



June 20, 2023

Mr. Eshetu Beshada  
Engineering Manager  
Industrial and Wastewater Section  
Manitoba Sustainable Development  
Box 35,  
14 Fultz Blvd,  
Winnipeg, MB R3Y 0L6

Dear Mr. Beshada:

Accompanying this letter is a document titled "THE EFFECT OF WOOD ASH ON THE GROWTH AND YIELD OF LOCAL CROPS WHEN APPLIED TO NEUTRAL PH SOIL, Final Report 2020 – 2022

This report is the culmination of a 3-year study by New Era Ag Research focused on determining the effect of applying wood ash at various application rates to soils at pH above 6.5, on test plots growing canola, wheat, soy beans, and peas - four common crops in the Swan Valley area. The report concludes that applying at a rate of 3.5 – 5.5 tons per acre will:

- a) not increase the pH of soil above 8.5.
- b) not have a detrimental effect to common crops grown in Swan Valley.
- c) add vital nutrients such as potassium and sulfur in addition to the neutralizing effect the wood ash provides.

We believe this study lends support for our request to amend the current land application agreement and allow application of wood ash to soils with pH 6.5 and above. This would open many more opportunities to provide wood ash to local land owners to take advantage of nutritional benefits the wood ash provides, in addition to neutralizing low pH soils.

At this time Louisiana Pacific Canada Ltd. formally requests permission to apply wood ash on agricultural land with pH values greater than 6.5 but not to exceed 8.0.

P.O. Box. 189  
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This would require a minor revision of the current "User Agreement Wood Ash Land Spreading Program" (attached for your reference) to the *Conditions for Suitability* section.

Ash application is not anticipated to begin until fall after the harvest period is complete. However, an expedient review and approval is requested as new equipment needs to be purchased which is dependent on the approval. Thanks for your time and consideration of our request. We eagerly await your reply.

Sincerely,



Austin Spencer

Plant Environmental Supervisor

Cc: Kevin Betcher, LP Swan Valley  
Al Hambley, LP Corp.  
Nicole Lavalley, MB Environment and Climate