

June 18, 2020

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Amendment to Application Determination Number 100107299

Permit Holder: Coastal GasLink Pipeline Ltd.
Amendment Date of Issuance: June 18, 2020
Amendment Effective Date: June 18, 2020
Application Submission Date: May 26, 2020
Amendment Application Number: 100111103
Approved Disturbance Footprint: 0.0 ha

AMENDMENT DETAILS

Short Term Water Use No.: 0005185	To add storage
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GENERAL AUTHORIZATIONS AND CONDITIONS

AUTHORIZATIONS

Water Sustainability Act

1. The Commission, under section 26(1) of the *Water Sustainability Act*, hereby grants an amendment to the above referenced permit, as detailed in the Amendment Details table below, subject to the original permit, any subsequent amendments and any additional or revised conditions as set out herein.

CONDITIONS

Clearing/Forest Act

2. 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 - 0005185
Approval Period – From: July 8, 2019 **To:** June 30, 2021

ACTIVITY DETAILS

Point of Diversion No.: 001	Water Source Name: Kitimat River
Type: Stream/River	
Purpose: Oil and Gas & Storage	
Location (UTM): Zone 09 Northing 5986917, Easting 521041	
Maximum Withdrawal Rate (l/s): 14 L/s	
Daily Withdrawal Volume (m³/day): 199	
Total Withdrawal Volume (m³): 19998	

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

Short Term Water Use Conditions

3. 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 and Leave to Operate the water storage structure.

ADVISORY GUIDANCE

1. The approval holder is authorized to store fresh water diverted under this use approval in dugouts or other fresh water storage structures provided:
2. 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
3. the dugout or structure is not subject to the Dam Safety Regulation unless the approval holder has a valid Water Licence and Leave to Operate the water storage structure.

All pages included in this permit and any attached documents form an integral part of this permit.



Justin Anderson
Authorized Signatory
Commission Delegated Decision Maker



July 8, 2019

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Determination of Application Area Number 100107299

Permit Holder: Coastal GasLink Pipeline Ltd.

Date of Issuance: July 8, 2019

Effective Date: July 8, 2019

Application Submitted Date: July 4, 2019

Application Determination Number: 100107299

Approved Disturbance Footprint: 0.0 ha

ACTIVITIES APPROVED

Short Term Water Use No.: 0005185	Point of Diversion No.'s: 001, 002, 003, 004, 005, 006, 007, 008, 009
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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, as detailed in the Short Term Water Use Activity Details table(s) below.
2. The authorizations granted under this permit are limited to the area identified in the spatial data submitted to the Commission in the permit application as identified and dated above; herein referred to as the 'activity area'.

CONDITIONS

Notification

3. At least 5 (five) working days prior to the commencement of construction, the Permit Holder must provide a notice of works to any First Nation(s) who may have Aboriginal Interests identified, as per the BC First Nations Consultative Areas Database, within the area in which the works are to occur.

Clearing

4. 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 and CONDITIONS

SHORT TERM WATER USE

Short Term Water Use Number - 0005185
Approval Period – From: July 8, 2019 To: June 30, 2021

