appropriate.

### **3.3 Maintenance of Abatement Work Area**

- .1 Inspect polyethylene sheeting and ensure it is effectively sealed and taped. Repair damage and remedy defects immediately.
- .2 Inspect electrical panels and ensure locks and tags are on panels prior to entering the Abatement Work Area.
- .3 Inspect HEPA filtered negative pressure machines including discharge ducting at the beginning and end of each working period. Inspection must be performed by competent person.
- .4 Maintain Abatement Work Area in tidy condition.
- .5 Remove standing water on polyethylene/floor at the end of every shift.
- .6 Turn off water supply to any hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.

### **3.4 Lead-Containing Paint Abatement**

- .1 Removal methods minimizing dust generation should be used wherever possible.
  - .1 Wet methods are to be used to reduce dust generation.
    - .1 Wetting agents should be used where possible.
    - .2 Wet method not be used if it creates a hazard or cause damage to equipment or to building finishes.
- .2 Provide drop sheets below all lead operations that may produce dust, chips or debris containing lead.
- .3 Waste water from cleaning or removal operations must be contained, for treatment or disposal.
- .4 Remove lead-based paint in small sections and pack as it is being removed in sealable waste containers.
- .5 Waste generated should be maintained wet until cleaned and packaged.
- .6 Follow manufacturer's instructions for all use of chemical gels, strippers and pastes.
  - .1 Ensure agent neutralizers, were required, are applied.

- .7 After completion of stripping work, wire brush and wet sponge surface from which lead based paint has been removed to remove visible material. During this work keep surfaces wet.
- .8 After wire brushing and wet sponging to remove visible lead based paint, wet clean entire work area, and equipment used in process.
  - .1 Compressed air or dry sweeping must not be used to clean up lead-containing dust or waste.
  - .2 Ensure all waste is cleaned and packaged.
- .9 Seal filled containers. Clean external surfaces thoroughly by wet sponging. Remove from immediate working area to staging area. Clean external surfaces thoroughly again by wet sponging. Wash containers thoroughly pending removal to outside. Ensure containers are removed by workers who have entered from uncontaminated areas dressed in clean coveralls.

### **3.5 Waste Management and Disposal**

- .1 Per Section 02 81 00.

### **3.6 Final Cleaning**

- .1 Place polyethylene sheets, tape, cleaning material, clothing, and contaminated waste in plastic bags and seal. Dispose of in accordance with waste materials generated.
- .2 Clean Work areas, Clean Room, and Transfer Room, where present.
- .3 Remove sealed waste containers and equipment used in Work and remove from work areas at appropriate time in cleaning sequence.
- .4 Conduct final check to ensure no dust or debris remain on surfaces as result of dismantling operations.

## **END OF SECTION**

\\FSCAL\Job\310000\0310590.000 TownOfDrumheller,702Premier,HAZ,CONS\Deliverables\02 83 11 Lead Abatement - Intermediate Precautions AB.docx



**PART 1 GENERAL**

**1.1 General and Related Work**

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
  - .1 Section 02 81 00 Hazardous Materials – General Provisions

**1.2 Outline of Work**

- .1 Unless otherwise shown or specified it is the intent that work performed as per this section will result in the removal and destruction of:
  - .1 PCB-containing ballasts
- .2 All Work shall be performed in strict accordance with the Project Documents and all governing codes, rules, and regulations. Where conflicts occur between the Project Documents and applicable codes, rules, and regulations, the more stringent shall apply.

**1.3 Quality Assurance**

- .1 Ensure the removal and handling of PCBs is performed by persons experienced in the relevant methods, procedures and industry practices.
- .2 Complete work so that at no time do PCBs contaminate the building or environment.

**1.4 Instruction and Training**

- .1 Instruction and training must be provided to all workers and supervisors. Instruction and training includes the following:
  - .1 Hazards of PCBs.
  - .2 Use, care and disposal of protective equipment (including but not limited to respirators and filters) and clothing that would be used and worn during work, including:
    - .1 Limitations of equipment.
    - .2 Inspection and maintenance of equipment.
    - .3 Proper fitting of equipment.
    - .4 Disinfecting and cleaning of equipment.
  - .3 Personal hygiene to be observed when performing the work.
  - .4 The measures and procedures prescribed by this section.
- .2 Instruction and training must be provided by a competent, qualified person.

