



OGC File: 9638320

August 14, 2013

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

Attention: Surface Land Administrator

Re: Approval for Short Term Use of Water

This approves you, under Section 8 of the *Water Act* to divert and use water as follows:

1. The approved water withdrawal point is Muskeg River at:
UTM location N.6029664, E.490316.
2. The approved use of water is restricted to the oil and gas activities of the Operator.
3. The maximum quantity of water that may be diverted is 10m³/day, at a rate not to exceed 14l/s (0.5 cfs).
4. The maximum quantity of water that may be diverted during the duration of the authorization is 360m³.
5. On any stream, no diversion is permitted where stream discharge is less than 55 l/s, or where the diversion will cause the stream discharge to fall below 55 l/s. No diversion is permitted where stream (wetted) depth is less than 0.30 metres (12 inches) at the withdrawal location, or where the diversion will cause the stream (wetted) depth to fall below 0.30 metres (12 inches) at the withdrawal location.
6. On any lake, water withdrawal must cease if drawdown exceeds 0.10 metres (relative to the water level documented at the commencement of withdrawal activities). 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.
7. No water will be diverted or removed from any beaver pond.
8. Approval has been granted to use the water from August 14, 2013 to August 13, 2014.
9. This approval does not authorize any instream work.
10. A copy of this approval must be available for inspection at the tank truck and wellsite location(s).
11. End-of-pipe intakes must contain a screen with a mesh size that does not exceed one tenth of an inch.

12. The holder of this approval must maintain accurate records of all water withdrawal activities throughout the term of this permit. A digital spreadsheet has been sent to the applicant's email provided on the application. Water withdrawal records for each diversion point, including "0" values for months where no water was withdrawn, must be recorded monthly on the digital spreadsheet provided. The spreadsheet must be submitted to the Oil and Gas Commission on a quarterly basis to OGCWater.VolumieData@bcogc.ca. Quarterly reports are due on or before April 25th, July 25th, October 25th, and January 25th. Do not modify the digital spreadsheet as it is designed to be interpreted by Commission software. If a cell/field in the spreadsheet is not relevant to the permitted activity, leave it blank.
13. In times of drought, the Commission may suspend short term water use previously authorized when there is risk to other resources that may result from the withdrawal of water. Water use suspensions may remain in place until such time as the Commission is satisfied that there is sufficient water in the applicable water body or water course to permit the short term use of the amount specified in the approval.

The attached plan(s) form an integral part of this authorization.



Amanda Fraser
Natural Resource Officer

cc: Coastal GasLink Pipeline Ltd
cc: OGC File: 9638320
cc: FN Community (ies): Lheidli T'enneh Band, Naz'azdli Band.

Application for Short Term Use of Water - Supplemental Table

Proponent: Coastal GasLink Pipeline Ltd.

