

Our landfill is operating on a temporary permit, which can be rescinded if we do not make some forward movement on the landfill. The landfill we have is not allowed to be expand outwards. The only thing we could do is to expand UPWARDS which means everything would have to be packed and clay would have to be brought in to create layers upward. Purchasing and hauling clay would prove to be very expensive.

Under our present temporary permit, the landfill **must** be decommissioned by 2027.

At present, we can get grants to decommission the landfill from the government, but if we don't apply now, we could miss out on the grants and the village will have to bear the total cost of the decommissioning. Grants are only available till the funding is depleted.

Also, there are 5 wells at the landfill site. These wells are tested regularly. Once the landfill is decommissioned, we will only be required to continue testing these wells until the tests show no contamination. This can be an indefinite length of time, which is determined by the Water Commission. The cost to test these wells in 2021 was \$4369.05.

Because the landfill is scheduled to be decommissioned, we need to put in a new system of garbage disposal.

At present, our garbage system consists of our maintenance staff picking up garbage on Fridays and recycle biweekly on Tuesdays. The recycle is deposited into a Loraas bin located in town. The truck we have now makes 1 dump per pick-up day. This bin is tipped up to twice a month with a charge of **\$564.06 per month** on average (based on 2021 charges).

Our waste is picked up every Friday, especially in the summer, with one load per week using our truck and taken out to the landfill. Maintenance also has to take the pay-loader out to the landfill for a period 2 hrs. every week to do clean-up.

At present, the cost of operating and maintaining our equipment for garbage and waste disposal is as follows: (Most figures are taken from Jan. 1 to June 1 of this

year and divided by 5 to give you an average monthly charge. Bear in mind, the cost of everything is increasing, so these costs are not reflecting even today's prices.)

Fuel –  $604.41 / 5 = 120.88$  per month

Repairs –  $969.20 / 5 = 193.84$  per month (The garbage truck has not been working properly since it was purchased and continues to present issues almost every month. Derr to Repair has made at least 3 trips from Shellbrook to put a monitor on this vehicle to try to find out the issues. As we get one issue dealt with, another presents itself. So far, Derr to Repair has **not** presented us with a charge for this service.)

Additional cost incurred because of truck not working:

Using Buck Rogers dump trailer for 2 garbage pickup days – **150.00**

Hiring TJ's on Jan. 20<sup>th</sup> – **845.25**

Insurance (Package Policy) –  $578.78 / 3$  vehicles =  $192.92 / 12 = 16.08$  per month

Licences –  $831.92 / 12 = 69.33$  per month

Safety of garbage Truck –  $8609.88 / 12 = 717.49$  per month

**There are no regular maintenance costs for the truck or loader or fuel for the loader being used at the landfill included in these calculations. As well, we need to keep in mind that all of the above cost will be increasing for the foreseeable future due to the rising costs of fuel and repairs, etc. in general.**

The monthly cost of the system we have at present per household (based on 192 households being issued water bills) is  $2677.93 / 192 = 13.95$

We also pay **\$3.00** on our basis water bill to cover the cost of the recycling program that we have at present.

**The first option** is to have door to door pick-up by a contracted company. The company (TJ Disposals) will supply 200 – 95 gal. black carts for garbage and 200 – 95 gal. blue carts for recycle with alternating bi-weekly front street pick-up for each.

The tipping fees are: \$14.50 / Cart Bi-Weekly waste

\$10.50 / Cart Bi-Weekly recycle

which is a total of **\$25.00** per household / per month plus GST.

Fuel surcharge will be added to any fuel price increase accordingly.

All landfill fees are included in this proposal and this proposal will be honoured for a term of 5 years.

At present, per month, we already pay **13.95** through tax dollars along with a **3.00** surcharge on our water bill for recycling for a total of **16.95** for garbage and recycling at present. This new system with door – to – door pickup would cost each household an additional **8.00 per month**.

We also have a quote from Loraas Disposal Services Ltd. as well. The difference from TJ Disposals is in the tipping fees for waste and recycling.

Loraas' tipping fees are : \$11.85 / Cart Bi-Weekly waste

\$5.65 / Cart Bi-Weekly recycle

Which is a total of **\$17.50** per household / per month plus GST. Using Loraas would cost each household an additional **\$.50** per month but **Loraas does not guarantee of these terms for any period of time.**

With this option, a transfer station would be set up at the present landfill site for larger items that would not be included in the door-to-door pickup. Things like unpainted wood, couches, etc. and the landfill would be open only on designated days for these items. Items that are not allowed and will continue to not be allowed are painted wood and shingles.

Also with this option, the recycling bin for residential use would no longer be needed, hence a **tax saving of 564.06 per month or 2.94 per household**. The recycling of cardboard from the businesses would become their responsibility and their cost.

**The second option** that has been suggested is that we continue with our present pick-up system, but instead of depositing in the landfill as we do now, we would have a tipping bin at the landfill that would be tipped as needed. With this option, we would still have all the expenses of our equipment, **\$13.95 monthly** through taxes, **\$3.00** recycling fee on our water bill, plus the cost of the tipping fees, for all of our waste. The tipping fee for our waste is hard to calculate but if we use the tipping fee for the recycling that we pay now, an estimate might look like this: Since the garbage on average equals to twice as much as the recycle, the average monthly fee for tipping the garbage could be on average **564.06 x 2 = 1128.12 per month which works out to approx. \$6.00 per month**. With this option, we would either have to sell our present garbage truck, for which we will be taking a loss either way, and replacing it with another truck or continue to put repairs on it to keep it running.

There will be the cost of setting up a transfer station at the landfill for both option one and two.