**1.5 Personal Protection**

- .1 Workers handling PCB-containing materials are advised to avoid skin and eye contact.
- .2 During removal of PCBs, personnel are to wear personal protective equipment appropriate to the task.
- .3 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.

## **1.6 Inspections**

- .1 Refer to Part 1.12 Inspections in Section 02 81 00 – General Provisions.
- .2 The following Milestone Inspections are to be scheduled:
  - .1 Milestone Inspection - Clean Site Preparation
  - .2 Milestone Inspection – Bulk Removal Inspection
  - .3 Milestone Inspection - Visual Clearance

## **PART 2 PRODUCTS**

### **2.1 Materials**

- .1 Containment Drums: new, not used double bung 45 gallon No. 16 gauge cold rolled steel drums with removable steel lid, PCB resistant gasket (nitrile rubber, cork or Teflon), and 12 gauge compression type ring closure with 5/8" bolt and forged lug. Drums shall be newly painted inside and out with bright white rust-resistant enamel. Metal pail of 16 gauge steel with removal steel lid, are also acceptable for smaller quantities of waste.
- .2 Decontamination Area: An established area for the purpose of decontaminating personnel and equipment.
  - .1 Of sufficient size to accommodate cleaning of equipment and removing personal protective equipment.
  - .2 Install PCB warning signs / tape at the entrance to the decontamination area.
  - .3 The floor shall be covered with polyethylene sheeting.
  - .4 Include a hand washing station complete with soap and towels and 6 mil polyethylene bags for disposal of PCB-contaminated items such as gloves, Tyvek suits, rags etc.
  - .5 All personnel must enter and exit the Abatement Work Area through the decontamination area.
  - .6 All equipment and surfaces of waste containers must be cleaned prior to removing them from the decontamination room or area.
  - .7 Work clothing must be cleaned with a HEPA vacuum before it is removed.
- .3 Drum liners: clear polyethylene bag, 36" x 60", 6 mil thick. Open one 36" end.

- .4 Label: appropriate PCB Labels and Placards of sufficient size to be clearly legible, for display on waste containers (bags, boxes, rolloffs or drums) which will be used to contain or transport PCB contaminated material, in accordance with TDG regulations.
- .5 Polyethylene Sheeting: 6 mil (0.15 mm) minimum thickness unless otherwise specified, in sheet size to minimize joints. New materials only.

### **PART 3 EXECUTION**

#### **3.1 General**

- .1 Do not contaminate building surfaces with PCBs.
- .2 Should visible PCB debris be observed outside the Work Area, immediately stop Work, notify the Consultant and Owner and institute emergency procedures as directed. All costs incurred in decontaminating such non-Work Areas and the contents thereof shall be borne by the contractor, at no additional cost to the Owner.
- .3 Notify Owner's Representative of any spills immediately.
  - .1 Any spills of PCBs are to be cleaned to the satisfaction of the Owner's Representative at the contractor's cost. This includes removal and replacement of building materials as required.
- .4 Conduct PCB removal operations in a matter that fully protects Contractor's and Subcontractor's employees, the general public, other building occupants and the environment from exposure to PCB.
- .5 Non-PCB items remaining such as windows, doors, masonry, and all other building construction and components from which PCB materials are removed shall be decontaminated by physical or chemical means such that no visible residue remains. The removal of the PCB materials may require the use of scrapers, solvents, mastic removal chemicals, or other methods/procedures to ensure complete removal.

#### **3.2 Removal of Ballasts**

- .1 Contractor is responsible for determining the actual quantity of ballasts to be disposed as PCB waste.
- .2 Prior to removing any fixtures, ensure electrical service is isolated at panel, and disconnect existing power supply to electrical equipment.
  - .1 Lock-out/tag-out power at electrical panels.
- .3 Remove the following:
  - .1 Lenses at light fixtures.
  - .2 Mercury vapour lamps (refer to Section 02 87 00).
  - .3 Light fixtures.
  - .4 Ballasts.
- .4 Install polyethylene drop sheets in packaging area to protect surfaces and finishes.

