November 24, 2026

Prince Rupert Gas Transmission Ltd.
1600, 925 West Georgia Street
VANCOUVER, BC. V6C 3L2

Attention: Prince Rupert Gas Transmission Ltd.

RE: Permit Extension for Application Determination Number 100082373, BCER Legacy# 9708459

Permit Holder: Prince Rupert Gas Transmission Ltd.
Permit Date of Issuance: June 12, 2015
Extension Date of Issuance: November 24, 2026
Extended Expiration Date: November 25, 2027
Application Determination Number: 100082373
Extension Application Number: 100123836
Pipeline Project No.: 000023588
Ancillary Description: Workspace & Deck Site

General Permissions and Conditions

Permissions

Energy Resource Activities Act

1. The BC Energy Regulator, under section 32(5) of the Energy Resource Activities Act, hereby extends the permit and any associated authorizations to construct, maintain and operate a pipeline.
2. This permit extension is subject to the original permit, authorizations, subsequent amendments and any additional conditions as set out herein .
3. The prescribed period of this permit has been extended for one year and will expire on November 25, 2027, if the permit holder has not begun the activity by this date.

Conditions

4. At least 6 months prior to construction start, the permit holder must provide the Regulator (postpermitrequests@bc-er.ca) with notice for the purpose of receiving the following:
    a. An assessment of cumulative effects of the project, and
    b. A description all of mitigations and offsets required during and post construction to address cumulative effects and to avoid, minimize and restore impacts to the current use of land and resources for traditional purposes by an impacted First Nation.
5. The Permit Holder must not start construction activities until it has received the assessment of cumulative effects of the project and description of mitigations and offsets referenced in (4) above.
6. The Permit Holder must not commence construction until it has submitted to the Regulator (postpermitrequests@bc-er.ca) a confirmation, by a corporate officer, that a downstream LNG facility has

contracted Prince Rupert Gas Transmission as its primary supplier and that a positive final investment decision has been made on that LNG facility.

The Regulator replaces condition #6 of the permit with the following:

7. Prior to commencement of construction activities on any portion of the pipeline right of way or workspace, the Permit Holder must engage with an impacted First Nation and consider any relevant information made available by a First Nation, and conduct an investigation of the potential effects of the operation of the pipeline on the current use of land and resources for traditional purposes by the impacted First Nation. Relevant information may include but not be limited to updated wildlife studies, culturally modified trees, cache pits, house pits, grave sites, pictograph sites, smoke houses, cabins, artifacts, and areas traditionally used for camping, hunting, fishing and berry picking located within the pipeline right of way or workspace.
8. The Permit holder must submit the Regulator (postpermitrequests@bc-er.ca) and send copies to impacted First Nations, at least six months prior to commencing construction activities on any portion of the pipeline right of way or work space, a report describing the site-specific mitigation plans. The report must include, but not be limited to:
    a. a summary of the engagement with impacted First Nations and relevant information considered by the Permit Holder, including First Nations specific studies or surveys, that inform the site-specific mitigation plans;
    b. a description of how the Permit Holder considered and addressed any information received by First Nations in development of the site-specific mitigation plans;
    c. a description of any outstanding concerns raised by First Nations regarding the potential effects of the activities on the current use of land and resources for traditional purposes, including a description of how these concerns have or will be addressed by the Permit Holder; and
    d. a summary of any outstanding investigations or follow-up activities that will not be completed prior to commencing construction, including an estimated completion date, if applicable.

    The Permit Holder may not start construction activities on any portion of the pipeline right of way of workspace until the Regulator notifies the Permit Holder that it has completed a review of the report.

This extension forms an integral part of the permit and should be attached thereto.

Shannon Weatherill
Authorized Signatory
BC Energy Regulator Delegated Decision Maker

May 6, 2026

Prince Rupert Gas Transmission Ltd.
1600, 925 West Georgia Street
Vancouver, BC V6C 3L2

Attention: Prince Rupert Gas Transmission Ltd.

