



GUIDE FOR  
*Demolition Disposal*



Lac La Biche County  
welcoming by nature.

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# Overview

## WHAT IS A DEMOLITION LOAD?

“Construction and Demolition Waste” or “C & D” shall mean materials consisting of the debris generated during the construction, renovation, and demolition of buildings, roads, and bridges. Construction and Demolition materials often contain bulky, heavy materials such as concrete, wood, metals, glass, and salvaged building components. It shall include materials from repairs, alterations, clearing, renovations, maintenance, or debris from any building removed or destroyed by fire or any other cause which must be free of Recyclables.

*Quoted from Lac La Biche County Bylaw 20-016 Waste & Recycling.*

## *I have a building to demolish, what is the process?*

Call 780-623-6739 or email [green@laclabichecounty.com](mailto:green@laclabichecounty.com) to help you at any point during this process.

- 1 Prior to demolition, you must acquire a Demolition Permit and you may also need an asbestos analysis.
- 2 Contact the Inspections Group to get a Demolition Permit. Email [cditchfield@inspectionsgroup.com](mailto:cditchfield@inspectionsgroup.com) or call 780 454 5048.
- 3 Send the permit to [green@laclabichecounty.com](mailto:green@laclabichecounty.com). You may need an asbestos analysis if the building was manufactured in 1990 or earlier. If the analysis is required, the results must be emailed as well. Environmental Services will send you an approval prior to your disposal.

### *Where do I get an analysis done?*

*A quick Google search for asbestos analysis labs will provide you with some options. If you are unable to search, please email us at [green@laclabichecounty.com](mailto:green@laclabichecounty.com).*

## **If the results prove to have asbestos, please refer to page 8.**

*If your materials have hazardous waste other than asbestos, your load will have to be brought to a Class 1 landfill, such as the one in Ryley, AB.*

**Landfills have different Classes according to the types of waste they can accept.**

*Class I - Hazardous waste landfill.*

*Class II - Non-hazardous waste landfill.*

*Class III - Inert waste landfill.*

**4** If your materials are free of hazardous waste and you have completed the asbestos evaluation, we can accept it at the Beaver Lake or Plamondon Landfill. These are both Class II landfills and can accept non-hazardous waste.

**You may bring in the materials yourself or through a contractor. Please call for charges regarding bringing in the materials. Each load will have to be brought in with a manifest. A manifest is a document that has this information:**

- A. **WHO** is bringing the load.
- B. **WHAT** is inside the load. I.e. Demolition material from a house.
- C. **WHERE** the load is coming from.
- D. **WHEN** the load is being brought in.

Example of a manifest:

**MANIFEST**  
Company Name: \_\_\_\_\_  
Driver's Name: \_\_\_\_\_  
Licence Plate #: \_\_\_\_\_  
Date: \_\_\_\_\_  
Where are you hauling from: \_\_\_\_\_  
What is in the load: \_\_\_\_\_  
Which landfill are you hauling to: \_\_\_\_\_

Email us at [green@lacobichcounty.com](mailto:green@lacobichcounty.com) or call 780-623-6739 to let us know the date and approximate time of when your demolition load is coming to the site.

Only Beaver Lake or Plamondon Landfill can accept large demolition loads.

Transfer sites cannot accept demolition.

### Beaver Lake Landfill

13047 TWP RD 670

Hours of Operation

9:00 am to 4:30 pm

Monday, Tuesday, Wednesday, Thursday, Friday, Saturday

Closed Sundays and Stat Holidays

### Plamondon Landfill

67555 RGE RD 161

Hours of Operation

9:00 am to 4:30 pm

Tuesday, Wednesday, Thursday, Friday, Saturday

Closed Mondays, Sundays and Stat Holidays

## 5 Bringing in Your Materials

The load will go on the scale, the driver will provide the manifest to the Scale Operator and then the Operator will inform you where to dispose of the load.

On your way out, you will be weighed again, and the cost will be calculated.