- .5 Avoid rough handling of PCB ballasts. Do not drop or throw.
- .6 Identify ballasts as either non-PCB or PCB containing.
  - .1 All ballasts not clearly labelled as “NO PCB” are to be treated as PCB containing.
  - .2 Non-PCB ballasts to be recycled or disposed as solid non-hazardous waste.
- .7 Place PCB waste on polyethylene drop sheets immediately after removal.
- .8 Package PCB-containing ballasts in Containment Drums, or on wood skids.
  - .1 Place ballasts on end in Containment Drum. When full:
    - .1 Seal liner bag with duct tape.
    - .2 Seal drum with lid, gasket and compression ring.
    - .3 Affix specified and completed label.
    - .4 Do not leave liner bags or drums open overnight.
  - .2 Shrink wrap ballasts and wood skid to prevent movement during transport.
- .9 Transport packaged PCB waste to a Ministry of the Environment and Parks approved incineration facility and destroy.

### **3.3 Work Area Preparation - Exterior Removal:**

- .1 Take appropriate precautions (e.g. install windscreens) to prevent dust and debris from migrating due to windy conditions.
- .2 All work platforms and ground surfaces exterior to the work area shall have a layer of 6 mil fire retardant plastic sheeting, attached to the building face and laid down on the surface below the exterior abatement work area, at least 10 feet wide or to the furthest point of gravity fall for dislodged debris by methods used, whichever is further.
- .3 For work at the second storey and above, extend 6 mil fire retardant plastic sheeting as necessary.
- .4 For work above third storey, by sidewalk, street, or property boundary, scaffolding sides shall be covered in 6-mil fire retardant plastic sheeting.
- .5 All operable windows within the work area and 25 ft from all sides of the work area shall be closed.

### **3.4 Work Area Preparation - Interior Removal:**

- .1 All floor areas adjacent to the work area shall have a layer of polyethylene sheeting, attached to the interior wall and laid down on the surfaces below the abatement work area, at least 5 feet wide or to the furthest point of gravity fall for dislodged debris by methods used, whichever is further.
- .2 All movable objects shall be removed from the immediate work area. All non-movable objects shall be covered with one layer of polyethylene sheeting and sealed at the edges.

- .3 All operable windows within the work area shall be closed.
- .4 Temporary dust barriers consisting of a minimum of polyethylene sheeting shall be installed at hallways, corridors, doorways, and other openings to the work area not used for passage during removals to establish work area containment enclosure.
- .5 Polyethylene sheeting overlapping curtained doorway shall be installed at the entrance to the work area.

### **3.5 Equipment and Area Decontamination**

- .1 When removal of PCB materials is completed, the decontamination process shall consist of HEPA vacuuming, wet wiping/mopping and a repeated HEPA vacuuming of the entire work area. All surfaces in and around the work area must be free of dust generated during the work.
- .2 Decontaminate all tools and equipment before removal from the work area.
- .3 If dust or debris has migrated to areas of the building other than the immediate work area, those areas shall be incorporated into the work area and thoroughly decontaminated to ensure all visible dust generated by the activity is eliminated.
- .4 Uncontaminated dust barriers and other protective sheeting shall be placed in disposable construction bags and disposed of as normal trash.
- .5 Visually inspect the area for any remaining dust or debris. HEPA vacuum and wet wipe until space is clean. Dispose of vacuum contents as PCB waste.
- .6 Upon completion of decontamination and removing temporary dust barriers, a final inspection shall be performed by the Contractor.
- .7 Failure of any visual inspection by the Consultant, the Contractor will clean the affected areas at no additional expense to the Owner.

### **3.6 Transportation and Reporting**

- .1 All waste containers shall be fully enclosed and lockable (i.e. enclosed dumpster, trailer, etc.).
  - .1 While on-site, the container shall be labelled with PCB Warning Labels and as required by Federal and Provincial regulations.
- .2 All waste generated as part of the PCB project shall be removed from the site within ten (10) calendar days after successful completion of all PCB abatement work.
- .3 The Hauler, with the Abatement Contractor, shall inspect the transport container prior to the Hauler taking possession and signing the Hazardous Waste Manifests.
- .4 A Hazardous Waste Manifest shall be utilized solely as the waste Manifest for transportation. A hauler billing form or bill of lading may be used if the hauler needs an independent record, but shall not be used as a shipping document.