RE: Determination of Application Number 100082373

Permit Holder: Prince Rupert Gas Transmission Ltd.
Date of Issuance: May 6, 2026
Effective Date: May 6, 2026
Application Submission Date: January 8, 2026
Application Determination Number: 100082373
Amendment Application Number: 100122293

Authorizations and Conditions

Authorizations

Forest Act

1. 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.: M02682
   Cutting Permit No.: 8
   Timber Mark No.: MTE266
   Total New Cut: 3.17
   Forest District: (DMK) Mackenzie Natural Resource District
   Region: Interior

   Master Licence to Cut No.: M02814
   Cutting Permit No.: 6
   Timber Mark No.: MTE267
   Total New Cut: 576.47
   Forest District: (DND) Nadina Natural Resource District
   Region: Interior

   Master Licence to Cut No.: M02684
   Cutting Permit No.: 8
   Timber Mark No.: MTE268
   Total New Cut: 691.04
   Forest District: (DVA) Stuart Nechako Natural Resource District
   Region: Interior

2. 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.

Conditions

Notification

3. 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.
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.
5. The permit holder must notify the Halfway River First Nation Lands Office two (2) working days prior to project commencement. Notification will be sent via email to referral@hrfn.ca.

Clearing/Forest Act

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.
7. The holder of the cutting permit must pay to the government, stumpage and any waste billing determined in accordance with the terms of this authorization.
8. The authorized cutting permit does not grant the permit holder the exclusive right to harvest Crown timber from the activity area. Authority to harvest some or all of the timber may be granted to other persons. The permit holder's right to harvest timber applies to any timber found on the site at the time they undertake harvesting activities.
9. All harvested Crown Timber must be marked with the cutting permit's associated Timber Mark.
10. Stumpage for cutting permits shall be determined in strict accordance with the Coast or Interior Appraisal Manuals, as amended from time to time. Permit holders are required to comply with all provisions set out in these manuals.
11. An agreement with the licence holders of woodlots N2O A SCHEDULE_B and N2M 01 SCHEDULE_B must be finalized prior to commencing clearing with woodlots N2O A SCHEDULE_B and N2M 01 SCHEDULE_B. A copy of the agreements must be provided to the BC Energy Regulator upon request
12. Following the completion of construction, the permit holder must restore any portion of the activity area that is not required for ongoing operations. Site restoration must include:
    a. recontouring and rollback of topsoil, allowing for natural regeneration to occur, to be carried out within one growing season of construction completion,
    b. replanting with ecologically suitable species,
    c. where required to address slope stability and erosion, fast establishing ecologically suitable species can be used until suitable natural regeneration has occurred.
13. Where new clearing intersects an existing seismic line, pipeline right of way, powerline right of way, or road that does not have a line-of-sight barrier such as vegetation, woody debris piles or earthen berms of at least two meters in height across the area of the intersection, the permit holder must establish a suitable line-of-sight barrier at the location of the intersection.The permit holder must flag game trails prior to construction and implement appropriate measures to minimize the obstruction of wildlife movement across the activity area during construction, operations, and reclamation.

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 Energy Resource Activities Act.

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:

Ministry of Forests District Office - (DMK) Mackenzie Natural Resource District
Ministry of Forests District Office - (DND) Nadina Natural Resource District
Ministry of Forests District Office - (DVA) Stuart Nechako Natural Resource District
First Nations – Binche Whut'en First Nation, Halfway River First Nation, Lake Babine Nation, McLeod Lake Indian Band, Nak'azdli Whut'en, Takla Nation (CSTC), Tl'azt'en Nation (CSTC), Tsay Keh Dene First Nation, West Moberly First Nations, Yekooche First Nation

BRITISH COLUMBIA ENERGY REGULATOR

April 9, 2026

Prince Rupert Gas Transmission Ltd.
1600, 925 West Georgia Street
Vancouver, BC V6C 3L2

Attention: Prince Rupert Gast Transmission Ltd.

