

May 17, 2018

Tracking Number: 366471
Authorization Number: 1602

1069130 B.C. LTD.
1200 WATERFRONT CENTRE
200 BURRARD STREET, P.O. BOX 48600
VANCOUVER BC V7X 1T2

Dear 1069130 B.C. LTD.,

Application for minor permit amendments dated Feb 22, 2018, under the *Environmental Management Act*

In response to the subject application, and pursuant to Section 16 of the *Environmental Management Act*, Permit 1602 is hereby amended as follows:

1. The subject part of the preamble page 1 is amended from:
is authorized to discharge refuse to ground from a pulp and paper mill located in Campbell River, British Columbia, subject to the terms and conditions listed below.
to:
is authorized to discharge refuse to a landfill located in Campbell River, British Columbia, subject to the terms and conditions listed below.
2. Subsection 1.2.1 is amended from:
The maximum rate of discharge is 75 000 cubic metres per year.
to:
The maximum rate of discharge is 82 500 cubic metres per year.
3. The subject part of subsection 1.2.2 is amended from:
The authorized components of the refuse are identified as boiler ash, effluent treatment plant sludge, green liquor dregs, slaker grits, asbestos, lime and dredged material, sediments from mill-yard storm water collection facilities, unusable wood waste, unusable or non-recyclable construction/demolition debris, non-recyclable fibreglass debris, unsalvageable scrap metal, and mineral soil.
to:
The authorized components of the refuse are identified as boiler ash, effluent treatment plant sludge, asbestos, dredged material, sediments from mill-yard storm water collection facilities, unusable wood waste, unusable or non-recyclable construction/demolition debris, non-recyclable fibreglass debris, unsalvageable scrap metal, mineral soil, and other refuse as approved in writing by the Director. However, the refuse must not be municipal solid waste.
4. Subsection 1.2.4 is amended to add:
However, the preceding requirement regarding the origin of the refuse does not apply to the following refuse, that must not be municipal solid waste:

- (a) other refuse as approved in writing by the Director pursuant to subsection 1.2.2,
- (b) contaminated soil as authorized by a written statement pursuant to the Contaminated Sites Regulation, Section 42 Soil relocation to a landfill without a contaminated soil relocation agreement, and,
- (c) waste asbestos as authorized by this permit and/or the Hazardous Waste Regulation, Section 40 Management of waste asbestos.

5. The subject parts of subsection 3.2 are amended from:

These measures shall be incorporated into the site development and operating plan as specified in Subsection 3.5.

to:

These measures must be incorporated into the Design, Operations and Closure Plan (DOCP) as specified in Subsection 3.5.

and from:

close the landfill in accordance with the Closure Plan required in Subsection 3.6.

to:

close the landfill in accordance with the Closure Plan in the DOCP required in Subsection 3.5.

6. Subsection 3.5 is amended to:

3.5 Design, Operations and Closure Plan (DOCP)

(a) The permittee must cause a Qualified Professional to certify and submit a DOCP, for the Phase 1, 2 & 3 Landfill, and the Old Landfill, to the Director, on or before June 30, 2019, or the commencement of construction of the Phase 3 landfill, whichever occurs first. The DOCP must comply with the requirements of this permit, include the information specified in all the items listed in the Landfill Criteria for Municipal Solid Waste, Second Edition, June 2016, Section 10.3 Design, Operations and Closure Plan, and be to the satisfaction of the Director.

(b) The Director may require the permittee to cause a Qualified Professional to certify and submit an amended DOCP, as specified by the Director.

(c) The permittee must cause a Qualified Professional to certify and submit an updated DOCP to the Director, as necessary to keep the DOCP current, at least once every five years beginning June 30, 2019.

(d) The permittee must design, construct, operate, inspect, maintain, monitor, and close the Phase 1, 2 & 3 Landfill, and the Old Landfill, in accordance with the requirements of this permit and the most recent DOCP.