- .1 The Manifest shall be completed by the Contractor and verified by the Consultant that all the information and amounts are accurate and the proper signatures are in place.
- .2 The Manifest shall have the appropriate signatures of the Owner's Representative (the Generator) and the Hauler representative prior to any waste being removed from the site.
- .3 Upon arrival at the Disposal Site, the Manifest shall be signed by the Disposal Facility operator to certify receipt of PCB materials covered by the manifest.
- .4 The Disposal Facility operator shall return the original Manifest to the Owner's Representative (the Generator).
- .5 Provide a copy of the completed waste manifest proving receipt of the PCB waste by the Disposal Facility.
- .5 Transport materials following Transportation of Dangerous Goods Act.
  - .1 Transport PCBs to approved incineration site for destruction and ensure materials are destroyed.
- .6 The facility used to process the PCBs shall be approved by the Ministry of the Environment and Parks.
  - .1 The facility must issue a Certificate of Destruction identifying types and quantities of PCBs generated from the project.

**END OF SECTION**

\\FSCAL\Job\310000s\0310590.000 TownOfDrumheller,702Premier,HAZ,CONS\Deliverables\02 84 00 Non-Liquid PCB Abatement AB.docx

**PART 1 GENERAL**

**1.1 General and Related Work**

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
  - .1 Section 02 81 00 Hazardous Materials – General Provisions

**1.2 Outline of Work**

- .1 Unless otherwise shown or specified it is the intent that work performed as per this section will result in the identification, removal, preparation for disposal, transportation, and disposal of mercury-containing fluorescent and mercury vapour lamps, HVAC control systems, manometers, switches and thermostats.

**1.3 Quality Assurance**

- .1 Use qualified contractors to isolate mechanical/electrical services prior to the removal of lamps or other mercury-containing equipment.
- .2 Ensure the removal and handling of mercury-containing equipment is performed by persons experienced in the relevant methods, procedures and industry practices.
- .3 Complete work so that at no time does mercury contaminate the building or environment.

**1.4 Instruction and Training**

- .1 Instruction and training must be provided to all workers and supervisors. Instruction and training includes the following:
  - .1 Hazards of mercury.
  - .2 Use, care and disposal of protective equipment (including but not limited to respirators and filters) and clothing that may be used during work, including training on:
    - .1 Limitations of equipment.
    - .2 Inspection and maintenance of equipment.
    - .3 Proper fitting of equipment.
    - .4 Disinfecting and cleaning of equipment.
  - .3 Personal hygiene to be observed when performing the work.
  - .4 The measures and procedures prescribed by this section.
- .2 Instruction and training must be provided by a competent, qualified person.

**1.5 Personal Protection**

- .1 During removal of equipment containing mercury, personnel are to wear personal protective equipment appropriate to the work being performed.



- .2 The following personal protection is to be available on site in the event of a spill or leak:
  - .1 Non-powered half-face respirators with combined P100 and mercury vapour cartridge.
  - .2 Protective clothing.
  - .3 Rubber, nitrile or latex gloves.
- .3 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.

## **PART 2 PRODUCTS**

### **2.1 Materials**

- .1 Containment Drums: new metal pails or steel drums with removable steel lid. Drums shall be newly painted inside and out with bright white rust-resistant enamel.
- .2 Drum liners: clear polyethylene bag, 0.15mm thick.
- .3 Label: Mercury warning labels.
- .4 Lamp Storage Container: Cardboard box that lamps were originally packaged within, or plastic or cardboard totes for recycling lamps. Intent is to package lamps so that they are not broken during shipping. Container to be designed for lamps of that size.
- .5 Mercury Sponge: A plated metal-wool pad for the pick-up of mercury spills.
- .6 Mercury Vacuum: Nilfisk VT Mercury Vacuum or equal. Vacuum used to collect liquid mercury and granular mercury compounds with an internal HEPA filter and an activated carbon adsorbent filter to purify exhaust air of mercury vapours.
- .7 Neutralizing Agent: Mercon X or similar. Mercury neutralizing solution such as 20% calcium polysulfide or sodium thiosulphate.
- .8 TSP: Tri Sodium Phosphate, or other strong cleaner.