RE: Regulator Initiated Amendment

Permit Holder: Prince Rupert Gas Transmission Ltd.
Permit Date of Issuance: June 12, 2015
Date of Amendment Issuance: April 9, 2026
Application Determination Number: 100082373

Permissions

Energy Resource Activities Act

1. Pursuant to section 26(1) of the Energy Resource Activities Act, the BC Energy Regulator (the "Regulator) hereby amends the permit and any associated authorizations referenced above, subject to the original permit, any subsequent amendments and any additional or revised conditions as set out herein, as follows:

   Amending condition 63 to updated wording as follows:

   The permit holder must restore any portion of the activity area that is not required for on going activities authorized under this permit, including:

   a. Within two years of construction completion, re-vegetate, using seed or vegetative propagules of an ecologically suitable species or implement other measures, to the satisfaction of the Regulator, that promote the restoration of the wildlife habitat that existed on the area before the oil and gas activity was begun and stabilize the soil if it is highly susceptible to erosion;

   b. Between KM 345 and 364.5, within the Takla caribou herd area, and between KM 254.5 and KM 272.5 within identified moose calving area, implement human, and predator access control through higher density planting of tree species and restoration of disturbed areas with fast-growing species not preferred for browse; and

   c. Take reasonably practicable measures to limit or prevent vehicular access to and along, and to reduce sightlines along the pipeline right of way.

   Adding permit conditions as described below:

2. Works within any fish bearing watercourse within Fisheries Sensitive Watersheds 7-012 and 7-013 must not occur between August 15 and July 15.

   a. Unless an alternative timing and associated mitigation recommended in a plan prepared by a qualified professional is accepted by the BC Energy Regulator;

3. Mechanical stream crossings must be constructed, maintained and deactivated according to the following requirements, as applicable:

   a. To facilitate construction of a crossing, a machine is permitted to ford the stream a maximum of one time in each direction at the crossing location.

b. The permit holder must ensure that permanent bridges are designed and fabricated in compliance with:

   i. the Canadian Standards Association Canadian Bridge Design Code, CAN/CSA-S6; and
   ii. soil property standards, as they apply to bridge piers and abutments; set out in the Canadian Foundation of Engineering Manual.

c. Except with leave of the BC Energy Regulator, the permit holder must ensure that

   i. culverts are designed and fabricated in compliance with the applicable:
      a. Canadian Standards Association CSA G401,Corrugated Steel Pipe Products; or
      b. Canadian Standards Association Standard CSA B1800, Section B182.8, Plastic Non-pressure Pipe Compendium; or
   ii. any pipe installed in lieu of a culvert is of at least equivalent standard and strength as any culvert as specified above.

d. Except with leave of the BC Energy Regulator, the permit holder must ensure that bridges or culverts meet the criteria set out in i., ii. or iii. below:

   i. the bridge or culvert is designed to pass the highest peak flow of the stream that can reasonably be expected within the return periods set out in Column 2 of the table below for the period the permit holder anticipates the structure will remain on site, as set out in Column 1 of the table below:

Anticipated period crossing structure will remain on site	Peak flow period
Bridge or culvert, 3 years or less	10 years
Bridge other than a bridge within a community watershed, more than 3 years but less than 15	50 years
Bridge within a community watershed, more than 3 years	100 years
Bridge, 15 years or more	100 years
Culvert, more than 3 years	100 years

   ii. the bridge, or any component of the bridge:
      a. is designed to pass expected flows during the period the bridge is anticipated to remain on the site;
      b. is constructed, installed and used only in a period of low flow; and
      c. is removed before any period of high flow begins.
   iii. the culvert;
      a. is a temporary installation, and the permit holder does not expect to subsequently install a replacement culvert at that location;
      b. is not installed in a stream, when the stream contains fish;
      c. is sufficient to pass flows that occur during the period the culvert remains on the site;
      d. is installed during a period of low flow; and
      e. is removed before any period of high flow begins.

