

June 30, 2021

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

Attention: LNG Canada Development Inc.

RE: Amendment to Application Determination Number 100100705

Permit Holder: LNG Canada Development Inc.
Amendment Date of Issuance: June 30, 2021
Amendment Effective Date: June 30, 2021
Application Submission Date: June 21, 2021
Amendment Application Number: 100113781

AMENDMENT DETAILS

Changes In and About a Stream: 0003494
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GENERAL AUTHORIZATIONS AND CONDITIONS

Water Sustainability Act

1. The BC Oil and Gas Commission (the "Commission"), under section 26(1) of the *Water Sustainability Act*, hereby grants an amendment to the above referenced Application Determination Number permit, as detailed in the Amendment Details table, above, subject to the original permit, any subsequent amendments and any additional or revised conditions as set out herein.
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. A notice of construction start must be submitted, as per the relevant Commission process at the time of submission, at least 48 hours prior to the commencement of activities under this permit.
4. The Permit Holder must notify the First Nation(s) copied on this permit/authorization at least 5 (five) working days prior to project commencement.

Clearing

5. 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.

Water Course Crossings and Works

6. Stream, lake and wetland crossings must be constructed in accordance with the methods and any mitigations, as specified in the application.
7. 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 {Reduced Risk Work Windows};
 - b. in accordance with alternative timing and associated mitigation recommended by a qualified professional and accepted by the Commission; or
 - c. in accordance with an authorization or letter of advice from Fisheries and Oceans Canada that is provided to the Commission;

If activities are to occur in accordance with b or c above, the documentation must be submitted to the Commission prior to commencement of activities.

8. At any time, the Commission may suspend instream works authorized under this permit. Suspensions on instream works will remain in place until such time as the Commission 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.
9. 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.

ADVISORY GUIDANCE

1. CIAS Sketch Plan - LNGC_100113781_SP_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. Instructions for submitting notice of construction start, as required by regulation, can be found in the Oil and Gas Activity Operations Manual on the Commission'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 *Oil and Gas Activities Act*.

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

Copied to:

First Nations – Haisla Nation Council

July 16, 2020

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

Attention: LNG Canada Development Inc.

RE: Amendment to Application Determination Number 100100705

Permit Holder: LNG Canada Development Inc.
Amendment Date of Issuance: July 16, 2020
Amendment Effective Date: July 16, 2020
Application Submission Date: May 13, 2020
Amendment Application Number: 100110988

AMENDMENT DETAILS

Changes In and About a Stream: 0003494
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GENERAL AUTHORIZATIONS AND CONDITIONS

Water Sustainability Act

1. The BC Oil and Gas Commission (the "Commission"), under section 26(1) of the *Water Sustainability Act*, hereby grants an amendment to the above referenced Application Determination Number permit, as detailed in the Amendment Details table, above, subject to the original permit, any subsequent amendments and any additional or revised conditions as set out herein.
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 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 5 (five) working days prior to project commencement.

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.

Water Course Crossings and Works

5. Stream, lake and wetland crossings must be constructed in accordance with the methods and any mitigations, as specified in the application.
6. In-stream activities within a fish bearing stream, lake or wetland must occur:
 - a. during the applicable reduced risk work windows as specified in the Skeena Region - Reduced Risk Work Windows;
 - b. in accordance with alternative timing and associated mitigation recommended by a Qualified Professional and accepted by the Commission; or
 - c. in accordance with an authorization or letter of advice from Fisheries and Oceans Canada that is provided to the Commission.
7. At any time, the Commission may suspend instream works authorized under this permit. Suspensions on instream works will remain in place until such time as the Commission 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.
8. 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.

ADVISORY GUIDANCE

1. 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



December 11, 2017

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

Attention: LNG Canada Development Inc.

Re: Correction of an Amendment to Application Determination Number 100100705

Permit Holder: LNG Canada Development Inc.
Date of Amendment Issuance: December 8, 2017
Date of Correction: December 11, 2017
Application Determination Number: 100100705
Amendment Application Number : 100104273

The BC Oil and Gas Commission hereby corrects the amendment to a permit identified and dated above as follows:

- Under Amendment details :Changes in and about a stream in Anderson Creek within the footprint of the LNG facility permit 9709124.
Should read as:
- Changes in and about a stream in Beaver Creek.

The Permit Holder must comply with any permissions, authorizations, approvals and conditions set out in the original permit, any subsequent amendments to the permit and any additional corrections as set out herein.

This letter forms an integral part of your permit and should be attached thereto.

A handwritten signature in cursive script that reads "Christine Latos".

Christine Latos
Authorized Signatory
Commission Delegated Decision Maker

Copied to:
First Nations – Haisla Nation Council



December 8, 2017

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

Attention: LNG Canada Development Inc.

RE: Amendment to Application Determination Number 100100705

Permit Holder: LNG Canada Development Inc.
Amendment Date of Issuance: December 8, 2017
Amendment Effective Date: December 8, 2017
Application Submission Date: November 1, 2017
Amendment Application Number: 100104273
Approved Disturbance Footprint: 0.0 ha

AMENDMENT DETAILS

Changes In and About a Stream: 0003494	Changes in and about a stream in Anderson Creek within the footprint of the LNG facility permit 9709124.
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GENERAL AUTHORIZATIONS and CONDITIONS

AUTHORIZATIONS

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

Water Sustainability Act

2. The Commission, pursuant to section 11 of the *Water Sustainability Act*, approves the changes in and about a stream, as detailed in the Amendment Details table above within the activity area for construction and maintenance activities, unless otherwise restricted by this approval. Instream works must be carried out in accordance with the methods and any mitigations, as specified in the application.