## **PART 3 EXECUTION**

### **3.1 Equipment Removal**

- .1 Prior to removing any fixtures or equipment, ensure associated services are isolated and de-energized.
- .2 Locate and remove the following materials designated to be disposed of:
  - .1 Fluorescent and mercury vapour lamps
  - .2 HVAC control systems, manometers, switches
  - .3 Thermostats
- .3 Place all mercury-containing equipment into containers to prevent breakage.

- .4 Provide an accurate inventory of the contents of each container including number of light tubes and lamps and an estimate of the total weight of the container in kilograms.

### **3.2 Packaging**

- .1 Do not contaminate building surfaces with mercury.
- .2 Notify Owner's Representative of any spills immediately.
  - .1 Any spills of mercury are to be cleaned to the satisfaction of the Owner's Representative at the contractor's cost. This includes removal and replacement of building materials as required.
- .3 Install polyethylene drop sheets in packaging area to protect surfaces and finishes.
- .4 Package lamps in lamp storage containers. Do not break lamps.
- .5 Package mercury-containing equipment as follows:
  - .1 Place polyethylene liner in metal drum or pail.
  - .2 Carefully place mercury-containing equipment in pails, to prevent breakage.
  - .3 When full, or all items placed in container, seal liner bag with duct tape, seal lid, and place appropriate label on outside of container.

### **3.3 Emergency Response for Spills**

- .1 For small spills:
  - .1 Evacuate area. Only personnel using the specified personal protective equipment are to be in spill area.
  - .2 Open windows or provide ventilation to area.
  - .3 Clean mercury and broken glass with mercury vacuum.
  - .4 Clean horizontal surfaces impacted by spill with TSP or approved alternative cleaner.
- .2 For large mercury spills:
  - .1 Evacuate area. Only personnel using the specified personal protective equipment are to be in spill area.
  - .2 Contact Owner's Representative immediately.
  - .3 Open windows or provide ventilation to area.
  - .4 Deactivate heat systems if they are adjacent and may aid in vaporization of mercury.
  - .5 If spill cannot be cleaned up immediately, apply neutralizing agent over mercury spill area.
  - .6 Collect mercury droplets together with a dust pan, squeegee or mercury vacuum.

- .7 Clean-up bulk mercury using aspirator bulb or mercury vacuum. Clean remainder with a mercury sponge. Place mercury in closed container (plastic or glass).
- .8 Porous surfaces are to be cleaned with Neutralizing Agent after clean-up of bulk mercury. Neutralizing Agent to be cleaned with mercury vacuum, or manufacturer's instructions.
- .9 If mercury spills into soil, carpet, through cracks, into drains etc. further removal of surface materials at contractor's cost will be required. Do not proceed without approval from Owner's Representative.
- .10 Clean horizontal surfaces impacted by spill with TSP or approved alternative cleaner.
- .11 Place all cleaning materials including drop sheets or polyethylene sheeting in containment drums.

### **3.4 Transportation and Reporting**

- .1 Transport materials following Transportation of Dangerous Goods Act.
  - .1 Transport Mercury Materials and Waste to approved site for recycling, including mercury vapour in lamps, and ensure materials are recycled.
- .2 The facility used to process and recycle the mercury shall be approved by the Ministry of the Environment and Parks, and local jurisdictional authority, and shall have valid Certificates of Approval to carry out the work outlined herein.
  - .1 The facility must issue a Certificate of Recycling identifying types and quantities of materials generated from the project. The facility must also provide a Certificate of Recycling for the mercury generated from the project.
- .3 Provide the Abatement Consultant a copy of each waste manifest and or a letter from the recycling agency acknowledging receipt of the materials.