e. Snow fills must consist of clean snow and may only be located on streams that are dry or frozen to the bottom during the period of construction, maintenance and use. Where periodic thaws are anticipated, the permit holder must ensure measures are in place that allows meltwater to pass through, ensure movement of fish is not impeded, and prevent pooling on the upstream side of the snow fill. Snow fill and any installed culverts must be removed prior to spring snow melt;

f. Ice bridges on fish bearing streams may only be constructed where sufficient water depth and stream flows prevent the bridge structure from coming in contact with the stream bottom;

g. Water applied to construct an ice bridge on a water body must be sourced in accordance with the *Water Sustainability Act* unless

   i. the water body is a stream with a stream channel width of at least 5 meters and is not designated as a sensitive stream under the *Fish Protection Act*, or has a riparian class of W1, W3, or L1;
   ii. the water is sourced from the same water body proximal to the location on which the ice bridge is constructed;
   iii. the water body is not within the boundaries of a public park;

iv. pump intakes must not disturb beds of fish bearing streams, lakes or wetlands except as necessary to ensure safe installation and operation of equipment, and must be screened with maximum mesh sizes and approach velocities in accordance with the Fisheries and Oceans Canada 'Interim code of practice: End-of-pipe fish protection screens for small water intakes in freshwater', and
    a. where the water body is a stream, the flow of water in the stream at the time and location of pumping exceeds 60 litres per second and the instantaneous pumping rate does not exceed 1% of the water flowing in the water body at the time and location the pumping occurs, or
    b. where the water body is a lake or pond, the cumulative volume of water withdrawn does not exceed 10 cm of lake or pond depth, calculated as the product of lake or pond surface area x 10 cm;
v. records of water withdrawal and corresponding streamflow measurements are maintained by the permit holder and provided to the BC Energy Regulator upon request.

h. Bridge or culvert abutments, footings and associated scour protection must be located outside the natural stream channel and must not constrict the channel width.

i. Wetland crossings must be constructed, maintained and removed in accordance with the following:

    i. organic cover within and adjacent to the wetland must be retained;
    ii. minimize erosion or release of sediment within the wetland;
    iii. any padding materials must be placed on the wetland surface only and must not be used for infilling;
    iv. any padding materials must be removed as soon as practicable following construction, considering weather and ground conditions; and
    v. the wetland, including banks and bed, must be restored, to the extent practicable, to the condition that existed before the crossing was initiated.

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

Shannon Weatherill
Director, Authorizations
Authorized Signatory
BC Energy Regulator Delegated Decision Maker

November 21, 2025

Prince Rupert Gas Transmission Ltd.
1600, 925 West Georgia Street
Vancouver, BC V6C 3L2

Attention: Prince Rupert Gas Transmission Ltd.

RE: Permit Extension for Application Determination Number 100082373, BCER Legacy# 9708459

Permit Holder: Prince Rupert Gas Transmission Ltd.
Permit Date of Issuance: June 12, 2015
Extension Date of Issuance: November 21, 2025
Extended Expiration Date: November 25, 2026
Application Determination Number: 100082373
Extension Application Number: 100121347
Pipeline Project No.: 000023588

Permissions

Energy Resource Activities Act

1. The BC Energy Regulator, under section 32(5) of the Energy Resource Activities Act, hereby extends the permit and any associated authorizations to construct, maintain and operate a pipeline.
2. This permit extension is subject to the original permit, authorizations, subsequent amendments and any additional conditions as set out herein .
3. The prescribed period of this permit has been extended for one year and will expire on November 25, 2026 if the permit holder has not begun the activity by this date.

Technical Pipeline Permissions

4. Despite the Technical Specification Details authorized under AD# 100082373, changes made to adjust the outside diameter, adjust the wall thickness, change the pipe grade, change pipeline product in a manner that conforms to the “Allowable Pipeline Product Changes Table”, reduce H2S, reduce maximum operating pressure, change the flow direction, minor modifications to an installation or to split a segment to a pipeline authorized under this permit, do not require an amendment to the permit provided that:
   a. prior notice of the change is provided, in the form and manner the BC Energy Regulator requires;
   b. the change is not made before the 7th day after the notice identified in (a) is submitted or the day the permit holder receives notification from the BC Energy Regulator, whichever occurs first;
   c. the change does not affect direct connections to pipelines and facilities;
   d. there are no changes to approved pressure protection, H2S protection or isolation;
   e. there is no substantive impact to any aspect of the project that was included in the consultation;

f. the design and operation of the pipeline continues to meet all regulatory requirements and the requirement of CSA Z662.

