

May 4, 2020

Coastal GasLink Pipeline Ltd.  
450 - 1st Street SW  
Calgary, AB T2P 5H1

Attention: Coastal GasLink Pipeline Ltd.

**RE: Determination of Application Number 100109272**

**Permit Holder:** Coastal GasLink Pipeline Ltd.  
**Date of Issuance:** May 4, 2020  
**Effective Date:** May 4, 2020  
**Application Submission Date:** January 23, 2020  
**Application Determination Number:** 100109272  
**Approved Disturbance Footprint:** 0.0 ha

## **ACTIVITIES APPROVED**

<b>Short Term Water Use No.:</b> 0005365	<b>Point of Diversion No.:</b> 001, 002, 004, 005, 006
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## **GENERAL AUTHORIZATIONS AND CONDITIONS**

### **AUTHORIZATIONS**

#### **Water Sustainability Act**

1. The Commission, pursuant to section 10 of the *Water Sustainability Act*, hereby authorizes the diversion, storage and use of Crown water from the point(s) of diversion detailed in the Short Term Water Use Details table below.
2. The Commission, pursuant to section 24 of the *Water Sustainability Act*, hereby authorizes the use of Crown land within the activity area for the purpose of constructing, operating or maintaining works for the following points(s) of diversion under the above approved Short Term Water Use authorization

**Point of Diversion No:** 002

### **CONDITIONS**

#### **Clearing/Forest Act**

3. The permit holder is permitted to fell any trees located on Crown land within 1.5 tree lengths of the activity area that are considered to be a safety hazard according to Workers Compensation Act regulations and must be felled in order to eliminate the hazard. Trees or portions of these trees that can be accessed from the activity area without causing damage to standing timber may be harvested.

## **ACTIVITY SPECIFIC DETAILS, PERMISSIONS AND CONDITIONS**

### **SHORT TERM WATER USE**

**Short Term Water Use Number - 0005365**  
**Approval Period – From: May 4, 2020 To: May 3, 2022**

#### **ACTIVITY DETAILS**

<b>Point of Diversion No.:</b> 001	<b>Water Source Name:</b> Unnamed Lake
<b>Type:</b> Lake/Pond <b>Purpose:</b> Oil and Gas & Storage <b>Location (UTM): Zone, Northing</b> 6183262.7, <b>Easting</b> 631907.43 <b>Maximum Withdrawal Rate (m3/s):</b> 0.014 <b>Daily Withdrawal Volume (m<sup>3</sup>/day):</b> 150 <b>Authorized Annual Withdrawal Volume (m3/yr):</b> 9500 <b>Total Withdrawal Volume (m<sup>3</sup>):</b> 19000	
<b>Point of Diversion No.:</b> 002	<b>Water Source Name:</b> Unnamed Lake
<b>Type:</b> Lake/Pond <b>Purpose:</b> Oil and Gas & Storage <b>Location (UTM): Zone 10, Northing</b> 6174776.17, <b>Easting</b> 627713.45 <b>Maximum Withdrawal Rate (m3/s):</b> 0.014 <b>Daily Withdrawal Volume (m<sup>3</sup>/day):</b> 150 <b>Authorized Annual Withdrawal Volume (m3/yr):</b> 9500 <b>Total Withdrawal Volume (m<sup>3</sup>):</b> 19000	
<b>Point of Diversion No.:</b> 004	<b>Water Source Name:</b> Sukunka River
<b>Type:</b> Stream/River <b>Purpose:</b> Oil and Gas & Storage <b>Location (UTM): Zone 10, Northing</b> 6146157, <b>Easting</b> 585708 <b>Maximum Withdrawal Rate (m3/s):</b> 0.014 <b>Daily Withdrawal Volume (m<sup>3</sup>/day):</b> 120 <b>Authorized Annual Withdrawal Volume (m3/yr):</b> 5000 <b>Total Withdrawal Volume (m<sup>3</sup>):</b> 10000	
<b>Point of Diversion No.:</b> 005	<b>Water Source Name:</b> Sukunka River
<b>Type:</b> Stream/River <b>Purpose:</b> Oil and Gas & Storage <b>Location (UTM): Zone 10, Northing</b> 6137054, <b>Easting</b> 580740 <b>Maximum Withdrawal Rate (m3/s):</b> 0.014 <b>Daily Withdrawal Volume (m<sup>3</sup>/day):</b> 180 <b>Authorized Annual Withdrawal Volume (m3/yr):</b> 20000 <b>Total Withdrawal Volume (m<sup>3</sup>):</b> 40000	
<b>Point of Diversion No.:</b> 006	<b>Water Source Name:</b> Sukunka River
<b>Type:</b> Stream/River <b>Purpose:</b> Oil and Gas & Storage <b>Location (UTM): Zone 10 Northing</b> 6126446.69, <b>Easting</b> 583197.05 <b>Maximum Withdrawal Rate (m3/s):</b> 0.014 <b>Daily Withdrawal Volume (m<sup>3</sup>/day):</b> 150 <b>Authorized Annual Withdrawal Volume (m3/yr):</b> 10000 <b>Total Withdrawal Volume (m<sup>3</sup>):</b> 20000	