### **END OF SECTION**

\\FSCAL\Job\310000s\0310590.000 TownOfDrumheller,702Premier,HAZ,CONS\Deliverables\02 84 16 Mercury Abatement AB.docx

## **PART 1 GENERAL**

### **1.1 General and Related Work**

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
  - .1 Section 02 81 00 Hazardous Materials – General Provisions

### **1.2 Outline of Work**

- .1 Refer to the hazardous materials reports provided for the extent of the Abatement Work Areas.
- .2 Remove and dispose of the following materials as clean waste prior to abatement work:
  - .1 Carpet, thresholds, tack strips and underpad.
  - .2 Millwork and cabinets.
  - .3 Doors and door hardware.
- .3 Comply with requirements of this Section when performing the following Work:
  - .1 Drilling of holes in concrete or rock.
  - .2 Any operation at a project that requires handling of silica-containing material in a way that may result in a worker being exposed to airborne silica, and not defined in other sections.
  - .3 Entry into a dry mortar removal or abrasive blasting area while airborne dust is visible for less than 15 minutes for inspection and/or sampling.
  - .4 Working within 25 metres of an area where compressed air is being used to remove silica-containing dust outdoors.

### **1.3 Instruction and Training**

- .1 Provide instruction and training to all workers including the following:
  - .1 Hazards of silica.
  - .2 Use, care and disposal of protective equipment (including but not limited to respirators and filters) and clothing that would be used and worn during abatement work, including:
    - .1 Limitations of equipment.
    - .2 Inspection and maintenance of equipment.
    - .3 Proper fitting of equipment.
    - .4 Disinfecting and cleaning of equipment.
  - .3 Personal hygiene to be observed when performing the work.
  - .4 The measures and procedures prescribed by this section including decontamination of the worker.
- .2 Instruction and training must be provided by a competent person.

#### **1.4 Personal Protection**

- .1 Protect all personnel at all times when possibility of disturbance of silica exists.
- .2 Provide non-powered half-face respirators with P100 high efficiency (HEPA) cartridge filters.
- .3 Provide protective clothing for personnel entering the Abatement Work Area, including:
  - .1 Disposable protective clothing that does not readily retain or permit skin contamination, consisting of full body covering including head covering with snug fitting cuffs at wrists, ankles, and neck.
- .4 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.

### **PART 2 PRODUCTS AND FACILITIES**

#### **2.1 Materials and Equipment**

- .1 Refer to Section 02 81 00.

### **PART 3 EXECUTION**

#### **3.1 Site Preparation**

- .1 Stored or non-fixed items, including but not limited to equipment, furniture, waste etc., shall be removed from the Abatement Work Area prior to abatement work.
- .2 Provide amended water for wetting, and an adequate method of wetting (garden sprayers, airless sprayers, etc.).
- .3 Provide electrical power and shut off for operation of powered tools and equipment. Provide ground fault interrupter circuits on power source for electrical tools, in accordance with applicable CSA Standard.
  - .1 Ensure safe installation of electrical lines and equipment.
- .4 Isolate Abatement Work Area with barrier tape located a minimum of 10 metres away from work being performed.
- .5 Install Signage in clearly visible locations and in sufficient numbers to adequately warn of a silica dust hazard.
- .6 Place required tools to complete the abatement within the Abatement Work Area.
- .7 Provide washing facilities consisting of a wash basin, clean water, soap and towels.
  - .1 Workers are to use washing facilities each time leaving the Abatement Work Area.

#### **3.2 Maintenance of Abatement Work Area**

- .1 Maintain Abatement Work Area in tidy condition.
- .2 Remove waste and debris frequently.
- .3 Remove standing water on floor at the end of every shift.

- .4 Turn off water supply to hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.

### **3.3 Silica Handling**

- .1 Removal methods minimizing dust generation should be used wherever possible.
  - .1 Wet methods are to be used to reduce dust generation.
  - .2 Wetting agents should be used where possible.
  - .3 Wet methods should not be used if it creates a hazard or cause damage to equipment or to project.
- .2 Power tools to be equipped with a shroud, and to be kept flush with surface.
- .3 Do not use compressed air to clean or remove dust or debris.
- .4 Frequently and at regular intervals during the work, clean up dust and waste using HEPA vacuums and/or wet sweeping or mopping.
- .5 Immediately upon completion of work, clean area with HEPA vacuum and/or wet sweeping or mopping.
- .6 Waste generated should be maintained wet until cleaned.