Conditions

5. At least 6 months prior to construction start, the permit holder must provide the Regulator **(postpermitrequests@bc-er.ca)** with notice for the purpose of receiving the following:
   a. An assessment of cumulative effects of the project, and
   b. A description all of mitigations and offsets required during and post construction to address cumulative effects and to avoid, minimize and restore impacts to the current use of land and resources for traditional purposes by an impacted First Nation.

6. The Permit Holder must not start construction activities until it has received the assessment of cumulative effects of the project and description of mitigations and offsets referenced in (5) above.

7. The Permit Holder must not commence construction until it has submitted to the Regulator **(postpermitrequests@bc-er.ca)** a confirmation, by a corporate officer, that a downstream LNG facility has contracted Prince Rupert Gas Transmission as its primary supplier and that a positive final investment decision has been made on that LNG facility.

The Regulator replaces condition #6 of the permit with the following:

8. Prior to commencement of construction activities on any portion of the pipeline right of way or workspace, the Permit Holder must engage with an impacted First Nation and consider any relevant information made available by a First Nation, and conduct an investigation of the potential effects of the operation of the pipeline on the current use of land and resources for traditional purposes by the impacted First Nation. Relevant information may include but not be limited to updated wildlife studies, culturally modified trees, cache pits, house pits, grave sites, pictograph sites, smoke houses, cabins, artifacts, and areas traditionally used for camping, hunting, fishing and berry picking located within the pipeline right of way or workspace.

9. The Permit holder must submit the Regulator (postpermitrequests@bc-er.ca) and send copies to impacted First Nations, at least six months prior to commencing construction activities on any portion of the pipeline right of way or work space, a report describing the site-specific mitigation plans. The report must include, but not be limited to:
   a. a summary of the engagement with impacted First Nations and relevant information considered by the Permit Holder, including First Nations specific studies or surveys, that inform the site-specific mitigation plans;
   b. a description of how the Permit Holder considered and addressed any information received by First Nations in development of the site-specific mitigation plans;
   c. a description of any outstanding concerns raised by First Nations regarding the potential effects of the activities on the current use of land and resources for traditional purposes, including a description of how these concerns have or will be addressed by the Permit Holder; and

d. a summary of any outstanding investigations or follow-up activities that will not be completed prior to commencing construction, including an estimated completion date, if applicable

10. The Permit Holder may not start construction activities on any portion of the pipeline right of way or workspace until the Regulator notifies the Permit Holder that it has completed a review of the report.

This extension forms an integral part of the permit and should be attached thereto.

Shannon Weatherill
Authorized Signatory
BC Energy Regulator Delegated Decision Maker

October 9, 2025

Prince Rupert Gas Transmission Ltd.
1600, 925 West Georgia Street
Vancouver, BC V6C 3L2

Attention: Prince Rupert Gas Transmission Ltd.

RE: Amendment of Application Determination Number 100082373, BCER Legacy# 9708459

Permit holder: Prince Rupert Gas Transmission Ltd.
Amendment Date of Issuance: October 9, 2025
Amendment Effective Date: October 9, 2025
Application Submission Date: July 16, 2025
Amendment Application Number: 100121433
Approved Disturbance Footprint: 0.0 ha

Amendment Details

Pipeline Project No.: 000023588 **Segment No.:** 001-004	Increase maximum operating pressure (MOP) from 9,930 kPa to 13,375 kPa across Section 3 of the PRGT pipeline project

General Permissions, Authorizations and Conditions

Permissions

Energy Resource Activities Act

1. The BC Energy Regulator, under section 31(7) of the *Energy Resource Activities Act*, hereby grants an amendment to the permit issued for the above referenced Application Determination Number, any associated authorizations subject to the original permit, any subsequent amendments and any additional or revised conditions as set out herein, as per the Amendment Details table above and, if required, as detailed in the Technical Specification Details and/or Activity Details table(s) below.
2. The permissions and authorizations granted under this amendment are limited to the area identified in the spatial data submitted to the BC Energy Regulator in the amendment application as identified and dated above; herein after referred to as the 'activity area'.