7. Subsection 3.6 is amended to:

3.6 Construction Reports

- (a) The permittee must cause a Qualified Professional to:
- (i) carry out inspections before and during the construction or modification of a significant facility or works at the Phase 1, 2 & 3 Landfill, and the Old Landfill, and,
 - (ii) certify and submit construction report(s) to the Director within 60 days after the completion of construction or modification of a significant facility or works at the Phase 1, 2 & 3 Landfill, and the Old Landfill.

A significant facility or works includes the landfill base, landfill base liner, leachate collection system, landfill gas collection system, and final cover system.

- (b) The construction report(s) must demonstrate that the facility and works have been constructed in accordance with the most recent DOCP, describe any technical concerns that arose from the inspections and testing and how they were addressed, and include as-built record drawings of the constructed facility and works, all the inspection and testing reports and results including geologic inspection report, quality control and quality assurance testing, soil test data including field and laboratory data, as described in the Landfill Criteria for Municipal Solid Waste, Second Edition, June 2016, section 10.2 Construction Report(s).

8. Subsection 3.7 is added:

3.7 Landfill Criteria Conformance Review

- (a) The permittee must cause a Qualified Professional to certify and submit a Landfill Criteria Conformance Review to the Director, on or before August 24, 2021.
- (b) The Landfill Criteria Conformance Review must be in accordance with the Landfill Criteria for Municipal Solid Waste, Second Edition, June 2016 (Landfill Criteria), section 2.2 Conformance of Existing Landfills, and include:
- (i) A comparison and evaluation of the conformance status of the Phase 1, 2 & 3 Landfill, and the Old Landfill, with all applicable sections of the Landfill Criteria, and,
 - (ii) if non-conformance(s) with the Landfill Criteria are identified, a Landfill Criteria Upgrading Plan, including an action plan and schedule for all proposed upgrades to conform to the Landfill Criteria, and technical and environmental justification for any proposed exceptions from the Landfill Criteria.

9. The Subsection 4.4 Table rows regarding subsections 3.5 and 3.6 are amended to:

Report	Date/Frequency of Submission
Design, Operations and Closure Plan (DOCP)	As specified in subsection 3.5.
Construction Reports	As specified in subsection 3.6.

Landfill Criteria Conformance Review	As specified in subsection 3.7.
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All other terms and conditions of the permit remain in full force and effect.

Please note that although a revised permit document has not been produced at this time a copy of this letter is being placed on the permit file, as an addendum to the permit, to formally reflect the amendments.

This permit does not authorize entry upon, crossing over, or use for any purpose of private or Crown lands or works, unless and except as authorized by the owner of such lands or works. The responsibility for obtaining such authority rests with the permittee. This permit is issued pursuant to the provisions of the *Environmental Management Act* to ensure compliance with Section 120(3) of that statute, which makes it an offence to discharge waste, from a prescribed industry or activity, without proper authorization. It is also the responsibility of the permittee to ensure that all activities conducted under this authorization are carried out with regard to the rights of third parties, and comply with other applicable legislation that may be in force.

This decision may be appealed to the Environmental Appeal Board in accordance with Part 8 of the *Environmental Management Act*. An appeal must be delivered within 30 days from the date that notice of this decision is given. For further information, please contact the Environmental Appeal Board at (250) 387-3464.

Administration of this permit will be carried out by staff from the Environmental Protection Division's Regional Operations Branch. Documents pertinent to the operational certificate are to be submitted by email or electronic transfer to the Director, in accordance with the ministry Data & Report Submissions website at: <http://www2.gov.bc.ca/gov/content/environment/waste-management/waste-discharge-authorization/data-and-report-submissions>, or as further instructed. If you have any questions or concerns, please contact Authorizations - South at Authorizations.South@gov.bc.ca.

Yours truly,



Luc Lachance, P.Eng

ENCL: None

cc: Troy Whittle, Rockyview Canada, troywhittle@rockyviewcanada.com
Darryl Stowe, Envirochem, darryl@envirochem.com