$\text{Weight in} - \text{Weight out} = \text{Weight of the Load} \times \text{Material Stream Rate} = \$ \text{ Total Cost.}$

### Payment Options

We accept debit or credit cards onsite, or prior arrangements can be made for an account to be created for invoicing. To create an account, please email [green@lACLAbichCounty.com](mailto:green@lACLAbichCounty.com) or call 780-623-1747. This account must be made at least 3 business days before demolition begins so that your agreement with Lac La Biche County can be processed and set-up. If you do not have an account and are using a contractor, the disposal cost will get charged to them.

Recycling is strongly encouraged. If you are able to separate out recyclable materials from waste, it will lower your cost to dispose and help us prolong the life of our landfills.

*A full list of our recyclable materials are listed in our What Goes Where which can be found on our website:  
[www.lACLAbichCounty.com/our-services/waste-management](http://www.lACLAbichCounty.com/our-services/waste-management)*

### TIPPING FEES

MATERIAL STREAM	SORTED RECYCLABLE MATERIAL(S)	WASTE CONTAINING RECYCLABLE MATERIAL(S)	WASTE
Industrial, Commercial, and Institutional (ICI)	\$50/tonne	\$300/tonne	\$100/tonne
Construction and Demolition (C&D)	\$50/tonne	\$300/tonne	\$100/tonne
Residential (Rates apply for single loads that exceed 500 kg. Single loads under 500 kg are FREE.)	Under 500kg: FREE Over 500kg: \$32.25/tonne	Under 500kg: FREE Over 500kg: \$100/tonne	Under 500kg: FREE Over 500kg: \$50/tonne*

*\*\*There is a minimum charge of \$10 for Residential loads in excess of 500kg.*

# Frequently Asked Questions

1. I have arranged for a contractor to dispose of my materials, how does the invoicing or payment work for that?

Answer: We will charge the company bringing in the materials for the cost of the disposal and they will have to contact you for how they want to charge you for their services. Our tipping fees are listed at the bottom of page 5.

2. The building I am disposing of is a log home or cabin, or is just a wooden shed, do I still need to do the analysis?

Answer: No, we will accept wooden structures such as a non-insulated shed without an analysis. If it was a log cabin or house, you will still have to contact the Inspections Group for a demolition permit for the demolition and will also still need to follow the asbestos testing requirements if it was built in 1990 or earlier.

3. I have a trailer or camper to dispose of, how do I do that?

Answer: Please make prior arrangements with us by calling 780-623-6739 or emailing [green@laclabichcounty.com](mailto:green@laclabichcounty.com). It will have to be free of all fluids, i.e. antifreeze, and have no batteries or hazardous materials inside. All materials must be separated as much as possible, i.e. tires must go to the tire bunker, metal to the metal pile, wood in the wood pile.

4. I have seen advertised that the County has a free tipping week in May and October, can I bring in my demolition? ICI fees will still apply if the hauler is Institutional, Commercial or Industrial (ICI).

Answer: Yes, but you will still need to obtain a permit and have it analyzed for asbestos if it is a building. ICI or C&D rates will still apply.

5. Why are you charging so much when this is construction and demolition material from my house?

Answer: Construction and Demolition (C&D) material costs us more to handle and requires more time to process these types of material. A resident can bring in construction and demolition materials and will be charged the C&D rate. ICI customers such as contractors are charged ICI rates.

**Have more questions? reach out to us!**

**Phone: 780-623-6739**

**Email: [green@laclabichcounty.com](mailto:green@laclabichcounty.com)**

# Disposal Checklist

## **In order to demolish a building in Lac La Biche County, the following must be completed:**

- Completed permit through the Inspections Group.
- Approval from Lac La Biche County Environmental Services. Please call 780-623-6739 or email [green@laclabichedcounty.com](mailto:green@laclabichedcounty.com).
- Payment of the applicable landfill fees. You can pay onsite with a credit or debit card or by invoice. If you choose to be invoiced, set-up a landfill account by calling us at 780-623-6739 or email [green@laclabichedcounty.com](mailto:green@laclabichedcounty.com). This must be done at least 7 business days prior to the material coming to the landfill.

