

September 5, 2024

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

Attention: Coastal GasLink Pipeline Ltd.

RE: Determination of Application Number 100118567

Permit holder: Coastal GasLink Pipeline Ltd.
Date of Issuance: September 5, 2024
Effective Date: September 5, 2024
Application Submission Date: August 1, 2024
Application Determination Number: 100118567
Approved Disturbance Footprint: 0.062 ha

Activities Approved

Associated Activity No.: 00239227	Type: Access
Short Term Water Use No.: 0006602	Point of Diversion No.: 001 - 010
Changes In and About a Stream: 0008416, 0008416	

General, Authorizations and Conditions

Authorizations

Land Act

1. The BC Energy Regulator, pursuant to section 39 of the *Land Act* hereby authorizes the occupation and use of Crown land to construct, operate, and maintain the related activity(s) defined in the *Energy Resource Activities Act* (ERAA) as detailed in the Activities Approved table above, subject to the conditions herein,.
2. The authorizations granted under this permit are limited to the area identified in the spatial data submitted to the BC Energy Regulator in the permit application as identified and dated above; herein after referred to as the 'activity area'.
 - a. A licence authorized under section 39 of the *Land Act* for the Crown land portion of this application will follow. The permit holder is subject to the conditions contained in the Licence.
 - b. The authorization to occupy and use Crown land under the Licence expires two years from the date of issuance, unless the BC Energy Regulator has received notice of construction start, or this permit is otherwise extended, suspended, cancelled, surrendered or declared spent.
 - c. The authorization to occupy and use Crown land does not entitle the permit holder to exclusive possession of the activity area.
 - d. The total disturbance within the activity area must not exceed the total approved disturbance footprint as referenced above.

Authorizations

Forest Act

3. The BC Energy Regulator, pursuant to section 47.4 of the *Forest Act*, hereby authorizes the removal of Crown timber from the activity area under the cutting permits associated with the Master Licence(s) as follows:

Master Licence to Cut No.: M02614
Cutting Permit No.: 39
Timber Mark No.: MTD907
Total New Cut: 0.03
Forest District: (DPG) Prince George Natural Resource District
Region: Interior
4. The term of the cutting permits is four years. The cutting permits are deemed spent upon submission of the post-construction plan or the cancellation or expiry of activities authorized under the permit.

Water Sustainability Act

5. The BC Energy Regulator, 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.
6. The BC Energy Regulator, pursuant to section 11 of the Water Sustainability Act, authorizes the Changes In and About a stream, as detailed in the Activities Approved table above, within the activity area for construction and maintenance activities, unless otherwise restricted by this authorization:
 - a. Instream works must be carried out in accordance with the methods and any mitigations, as specified in the application.

Conditions

Notification

7. A notice of construction start must be submitted, as per the relevant BC Energy Regulator process at the time of submission, at least 48 hours prior to the commencement of activities under this permit.
8. Within 60 days of the completion of construction activities under this permit, the permit holder must submit to the BC Energy Regulator a post-construction plan as a shapefile and PDF plan accurately identifying the location of the total area actually disturbed under this permit. The shapefile and plan must be submitted via eSubmission.

General

9. Construction activities must not result in rutting, compaction or erosion of soils that cannot be reasonably rehabilitated to similar levels of soil productivity that existed on the activity area prior to the construction activities taking place.
10. Any temporary access must be constructed and maintained in a manner that provides for proper surface drainage, prevents pooling on the surface, and maintains slope integrity.
11. The permit holder must make reasonable efforts to prevent establishment of invasive plants on the activity area resulting from the carrying out of activities authorized under this permit.
12. Following completion of construction associated with the associated activities set out in the authorized Activities table above, the permit holder must, as soon as practicable
 - a. decompact any soils compacted by the activity;
 - b. if natural surface drainage pattern was altered by the carrying out of the activity, the permit holder must restore, to the extent practicable, to the drainage pattern and its condition before the alteration;
 - c. re-vegetate any exposed soil on the activity area including, where necessary, using seed or vegetative propagules of an ecologically suitable species that:
 - i. promote the restoration of the wildlife habitat that existed on the area before the energy resource activity was begun, and

- ii. stabilize the soil if it is highly susceptible to erosion.
 - d. any retrievable surface soils removed from the activity area must be redistributed so that the soil structure is restored, to the extent practicable, to its condition before the activity was begun.
13. The permission to occupy and use Crown land excludes the area within *Land Act* Section 17 map reserve 440314 unless a letter of compatible use has been received, or the reserve has been amended to accommodate the authorized activity.
14. The permit holder must implement appropriate measures to minimize the obstruction of wildlife movement across the activity area during construction and operations.

