

February 14, 2020

LNG Canada Development Inc.
400 - 4th Avenue SW
Calgary, AB T2P 0J4

Attention: LNG Canada Development Inc.

RE: Amendment to Application Determination Number 100106161

Permit Holder: LNG Canada Development Inc.
Amendment Date of Issuance: February 14, 2020
Amendment Effective Date: February 14, 2020
Application Submission Date: December 17, 2019
Amendment Application Number: 100109867
Approved Disturbance Footprint: 0.0 ha

AMENDMENT DETAILS

Short Term Water Use No.: 0005080	Change storage location.
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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

Notification

2. The permit holder must notify 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 at least five (5) working days prior to project commencement.

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 - 0005080

Approval Period – From: October 16, 2018 **To:** October 15, 2020

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 5988690, Easting 520544 Daily Withdrawal Volume (m³/day): 720 Total Withdrawal Volume (m³): 525600	

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 Water withdrawn under this authorization must only be used for the purposes of carrying out the oil and gas activities or related activities.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. 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'.
10. 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.
11. 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.

ADVISORY GUIDANCE

1. Diversion Map - LNGC_RAW_WATER_AMEND_R0.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.



Lori Phillips
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

First Nations – Haisla Nation Council



October 16, 2018

LNG Canada Development Inc.
400 - 4th Avenue SW
Calgary, AB T2P 0J4

Attention: LNG Canada Development Inc.

RE: Determination of Application Area Number 100106161

Permit Holder: LNG Canada Development Inc.

Date of Issuance: October 16, 2018

Effective Date: October 16, 2018

Application Submitted Date: August 16, 2018

Application Determination Number: 100106161

Approved Disturbance Footprint: 0.0 ha

ACTIVITIES APPROVED

Short Term Water Use No.: 0005080	Point of Diversion No.: 1
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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. The Permit Holder must notify First Nations who may have Aboriginal Interests identified, as per the BC First Nations Consultative Areas Database, a minimum of five (5) working days prior to commencement of construction.

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 - 0005080

Approval Period – From: October 16, 2018, **To:** October 15, 2020

ACTIVITY DETAILS

Point of Diversion No.: 1	Water Source Name: Kitimat River KR
Type: Stream/River Purpose: Oil and Gas Purpose Location (UTM): Zone 9, Northing 5988690, Easting 520544 Daily Withdrawal Volume (m³/day): 720 Total Withdrawal Volume (m³): 525,600	
Authorized Storage	Water Source Dugout DL6004 R5C

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

Short Term Water Use Conditions

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 of the Permit Holder.
7. Water must not be diverted or withdrawn from any beaver pond.
8. Water withdrawal from 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.
9. 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".
10. 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.
11. 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.

ADVISORY GUIDANCE

1. Diversion Maps 123110458 024_Fig intakes_on_kitimat_river.pdf & LNGC_Construction_Water_Demand.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.

Permit Holder: LNG Canada Development Inc.

Application Determination number: 100106161

Application Submission Date: August 16, 2018

Date Issued: October 16, 2018



Corey Scofield
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

First Nations – Haisla Nation Council