Conditions

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

Pipelines

Land Area Number: 100026839
Pipeline Project Number: 000023588

Technical Specification Details

Seg No.: 001	**From:** A-018-A/093-N-01 **To:** D-067-H/093-K-14
Flow Direction: Uni-Directional **Product:** Natural Gas - Sweet **Installation Number(s):** 1, 2, 3, 4	**Maximum Operating Pressure (kpa):** 13375 **Max H2S (mol%):** 0.002
Seg No.: 002	**From:** D-067-H/093-K-14 **To:** C-068-G/093-K-14
Flow Direction: Uni-Directional **Product:** Natural Gas - Sweet	**Maximum Operating Pressure (kpa):** 13375 **Max H2S (mol%):** 0.002
Seg No.: 003	**From:** D-067-H/093-K-14 **To:** C-068-G/093-K-14
Flow Direction: Uni-Directional **Product:** Natural Gas - Sweet	**Maximum Operating Pressure (kpa):** 13375 **Max H2S (mol%):** 0.002
Seg No.: 004	**From:** C-068-G/093-K-14 **To:** A-068-D/093-M-08
Flow Direction: Uni-Directional **Product:** Natural Gas - Sweet	**Maximum Operating Pressure (kpa):** 13375 **Max H2S (mol%):** 0.002

Technical Pipeline Permissions

4. Piping & Instrumentation Diagram(s) submitted by Prince Rupert Gas Transmission Ltd.:

   26654-100-R0-0000-00002 Revision 00A, dated February 25, 2025,

   Changes may be made to pigging design, and to above ground valves and piping, provided that:

   a. the changes do not affect direct connections to pipelines and facilities;

   b. there are no changes to approved pressure protection, H2S protection or isolation;

   c. there is no substantive impact to any aspect of the project that was included in the consultation; and

   d. the design and operation of the pipeline continues to meet all regulatory requirements and the requirements of CSA Z662.

5. Despite the Technical Specification Details identified above, changes made to adjust the outside diameter, adjust the wall thickness, change the pipe grade, change pipeline product in a manner that conforms to the “Allowable Pipeline Product Changes Table”, reduce H2S, reduce maximum operating pressure, change the flow direction, minor modifications to an installation or to split a segment to a pipeline authorized under this permit, do not require an amendment to the permit provided that:

   a. prior notice of the change is provided, in the form and manner the BC Energy Regulator requires;

   b. the change is not made before the 7th day after the notice identified in (a) is submitted or the day the permit holder receives notification from the BC Energy Regulator, whichever occurs first;

   c. the change does not affect direct connections to pipelines and facilities;

   d. there are no changes to approved pressure protection, H2S protection or isolation;

   e. there is no substantive impact to any aspect of the project that was included in the consultation;

   f. the design and operation of the pipeline continues to meet all regulatory requirements and the requirement of CSA Z662.

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



Jacqueline Bourke
Authorized Signatory
BC Energy Regulator Delegated Decision Maker

Copied to:

First Nations – McLeod Lake Indian Band, West Moberly First Nations
Work Safe BC

November 22, 2024

Prince Rupert Gas Transmission Ltd.
1600, 925 West Georgia Street
Vancouver, BC V6C 3L2

Attention: Prince Rupert Gas Transmission Ltd.