Clearing/Forest Act

15. 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.
16. Stumpage will be calculated in accordance with the Interior Appraisal Manual as amended from time to time. In the current version of the Interior Appraisal Manual, stumpage will be determined in accordance with Table 6-8.

Water Course Crossings and Works

17. Stream, lake and wetland crossings must be constructed in accordance with the methods and any mitigations, as specified in the application.
18. Construction or maintenance activities within a fish bearing stream or wetland must occur:
- a. during the applicable reduced risk work windows as specified in the Omineca Region - Reduced Risk Window;
 - b. in accordance with alternative timing and associated mitigation recommended in a plan prepared by a qualified professional and accepted by the BC Energy Regulator; or
 - c. in accordance with an authorization or letter of advice from Fisheries and Oceans Canada that is provided to the BC Energy Regulator;
- If activities are to occur in accordance with b or c above, the documentation must be submitted to the BC Energy Regulator at postpermitrequests@bc-er.ca prior to commencement of activities.
19. At any time, the BC Energy Regulator may suspend instream works authorized under this permit. Suspensions on instream works will remain in place until such time as the BC Energy Regulator notifies permit holders that works may resume. Reasons for suspension of works may include, but are not limited to, drought conditions and increased environmental or public safety risks.
20. Equipment used for activities under this Permit must not be situated in a stream channel unless it is dry or frozen to the bottom at the time of the activity.

Archaeology

21. If an artifact, feature, material or thing protected under the *Heritage Conservation Act* is identified within the activity area, the permit holder must, unless the permit holder holds a permit under Section 12.4 of the *Heritage Conservation Act* issued by the BC Energy Regulator in respect of that artifact, feature, material or thing:
- a. Immediately cease all work in the vicinity of the artifacts, features, materials or things;
 - b. Immediately notify the BC Energy Regulator; and
 - c. Resume work in the vicinity of the artifacts, features, materials or things in accordance with direction from the BC Energy Regulator.

Activity Specific Details, Permissions and Conditions

Associated Activities

Activity Details

AACT Number: 00239227	AACT Type: Access
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All authorizations for this activity are subject to the following conditions:

Associated Activity Conditions

22. Topsoil stripping, ditching and road bed construction are not permitted within the temporary access trails.

Short Term Water Use

Short Term Water Use Number - 0006602

Approval Period: From: September 5, 2024, To: September 4, 2026

Activity Details

Point of Diversion No.: 001	Water Source Name: Anzac Lake (POD38A)
Type: Lake/Pond Purpose: Oil and Gas & Storage Location (UTM): Zone 10, Northing 6104838, Easting 556248 Maximum Withdrawal Rate (m3/s): 0.014 Daily Withdrawal Volume (m3/day): 600 Total Withdrawal Volume (m3): 6,001	
Point of Diversion No.: 002	Water Source Name: Unnamed Tributary to Anzac River (POD1B)
Type: Stream/River Purpose: Oil and Gas & Storage Location (UTM): Zone 10, Northing 6103839, Easting 555971 Maximum Withdrawal Rate (m3/s): 0.014 Daily Withdrawal Volume (m3/day): 300 Total Withdrawal Volume (m3): 3,001	
Point of Diversion No.: 003	Water Source Name: Unnamed Tributary to Anzac River (POD2B)
Type: Stream/River Purpose: Oil and Gas & Storage Location (UTM): Zone 10, Northing 6103531, Easting 555726 Maximum Withdrawal Rate (m3/s): 0.014 Daily Withdrawal Volume (m3/day): 200 Total Withdrawal Volume (m3): 3,001	
Point of Diversion No.: 004	Water Source Name: Unnamed Tributary to Anzac River (POD3B)
Type: Stream/River Purpose: Oil and Gas & Storage Location (UTM): Zone 10, Northing 6102663, Easting 555271 Maximum Withdrawal Rate (m3/s): 0.014 Daily Withdrawal Volume (m3/day): 300 Total Withdrawal Volume (m3): 3,001	
Point of Diversion No.: 005	Water Source Name: Unnamed Tributary to Anzac River (POD4B)
Type: Stream/River Purpose: Oil and Gas & Storage Location (UTM): Zone 10, Northing 6097294, Easting 554035 Maximum Withdrawal Rate (m3/s): 0.014 Daily Withdrawal Volume (m3/day): 300 Total Withdrawal Volume (m3): 3,001	