## **These steps must be taken if your building is built in 1990 or earlier and proves to have asbestos:**

- 1. Prior to demolition, the contractor or owner must notify the Occupational Health and Safety province-wide Contact Centre at least 72 hours before anyone is exposed to asbestos airborne fibres. The contact number is 1-866-415-8690.
- 2. The analysis report must be provided to Environmental Services and if approved to be accepted at the landfill, notify Environmental services at least one week prior to disposal. Please call 780-623-6739 or email [green@laclabichedcounty.com](mailto:green@laclabichedcounty.com).
- 3. Asbestos material must be double-bagged in six mil polyethylene bags or in a sealed, impermeable container.
- 4. Bags or containers must be labelled as carcinogenic hazard and marked that the dust should not be inhaled.

When the asbestos material is brought in, ensure the Operator onsite is notified of the contents as special requirements are required for the disposal as per regulation, such as GPS location.



GUIDE FOR  
*Asbestos Disposal*





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# Overview

## WHAT IS ASBESTOS?

“Asbestos:” a generic name given to a number of naturally occurring hydrated mineral silicates. These silicates are incombustible, separate into fibres and have a unique crystalline structure.

*Quoted from Alberta Asbestos Abatement Manual, Government of Alberta.*

Asbestos is a group of naturally occurring minerals that was widely used to insulate buildings, piping and structures from the 1950s to mid-1970s due to its non-combustibility and flame-retardant properties. Asbestos was also used as a reinforcing or binding agent in plastic, piping, cement and other construction materials due to its strength and flexibility.

There are two main mineralogical classifications of asbestos – serpentines and amphiboles – based on the rock types which form asbestos. Each classification is further sub-divided as follows:

### 1 Serpentine Asbestos

Chrysotile

### 2 Amphibole Asbestos

Amosite

Crocidolite

Fibrous Tremolite

Fibrous Anthophyllite

Fibrous Actinolite

*All text above quoted from Alberta Asbestos Abatement Manual, Government of Alberta.*

## Why does asbestos need special handling?

Asbestos is a problem when disturbed in a friable form, becomes airborne, and is inhaled. If the asbestos material is in good condition, it should be left alone and periodically monitored for its condition. Non-friable asbestos such as tiles, shingles, siding, pipe, or cement is not regulated. Please note that these items could potentially become friable if damaged or altered.

*Quoted from Disposal of Asbestos Waste, Acceptable Industry Practices, Government of Alberta.*

**Friable Material:** material that can be crumbled by hand. The more friable the material, the greater the potential hazard due to fibre release.

*Quoted from Alberta Asbestos Abatement Manual, Government of Alberta.*

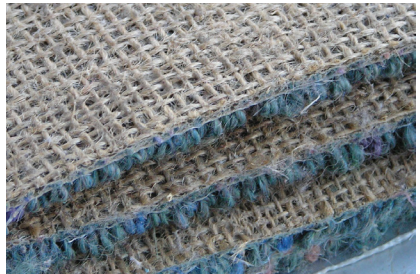
Asbestos-related diseases are caused by asbestos fibres that are inhaled and settle in the lungs. Once embedded in lung tissue, the fibres may remain within the body for extended periods. Amphiboles, because of their physical properties, remain embedded for a very long time.

*Above text quoted from Alberta Asbestos Abatement Manual, Government of Alberta.*

## *What does asbestos look like?*



Asbestos sometimes looks similar to insulation, but has long stringy fibres.



Asbestos can be in floor tiling or carpet underlay.



Corrugated asbestos for shingling and insulation.

***In Alberta asbestos waste is not considered to be a hazardous waste provided it is managed in accordance with the Guidelines for the Disposal of Asbestos Wastes.***

*Quoted from Disposal of Asbestos Waste, Acceptable Industry Practices, Government of Alberta.*

# *What do I do if I suspect my building has asbestos?*

## **HOW TO KNOW IF YOUR BUILDING HAS ASBESTOS**

If the building has been constructed between 1950 and the mid-1970s, there is a greater chance that the building contains asbestos materials. In some cases buildings constructed after 1980 may contain asbestos. Therefore, any buildings manufactured 1990 or earlier requires an asbestos analysis prior to demolition and disposal at a County landfill. If there is asbestos present, an asbestos abatement company will have to remove the asbestos fibres prior to demolition of the building. The County cannot provide companies for this work, but a listing for these services can be easily accessed through an internet or phone book search for an asbestos abatement company.