### **END OF SECTION**

\\FSCAL\Job\310000\0310590.000 TownOfDrumheller\702Premier,HAZ,CONS\Deliverables\02 85 10 Silica - Minimum Precautions AB.docx

## **PART 1 GENERAL**

### **1.1 General and Related Work**

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
  - .1 Section 02 81 00 Hazardous Materials – General Provisions

### **1.2 Outline of Work**

- .1 Refer to the hazardous materials reports provided for the extent of the Abatement Work Areas.
- .2 Remove and dispose of the following materials as clean waste prior to abatement work:
  - .1 Carpet, thresholds, tack strips and underpad.
  - .2 Millwork and cabinets.
  - .3 Doors and door hardware.
- .3 Comply with requirements of this Section when performing the following Work:
  - .1 Removal of non-asbestos refractory materials with a jackhammer.
  - .2 Use of power tool to cut, grind, or polish concrete, masonry, terrazzo and refractory materials.
  - .3 Use of power tool to remove silica-containing materials.
  - .4 Tuckpoint and surface grinding.
  - .5 Dry mortar removal with electric or pneumatic cutting device.
  - .6 Dry method dust cleaning of abrasive blasting operations.

### **1.3 Instruction and Training**

- .1 Provide instruction and training to all workers including the following:
  - .1 Hazards of silica.
  - .2 Use, care and disposal of protective equipment (including but not limited to respirators and filters) and clothing that would be used and worn during abatement work, including:
    - .1 Limitations of equipment.
    - .2 Inspection and maintenance of equipment.
    - .3 Proper fitting of equipment.
    - .4 Disinfecting and cleaning of equipment.
  - .3 Personal hygiene to be observed when performing the work.
  - .4 The measures and procedures prescribed by this section including decontamination of the worker.
  - .5 Instruction and training must be provided by a competent person.

### **1.4 Personal Protection**

- .1 Protect all personnel at all times when possibility of disturbance of silica exists.



- .2 Provide the following respiratory protection to all personnel, at minimum:
  - .1 Non-powered full-face respirators with P100 high efficiency (HEPA) cartridge filters.
  - .2 Full Face Powered Air Purifying Respirators (PAPR) with P100 high efficiency (HEPA) cartridge filters during
- .3 Provide protective clothing, to all personnel entering the Abatement Work Area, including:
  - .1 Disposable protective clothing that does not readily retain dust or permit skin contamination, consisting of full body covering including head covering with snug fitting cuffs at wrists, ankles, and neck.
- .4 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.

## **PART 2 PRODUCTS AND FACILITIES**

### **2.1 Materials and Equipment**

- .1 Refer to Section 02 81 00.

### **2.2 Hoarding Walls**

- .1 Type A Hoarding Wall: One layer of rip-proof polyethylene sheeting installed floor to ceiling, secured with telescopic poles, clips, or other suitable methods.
- .2 Type B Hoarding Wall: 38 mm x 89 mm wood or metal studs at 400 mm o/c with continuous sill and top plate, covered with one layer of rip-proof polyethylene sheeting on each side of wall.
- .3 Type C Hoarding Wall: 38 mm x 89 mm wood or metal studs at 400 mm o/c with continuous sill and top plate, covered with one layer of polyethylene sheeting on each side of wall. Install 13 mm OSB, plywood or gypsum board over polyethylene sheeting on Occupied Area side. Paint Occupied Area side of plywood, OSB, or gypsum board with one coat of primer and one coat of flat white latex.
- .4 Windows: Install sufficient transparent windows area in hoarding walls to allow observation of entire work area from outside the enclosure where existing solid walls do not make up the perimeter.

### **2.3 Clean Room**

- .1 Clean Room to be generally 2000 mm x 2000 mm x 2200 mm high. Increase size accordingly to accommodate number of workers.
- .2 Install walls as follows:
  - .1 Install 38 x 89 mm wood framing at 610 mm o/c with continuous top and sill plates.
  - .2 Install one layer rip-proof polyethylene sheeting on interior walls of Clean Room.
- .3 Install one layer of rip-proof polyethylene sheeting over two layers of 6 mil polyethylene sheeting on floor.
- .4 Install one layer of rip-proof polyethylene sheeting over roof.
- .5 Turn 600 mm of polyethylene down the sides over the polyethylene on the perimeter

walls.

- .6 Install a fire extinguisher, mount to wall.