CONDITIONS

Notification

3. A notice of construction start must be submitted, as per the relevant Commission process at the time of submission, at least 48 hours prior to the commencement of activities under this permit.
4. Within 60 days of the completion of construction activities under this permit, the Permit Holder must submit to the Commission 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.
5. Permit Holder must notify Haisla First Nation a minimum of five (5) days prior to commencement of construction activities.

Clearing

6. 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.

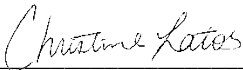
Environmental

7. Any substance, sediment, debris or material that could adversely impact the stream
 - (1) must not be allowed or permitted to enter or leach or seep into the stream from an activity, construction, worksite, machinery or from components used in the construction of any works, or
 - (2) must not be placed, used or stored within the stream channel;

ADVISORY GUIDANCE

1. Sketch Plan 100100705_Amendment_sketchplan.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.

This amendment forms an integral part of your permit(s) and should be attached thereto.



Christine Latos
Authorized Signatory
Commission Delegated Decision Maker

Copied to:

First Nations – Haisla Nation Council
Landowners/Rights Holders
OGC Compliance and Enforcement

Commission Number: AD#100100705

September 21, 2016

LNG Canada Development Inc.
400 – 4th Avenue SW
Calgary, Alberta
T2P 0J4

Attention: Surface Land Administrator

Re: Correction of Changes in and About a Stream Permit

The Oil and Gas Commission hereby corrects the Permit and Authorizations Associated with the Permit, as shown on construction plan, 04-057-001_REVA, revision A, dated August 31, 2016, as follows:

To correct the permit's numbering to read as follows:

6. Activities within a fish bearing stream or wetland must occur:
 - a. during the applicable reduced risk work windows as specified in the Skeena Region Reduced Risk In-stream Work Windows and Measures, May 2005, as amended from time to time;
 - b. in accordance with alternative timing and associated mitigation recommended by a qualified professional and accepted by the Commission; or
 - c. in accordance with an authorization or letter of advice from Fisheries and Oceans Canada that is provided to the Commission. The permit holder must ensure that riparian management areas are maintained.
7. The permit holder must ensure that riparian management areas are maintained.
8. Equipment used while conducting works must be situated in a dry stream channel or operated from the top of the bank.
9. The Permit holder must have written consent of the landowner prior to commencement of operations on Private Land.
10. The permit holder must notify the Haisla Nation a minimum of five (5) days prior to project commencement

The permit holder must comply with all conditions in the original permission and any additional conditions as noted above.

This letter forms an integral part of your Permit and should be attached thereto.

A handwritten signature in black ink that reads "Ashley Istead". The signature is written in a cursive style with a large, sweeping initial "A" and a long, horizontal flourish that extends across the word "Istead".

Ashley Istead
Natural Resources Officer

cc: Worley Parson
Commission Number AD# 100100705
FN Community(ies) Haisla Nation

Commission Number: AD# 100100705

September 19, 2016

LNG Canada Development Inc.
400 – 4th Avenue SW
Calgary, Alberta T2P 0J4

Attention: Surface Land Administrator

Re: Authorization for Changes in and About a Stream

AUTHORIZATION

1. The Oil and Gas Commission (Commission), under section 11 of the *Water Sustainability Act*, hereby authorizes LNG Canada Development Inc. (the “permit holder”) to make changes in and about a stream for the purposes of carrying out oil and gas or related activities, as defined in the *Oil and Gas Activities Act*, identified in plan number 04-057-001_REVA, revision A, dated August 31, 2016(the “construction plan”), submitted to the Commission dated September 2, 2016 (hereinafter referenced together as the “operating area”), subject to the conditions set out below.

CONDITIONS

2. A notice of construction start must be submitted to the Commission a minimum of 48 hours prior to the commencement of activities under this permit. Notification must be sent via OGC.ExternalNotifications@bcogc.ca.
 3. Within 60 days of the completion of construction activities under this permit, the permit holder must submit to the Commission 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.
 4. Any substance, sediment, debris or material that could adversely impact the stream
 - (1) must not be allowed or permitted to enter or leach or seep into the stream from an activity, construction, worksite, machinery or from components used in the construction of any works, or
 - (2) must not be placed, used or stored within the stream channel;
 5. The permit holder is to ensure a qualified professional is on site during the operations. This individual must have the authority to issue a stop work order if fish and fish habitat is determined to be at risk, and will be responsible for developing/implementing mitigation measures to reduce the impacts on the fish and fish habitat, as required.
3. Activities within a fish bearing stream or wetland must occur:
- a. during the applicable reduced risk work windows as specified in the Skeena Region Reduced Risk In-stream Work Windows and Measures, May 2005, as amended from time to time;

- b. in accordance with alternative timing and associated mitigation recommended by a qualified professional and accepted by the Commission; or
 - c. in accordance with an authorization or letter of advice from Fisheries and Oceans Canada that is provided to the Commission.
6. The permit holder must ensure that riparian management areas are maintained.
 7. Equipment used while conducting works must be situated in a dry stream channel or operated from the top of the bank.
 8. The Permit holder must have written consent of the landowner prior to commencement of operations on Private Land.
 9. The permit holder must notify the Haisla Nation a minimum of five (5) days prior to project commencement.

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

A handwritten signature in black ink that reads "Ashley Istead". The signature is written in a cursive, flowing style with a large initial 'A'.

Ashley Istead
Natural Resource Officer

pc: WorleyParsons
Commission Number: AD#100100705
FN Community(ies) Haisla Nation