ACTIVITY DETAILS

Point of Diversion No.: 001	Water Source Name: Kitimat River
Type: Stream/River Purpose: Oil and Gas Purpose Location (UTM): Zone 9 Northing 5986917, Easting 521041 Maximum Withdrawal Rate (l/s): 14 L/s Daily Withdrawal Volume (m³/day): 199 Total Withdrawal Volume (m³): 19998	
Point of Diversion No.: 002	Water Source Name: Unnamed Tributary to Pine Creek
Type: Stream/River Purpose: Oil and Gas Purpose Location (UTM): Zone 9 Northing 5989893, Easting 526458 Maximum Withdrawal Rate (l/s): 14 L/s Daily Withdrawal Volume (m³/day): 199 Total Withdrawal Volume (m³): 19998	
Point of Diversion No.: 003	Water Source Name: Tributary Hirsh Creek
Type: Stream/River Purpose: Oil and Gas Purpose Location (UTM): Zone 9 Northing 5991401, Easting 542331 Maximum Withdrawal Rate (l/s): 14 L/s Daily Withdrawal Volume (m³/day): 199 Total Withdrawal Volume (m³): 19998	
Point of Diversion No.: 004	Water Source Name: Unnamed Tributary to Hirsh Creek
Type: Stream/River Purpose: Oil and Gas Purpose Location (UTM): Zone 9 Northing 5991514, Easting 551960 Maximum Withdrawal Rate (l/s): 14 L/s Daily Withdrawal Volume (m³/day): 199 Total Withdrawal Volume (m³): 19998	
Point of Diversion No.: 005	Water Source Name: Unnamed Tributary to Hirsh Creek
Type: Stream/River Purpose: Oil and Gas Purpose Location (UTM): Zone 9 Northing 5992827, Easting 531605 Maximum Withdrawal Rate (l/s): 14 L/s Daily Withdrawal Volume (m³/day): 199 Total Withdrawal Volume (m³): 19998	

Point of Diversion No.: 006	Water Source Name: Tributary Hirsh Creek
Type: Stream/River Purpose: Oil and Gas Purpose Location (UTM): Zone 9 Northing 5992898, Easting 544512 Maximum Withdrawal Rate (l/s): 14 L/s Daily Withdrawal Volume (m³/day): 199 Total Withdrawal Volume (m³): 19998	
Point of Diversion No.: 007	Water Source Name: Hirsh Creek
Type: Stream/River Purpose: Oil and Gas Purpose Location (UTM): Zone 9 Northing 5993688, Easting 533411 Maximum Withdrawal Rate (l/s): 14 L/s Daily Withdrawal Volume (m³/day): 199 Total Withdrawal Volume (m³): 19998	
Point of Diversion No.: 008	Water Source Name: Unnamed Tributary to Hirsh Creek
Type: Stream/River Purpose: Oil and Gas Purpose Location (UTM): Zone 9 Northing 5992039, Easting 536423 Maximum Withdrawal Rate (l/s): 14 L/s Daily Withdrawal Volume (m³/day): 199 Total Withdrawal Volume (m³): 19998	
Point of Diversion No.: 009	Water Source Name: Tributary Hirsh Creek
Type: Stream/River Purpose: Oil and Gas Purpose Location (UTM): Zone 9 Northing 5991938, Easting 530045 Maximum Withdrawal Rate (l/s): 14 L/s Daily Withdrawal Volume (m³/day): 199 Total Withdrawal Volume (m³): 19998	

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

Short Term Water Use Conditions

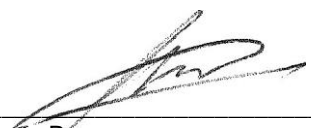
5. No instream works are permitted under this authorization.
6. A copy of this authorization must be available for inspection at the point of diversion and use location(s).
7. Water withdrawn under this authorization must only be used for the purposes of carrying out oil and gas activities or related activities.
8. Water must not be diverted or withdrawn from any beaver pond.
9. Water, withdrawal from any lakes, ponds, streams or rivers 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.
10. 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.

11. 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".
12. The Permit Holder must maintain accurate records of all water withdrawal activities throughout the term approved. 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.
13. 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.
14. Water withdrawal from POD 009 is not authorized from July 1 to August 31.
15. Water withdrawal from POD 002 is not authorized from July 1 to September 30.
16. Water withdrawal from POD 006 is not authorized from March 1 to March 31.

ADVISORY GUIDANCE

1. Diversion Map, t8282_OGC_5k_POD_Section10_E.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*.

All pages included in this permit and any attached documents form an integral part of this permit.



Norberto Pancera
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

Land Agent – Roy Northern Land Service Ltd.
First Nations – Haisla Nation Council