



Environment, Climate and Parks
Environmental Approvals Branch
1007 Century Street, Winnipeg MB R3H 0W4
T 204-945-8321 F 204-945-5229
www.manitoba.ca

File No.: 3023.00

June 15, 2022

Leigh Johnston
Canadian Kraft Paper Industries Ltd. (CKPI)
PO Box 1590, The Pas MB R9A 1L4
leigh.johnston@ckpi.com

Dear Leigh Johnston:

Re: Land Spreading Pilot Study on CKPI Mill Site – Lime Mud Application Sites

Thank you for your notice of alteration received on March 30, 2022 and additional information received on April 22, 2022. Your request is for the land spreading of lime sludge from the emergency spill pond mixed with primary sludge from the settling basin. This request is part of the land spreading pilot study at the Canadian Kraft Paper Industries Ltd. (CKPI) mill initiated in 2018. Environment Act Licence No. 1339 RR (the licence) applies to CKPI's activities at these sites.

I am satisfied that the potential changes to the environmental effects resulting from this request would be insignificant. Therefore, I approve the implementation of this notice of alteration with the following conditions:

1. Materials will be sourced only from the settling basin (primary sludge) and the spill pond (lime mud).
2. Materials sourced from the settling basin and the spill pond for these land application events must be effectively mixed prior to and upon land application.
3. All materials sourced from the settling basin and the spill pond will be sampled, analyzed, and reported for Olson-P. Olson-P shall be included when reporting all monitoring of the surficial soils of the application sites in subsequent years.
4. Materials sourced from the settling basin and the spill pond may be land applied at locations, proportions, and rates as follows:

Site	# of Hectares	Mixture (primary sludge/lime mud)	Rate of Mixture Application	Primary Sludge (Bone Dry Tonnes)	Lime Mud (Bone Dry Tonnes)
Capped Landfill 2 (CLF2) Zone 2	0.65	90/10	691.4 tonnes/ha or 0.3 m	404.47	44.94
Capped Landfill 2 (CLF2) Zone 4	0.25	75/25	691.4 tonnes/ha or 0.3 m	129.64	43.21
Site 2a Zone 1b	0.25	50/50	691.4 tonnes/ha or 0.3 m	86.425	86.425
Totals	1.15			620.535	174.575

5. Sites receiving primary sludge – lime mud mixture materials must have a means of effectively collecting any surface runoff with collected liquids being returned to a site setting basin or lagoon cell.
6. Effective scheduled sampling, recording, and analysis of applied materials and site conditions must occur in accordance with the requirements identified in the June 12, 2018 director's approval letter and subsequent correspondence to the satisfaction of the director.

Approval for additional pilot study activities may be requested by submission of a new notice of alteration. All other clauses of the licence remain in effect.

Should you have any questions regarding this approval, please contact Robert Boswick, Senior Environmental Engineer, Environmental Approvals Branch at Robert.Boswick@gov.mb.ca or 204-918-5853.

Sincerely,

Original Signed by

James Capotosto
Director

- c. Tamsin Patience, Lisa Jones - CKPI
Kristal Harman, Yvonne Hawryliuk, Cristal Huculak – Environmental Compliance and Enforcement
Siobhan Burland Ross, Robert Boswick – Environmental Approvals
Public Registry