## **DEMOLITION OF BUILDINGS CONTAINING ASBESTOS**

At the County's landfills, we define loads containing asbestos waste as "waste containing more than one percent (1%) asbestos by weight".

The County has two class II landfills (Beaver Lake and Plamondon) which can accept asbestos waste (within class II limits). Prior to demolition, a building demolition permit is required. These can be obtained through the Inspections Group, their website is [www.inspectionsgroup.com](http://www.inspectionsgroup.com), their phone number is: 780-454-5048 and the contact email is: [questions@inspectionsgroup.com](mailto:questions@inspectionsgroup.com). The analysis must be completed prior to demolition.

If the building contains asbestos, prior to the demolition the contractor must provide notification to the Occupational Health and Safety province-wide Contact Centre at least 72 hours before workers may be exposed to airborne fibres. This includes the set-up operations that may release fibres, such as the removal of barriers or partitions like false ceilings behind or on which asbestos containing materials may have accumulated. The OHS Contact Centre telephone number is: 1-866-415-8690. This notification must include the location of the work site, the start and completion dates, and a description of the work to be performed. An Asbestos Project Notification form (Form WHS 3910) must be completed and submitted to Occupational Health and Safety.

*This is as per the Asbestos Abatement Manual, Government of Alberta.*

All procedures and guidelines for demolition and renovation of asbestos containing buildings and structures must be adhered to as outlined in the Alberta Asbestos Abatement Manual (please see the back of this brochure for information on this manual).

## CAN I DEMOLISH OR RENOVATE MY BUILDING CONTAINING ASBESTOS MYSELF?

No one other than licenced and trained professionals should remove asbestos. As per Occupational Health and Safety regulations, any contractor that is involved in an asbestos abatement project must have received proper training, and must be wearing the proper personal protective equipment (PPE). Asbestos fibres can easily become airborne, creating a risk of serious illness or disease if the proper precautions are not taken.

Asbestos must be:

- double-bagged in six mil polyethylene bags or in a sealed, impermeable container;
- marked with a label of the contents;
- labelled as a carcinogenic hazard; and
- marked on the bag that the dust should not be inhaled.

Lac La Biche County's Environmental Services department must be notified at least 1 week prior to delivery of the asbestos material. An account may be required prior to disposal as well, therefore please contact us by calling 780-623-6739 or email [green@laclabichedcounty.com](mailto:green@laclabichedcounty.com). A manifest must be filled out prior to coming to the site and be presented to the Operator when the materials arrive onsite.

## WHEN IS ASBESTOS WASTE A DANGEROUS GOOD?

Asbestos materials including asbestos waste is a dangerous good and subject to the Transportation of Dangerous Goods Regulation when not fixed in a natural or artificial binder material or when it is part of a manufactured product.

*Quoted from Disposal of Asbestos Waste, Acceptable Industry Practices, Government of Alberta.*

## WHAT OTHER INFORMATION IS AVAILABLE TO ME?

**The Alberta Asbestos Abatement Manual and Occupational Health and Safety contact (cited in this guide):**

<https://work.alberta.ca/occupational-health-safety/alberta-asbestos-abatement-manual.html>

- Email: [whs@gov.ab.ca](mailto:whs@gov.ab.ca)
- Phone: 1-866-415-8690 (toll-free)  
780-415-8690 (Edmonton)

**Alberta Environment and Parks Disposal Information (also cited in this guide):**

- <http://aep.alberta.ca/waste/legislation-and-policy/documents/GuidelineDisposalAsbestosWaste-Aug1989.pdf>
- <http://aep.alberta.ca/waste/legislation-and-policy/documents/DisposalAsbestosWaste-Feb2012.pdf>

Information on the availability of federal assistance programs for asbestos abatement activities can be obtained by contacting Environment Canada, Prairie and Northern Region office, at 1-800-567-1570 or [edf-fde.pnr@ec.gc.ca](mailto:edf-fde.pnr@ec.gc.ca).

# CONTACT US

## **Environmental Services**

Lac La Biche County  
Box 1679  
Lac La Biche, AB T0A 2C0

**Phone:** 780-623-1747

**Email:** [green@laclabichecounty.com](mailto:green@laclabichecounty.com)

**Web:** [www.laclabichecounty.com](http://www.laclabichecounty.com)