OGC File #

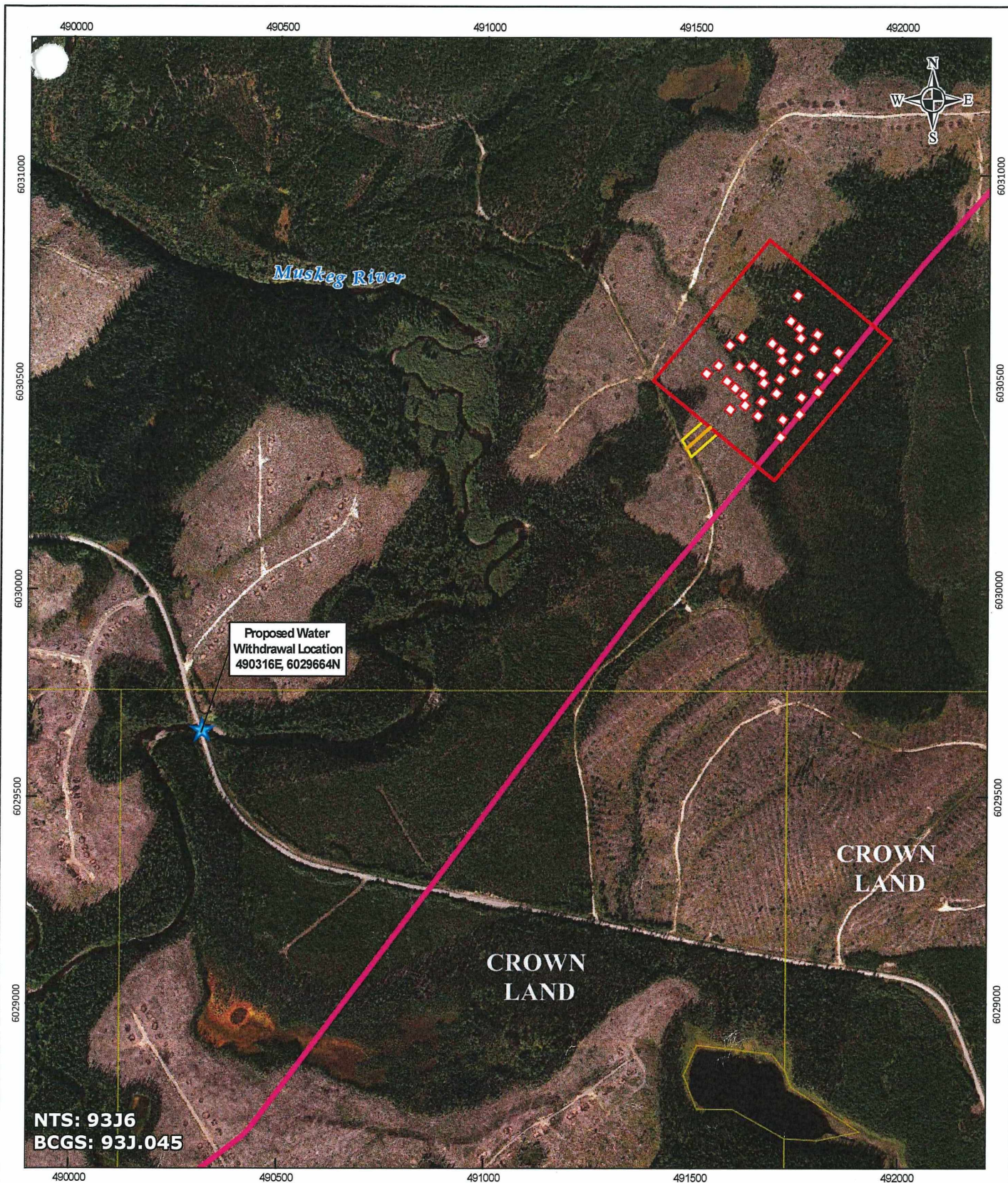
9638320

this section applies to <i>all applications</i>								this section applies only to <i>rivers / streams</i>					this section applies only to <i>lakes</i>		
POD#	UTM Zone	Northing	Easting	Source Type	Source Name	proposed volume/day (m3)	proposed total volume (m3)	Wetted Stream Width (metres)	Stream Depth (metres)	Velocity (m/s)	Date Measurements Were Taken DAY MONTH YEAR			Surface Area in Hectares	If Surface Area is less than 5 hectares, provide average depth
1	10	6029664	490316	Stream/River	Muskeg River	10	360	17.5	0.5	0.3					
2															
3		Muskeg River discharge estimates are based upon historical Water Survey of Canada (WSC) data collected between 1975 and 1998, roughly 29 kilometers upstream of the proposed withdrawal site (WSC station 08KC003).													
4		Based on this data, the minimum mean monthly discharge is approximately 1.2 m3/sec (4172 m3/hr). A withdrawal of 10m ³ over a one hour period at the minimum mean monthly discharge represents 0.24% of the total discharge of the Muskeg River.													
5		*Sections applying to lakes, water source dugouts or water storage sites have been omitted as they are not applicable to the geotechnical investigation proposed													
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RECEIVED

JUN 12 2013

OIL AND GAS COMMISSION
FORT ST. JOHN, B.C.



NTS: 93J6
BCGS: 93J.045

<p>★ Water Withdrawal Location</p> <p>□ Proposed 10 m x 10 m Borehole Pad</p> <p>— Coastal GasLink Study Corridor Centerline</p>	<p>5.0 m Access</p> <p>20.0 m Access Buffer</p> <p>Compressor Station Boundary/Investigative Area</p> <p>Lot Boundary</p>	<p>OGC File Number:</p> <p>NTS: 93J6</p> <p>BCGS: 93J.045</p> <p>Coastal GasLink Pipeline Project</p> <p>TransCanada in business to deliver</p> <p>COASTAL GASLINK PIPELINE LTD.</p> <p>Proposed Water Withdrawal Location (Muskeg River)</p> <p>1940 PSI Compressor Facility KP 249</p> <p>Water Act, Section 8</p>
<p>Proposed Water Withdrawal Location:</p> <p>490316E, 6029664N 10U</p>	<p>UTM Zone 10</p> <p>Imagery, Water Withdrawal Location, Borehole, Centerline, Access, Access Buffer, Investigative Area: Coastal GasLink Pipeline Ltd. 2013</p> <p>Lot Boundary: BCWeb Map Service 2013.</p> <p>Although there is no reason to believe that there are any errors associated with the data used to generate this product or in the product itself, users of these data are advised that errors in the data may be present.</p>	<p>Scale: 1:12,500</p> <p>0 50 100 150 200 m</p> <p>(All Locations Approximate)</p> <p>May 2013</p> <p>Revision A</p>