*All authorizations for this activity are subject to the following conditions:*

### **Short Term Water Use Conditions**

4. No instream works are permitted under this authorization.
5. A copy of this authorization must be available for inspection at the point of diversion and use location(s).
6. Water withdrawn under this authorization must only be used for the purposes of carrying out the oil and gas activities or related activities.
7. Water must not be diverted or withdrawn from any beaver pond.
8. Water withdrawal must not occur where:
  - a. stream discharge is less than 55 L/s;
  - b. the diversion will cause the stream discharge to fall below 55 L/s;
  - c. stream (wetted) depth is less than 0.30 metres (12 inches) at the withdrawal location; or
  - d. the diversion will cause the stream (wetted) depth to fall below 0.30 metres (12 inches) at the withdrawal location.
9. On any lake, water withdrawal must cease if drawdown exceeds 0.10 metres relative to the high water level (HWL mark). In the event that drawdown exceeds 0.10 metres, withdrawals may resume only when water levels have risen above the 0.10 metres drawdown level.
10. End-of-pipe intakes must be screened with maximum mesh sizes in accordance with the Fisheries and Oceans Canada 'Freshwater Intake End-of-Pipe Fish Screen Guideline'.
11. The permit holder must maintain accurate records of all water withdrawal activities throughout the term authorized. Water withdrawal records for each diversion point, including '0' values for months where no water was withdrawn, must be recorded monthly. Water withdrawal records must be submitted to the Commission on a quarterly basis via eSubmission. Quarterly reports are due on or before April 25, July 25, October 25 and January 25.
12. At any time, the Commission may suspend short term water use previously authorized. Water use suspensions will remain in place until such time as the Commission notifies permit holders that water withdrawals may resume.
13. Total water withdrawal from POD#001 cannot exceed 800m<sup>3</sup> between November 1<sup>st</sup> and March 31<sup>st</sup>
14. The approval holder is authorized to store fresh water diverted under this use approval in dugouts or other fresh water storage structures provided:
  - a) the approval holder holds a valid permit or authorization to occupy the land on which the dugout or structure is located on unless a permit or authorization is not required, and
  - b) the dugout or structure is not subject to the Dam Safety Regulation unless the approval holder has a valid Water Licence for, and Leave to Operate, the water storage structure.
15. Produced or flowback water must not be transported in a temporary above ground water line.
16. The permit holder must not undertake any of the following on Crown land to carry out activities authorized herein:
  - a. blading or excavation of the ground surface;
  - b. in-stream works; or
  - c. harvest of Crown timber.

## **ADVISORY GUIDANCE**

1. Diversion Map - 8282\_OGC\_WP1\_S10\_POD7A\_5K\_190703.pdf, Diversion Map - 8282\_OGC\_WP1\_S10\_POD11\_5K\_190703.pdf, Diversion Map - 8282\_OGC\_WP1\_S10\_POD14\_5K\_190703.pdf, Diversion Map - 8282\_OGC\_WP1\_S10\_POD16\_5K\_190703.pdf, Diversion Map - 8282\_OGC\_WP1\_S10\_PODPWS1\_5K\_190703\_16.pdf, Diversion Map - 8282\_OGC\_WP1\_S10\_POD2\_5K\_200122.pdf is for the permit holder's internal reference only and was not reviewed as a decision tool for this permit, nor does it form an integral part of this permit.
2. Unless a condition or its context suggests otherwise, terms used in this approval have the same meaning as the Environmental Protection and Management Regulation under the Oil and Gas Activities Act.

## **REFUSALS**

The BC Oil and Gas Commission ("the Commission"), under section 26 (1) (a) of the *Oil and Gas Activities Act* (OGAA), hereby refuses permissions for the following activity(s) indicated in the Refused Activities table below and submitted as part of the Application Number referenced above.

<b>Short Term Water Use No.:</b> 0005365	<b>Point of Diversion No.:</b> 003
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All pages included in this permit and any attached documents form an integral part of this permit.



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Corey Scofield  
Authorized Signatory  
Commission Delegated Decision Maker

Copied to:

First Nations – Horse Lake First Nation, McLeod Lake Indian Band, Saulteau First Nations, West Moberly First Nations