Point of Diversion No.: 006	Water Source Name: Anzac River (POD5B)
Type: Stream/River Purpose: Oil and Gas & Storage Location (UTM): Zone 10, Northing 6093030, Easting 552718 Maximum Withdrawal Rate (m3/s): 0.014 Daily Withdrawal Volume (m3/day): 300 Total Withdrawal Volume (m3): 20,001	
Point of Diversion No.: 007	Water Source Name: Unnamed Tributary to Anzac River (POD6B)
Type: Stream/River Purpose: Oil and Gas & Storage Location (UTM): Zone 10, Northing 6090831, Easting 552343 Maximum Withdrawal Rate (m3/s): 0.014 Daily Withdrawal Volume (m3/day): 300 Total Withdrawal Volume (m3): 3,001	
Point of Diversion No.: 008	Water Source Name: Unnamed Tributary to Anzac River (POD7B)
Type: Stream/River Purpose: Oil and Gas & Storage Location (UTM): Zone 10, Northing 6087055, Easting 551421 Maximum Withdrawal Rate (m3/s): 0.014 Daily Withdrawal Volume (m3/day): 300 Total Withdrawal Volume (m3): 3,001	
Point of Diversion No.: 009	Water Source Name: Unnamed Tributary (Anzac River) (POD12-B)
Type: Stream/River Purpose: Oil and Gas & Storage Location (UTM): Zone 10, Northing 6076437, Easting 537287 Maximum Withdrawal Rate (m3/s): 0.014 Daily Withdrawal Volume (m3/day): 300 Total Withdrawal Volume (m3): 10,001	
Point of Diversion No.: 010	Water Source Name: Crocker Creek (POD3-4B)
Type: Stream/River Purpose: Oil and Gas & Storage Location (UTM): Zone 10, Northing 6084539, Easting 548756 Maximum Withdrawal Rate (m3/s): 0.014 Daily Withdrawal Volume (m3/day): 500 Total Withdrawal Volume (m3): 15,001	

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

Short Term Water Use Conditions

23. A copy of this authorization must be available for inspection at the point of diversion and use location(s).
24. Water withdrawn under this authorization must only be used for the purposes of carrying out the energy resource activities or related activities.
25. Water must not be diverted or withdrawn from any beaver pond.
26. Water withdrawal must not occur where:
 - a. stream (wetted) depth is less than 0.30 metres (12 inches) at the withdrawal location; or
 - b. the diversion will cause the stream (wetted) depth to fall below 0.30 metres (12 inches) at the withdrawal location.
27. End-of-pipe intakes must be screened with maximum mesh sizes in accordance with the Fisheries and Oceans Canada 'Interim Code of Practice: End-of-pipe fish protection screens for small water intakes in freshwater'.
28. 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 BC Energy Regulator on a quarterly basis via eSubmission. Quarterly reports are due on or before April 25, July 25, October 25 and January 25.

29. At any time, the BC Energy Regulator may suspend short term water use previously authorized. Water use suspensions will remain in place until such time as the BC Energy Regulator notifies permit holders that water withdrawals may resume.
30. 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.
31. 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.
32. Water withdrawals from POD #4, #5, #6 and #8 are not authorized during the month of February
33. Water withdrawal from POD #2 is not authorized during the months of January, February, March, April, November and December.
34. Water withdrawal from POD #3 is not authorized during the months of January, February, March, April, September, October, November and December
35. Water withdrawal from POD #7 is not authorized during the months of January, February, March, November and December

Advisory Guidance

1. Construction Plan - CGW4703-MCSL-G-MP-2758-POD_SAE-38-Sketch-Rev0.pdf, Diversion Map - 230926_WP2_S10_ReApply.pdf, CIAS Sketch Plan - CGW4703-MCSL-G-MP-2758-POD_SAE-38-Sketch-Rev0.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. Instructions for submitting notice of construction start, as required by regulation, can be found in the Oil and Gas Activity Operations Manual on the BC Energy Regulator's website.
3. 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 Energy Resource Activities Act.
4. Appropriate tenure may be issued upon acceptance of the post-construction plan. Submission of the original application and submission of the post-construction plan is considered an application for all subsequent applicable Land Act tenures. Upon the BC Energy Regulator's acceptance of the post-construction plan no further applications for replacement tenure are required.
5. Temporary access is intended to be short term access to facilitate construction of an energy resource activity. It is not intended for sustained use and is not constructed to energy resource road standards.

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



Corey Scofield
Authorized Signatory
BC Energy Regulator Delegated Decision Maker

Copied to:

First Nations – Blueberry River First Nations (Area B), McLeod Lake Indian Band, Saulteau First Nations, West Moberly First Nations
Ministry of Forests District Office - (DPG) Prince George Natural Resource District