## **2.4 Curtained Doorways**

- .1 Construct as follows:
  - .1 Install two flap doors, full width and height of door opening at all doors to Abatement Work Area and both ends of Clean Room.
  - .2 Construct each flap door of two layers of polyethylene sheeting with all edges reinforced with tape. Use wood strapping to securely fasten flap doors to head and alternate jambs.
  - .3 Install weights attached to bottom edge of each door flap.
  - .4 Provide direction arrows on flaps to indicate opening.

## **PART 3 EXECUTION**

### **3.1 Site Preparation - General**

- .1 Stored or non-fixed items, including but not limited to equipment, furniture, waste etc., shall be removed from the Abatement Work Area prior to abatement work.
- .2 Provide amended water for wetting, and adequate method of wetting (garden sprayers, airless sprayers, etc.).
- .3 Provide electrical power and shut off for operation of powered tools and equipment. Provide ground fault interrupter circuits on power source for electrical tools, in accordance with applicable CSA Standard.
  - .1 Ensure safe installation of electrical lines and equipment.

### **3.2 Site Preparation –Enclosure**

- .1 Install Curtained Doorways.
- .2 Seal openings in floor using tape, caulking, polyethylene, etc. Floor openings are to be sealed independently prior to installation of floor polyethylene.
- .3 Install 6 mil polyethylene sheeting on walls to remain within the Abatement Work Area.
- .4 Install one layer of 6 mil polyethylene sheeting so as to protect all equipment and finishes in the Abatement Work Area that may be damaged.
- .5 Place required tools to complete the abatement with the Abatement Work Area.
- .6 Install temporary lighting in enclosure to a level that will provide for safe and efficient use of work area - minimum 550 LUX.
- .7 Establish negative pressure in Abatement Work Areas as follows:
  - .1 Provide sufficient HEPA filtered negative pressure machines to exchange a volume of air equivalent to that of the Abatement Work Area a minimum of every 15 minutes.
  - .2 Provide additional HEPA filtered negative pressure machines as required to ensure air flow from Occupied Area into Abatement Work Area.
  - .3 Operate HEPA filtered negative pressure machines continuously from first disturbance of ACM until completion of dismantling.

- .4 Replace prefilters to maintain specified flow rate.
- .5 Replace HEPA filter as required to maintain flow rate and integrity of unit.
- .6 Discharge HEPA filtered negative air machines to building exterior, where possible.
  - .1 Direct discharge away from building access points.
- .8 Install Signage in clearly visible locations and in sufficient numbers to adequately warn of a silica dust hazard.
- .9 Provide washing facilities consisting of a wash basin, clean water, soap and towels.
  - .1 Workers are to use washing facilities each time leaving the Abatement Work Area.

### **3.3 Maintenance of Abatement Work Area**

- .1 Inspect polyethylene sheeting and ensure it is effectively sealed and taped. Repair damage and remedy defects immediately.
- .2 Inspect electrical panels and ensure locks and tags are on panels prior to entering the Abatement Work Area.
- .3 Inspect HEPA filtered negative pressure machines including discharge ducting at the beginning and end of each working period. Inspection must be performed by competent person.
- .4 Maintain Abatement Work Area in tidy condition.
- .5 Remove standing water on polyethylene/floor at the end of every shift.
- .6 Turn off water supply to any hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.

### **3.4 Silica Handling**

- .1 Removal methods minimizing dust generation should be used wherever possible.
  - .1 Wet methods are to be used to reduce dust generation.
    - .1 Wetting agents should be used where possible.
    - .2 Wet methods should not be used if it creates a hazard or cause damage to equipment or to project.
  - .2 Power tools to be equipped with a shroud, and to be kept flush with surface.
  - .3 Do not use compressed air to clean or remove dust or debris.
  - .4 Frequently and at regular intervals during the work, clean up dust and waste using HEPA vacuums and/or wet sweeping or mopping.
  - .5 Immediately upon completion of work, clean area with HEPA vacuum and/or wet sweeping or mopping.
  - .6 Waste generated should be maintained wet until cleaned.

**END OF SECTION**

\\FSCAL\Job\310000\0310590.000 TownOfDrumheller,702Premier,HAZ,CONS\Deliverables\02 85 11 Silica - Intermediate Precautions AB.docx