RE: Permit Extension for Application Determination Number 100082373, BCER Legacy# 9708459

Permit Holder: Prince Rupert Gas Transmission Ltd.
Permit Date of Issuance: June 12, 2015
Extension Date of Issuance: November 22, 2024
Extended Expiration Date: November 25, 2025
Application Determination Number: 100082373
Pipeline Project No.: 000023588

Permissions

Energy Resource Activities Act

1. The BC Energy Regulator, under section 32(5) of the Energy Resource Activities Act, hereby extends the permit and any associated authorizations to construct, maintain and operate a pipeline.
2. This permit extension is subject to the original permit, authorizations, subsequent amendments and any additional conditions as set out herein .
3. The prescribed period of this permit is extended for one year from the extension date or when the Environmental Assessment Certificate (EAC) expires, whichever occurs first.

CONDITIONS

4. At least 6 months prior to construction start, the Permit Holder must provide the BCER (postpermitrequests@bc-er.ca) with notice for the purpose of receiving the following:
    a. An assessment of cumulative effects of the project, and
    b. A description all of mitigations and offsets required during and post construction to address cumulative effects and to avoid, minimize and restore impacts to the current use of land and resources for traditional purposes by an impacted First Nation.
5. The Permit Holder must not start construction activities until it has received the assessment of cumulative effects of the project and description of mitigations and offsets referenced in (4) above.
6. The Permit Holder must not commence construction until it has submitted to the BCER (postpermitrequests@bc-er.ca) a confirmation, by a corporate officer, that a downstream LNG facility has contracted Prince Rupert Gas Transmission as its primary supplier and that a positive final investment decision has been made on that LNG facility.

7. Prior to commencement of construction activities on any portion of the pipeline, the Permit Holder must engage with an impacted First Nation and consider any relevant information made available by a First Nation, and conduct an investigation of the potential effects of the operation of the pipeline on the current use of land and resources for traditional purposes by the impacted First Nation. Relevant information may include, but not be limited to, updated wildlife studies, culturally modified trees, cache pits, house pits, grave sites, pictograph sites, smoke houses, cabins, artifacts, and areas traditionally used for camping, hunting, fishing, and berry-picking located within the pipeline area.

8. The Permit holder must submit the BCER (postpermitrequests@bc-er.ca) and send copies to impacted First Nations, at least six months prior to commencing construction activities on any portion of the pipeline, a report describing the site-specific mitigation plans. The report must include, but not be limited to:

    a. a summary of the engagement with impacted First Nations and relevant information considered by the Permit Holder, including First Nations specific studies or surveys, that inform the site-specific mitigation plans;

    b. a description of how the Permit Holder considered and addressed any information received by First Nations in development of the site-specific mitigation plans;

    c. a description of any outstanding concerns raised by First Nations regarding the potential effects of the activities on the current use of land and resources for traditional purposes, including a description of how these concerns have or will be addressed by the Permit Holder; and

    d. a summary of any outstanding investigations or follow-up activities that will not be completed prior to commencing construction, including an estimated completion date, if applicable.

    The Permit Holder may not start construction activities on any portion of the pipeline until the BCER notifies the Permit Holder that it has completed a review of the report.

This extension forms an integral part of the permit and should be attached thereto.

Shannon Weatherill
Authorized Signatory
BC Energy Regulator Delegated Decision Maker

Copied to:

Land Agent – Roy Northern Land Service Ltd.

BRITISH COLUMBIA ENERGY REGULATOR

May 3, 2024

Prince Rupert Gas Transmission Ltd.
450-1 Street, SW
Calgary, AB T2P 5H1

Attention: Prince Rupert Gas Transmission Ltd.

RE: Permit Extension for Application Determination Number 100082373, OGC Legacy #9708459

Permit Holder: Prince Rupert Gas Transmission Ltd. (PRGT)
Permit Date of Issuance: June 12, 2015
Extension Date of Issuance: May 3, 2024
Extension Effective Date: May 7, 2024
Extended Expiration Date: November 25, 2024
Application Determination No.: 100082373
Pipeline Project No.: 000023588

PERMISSIONS

Oil and Gas Activities Act

1. The BC Energy Regulator (the Regulator), under section 32(5) of the Energy Resource Activities Act, hereby extends the permit and any associated authorizations to construct, maintain, and operate a pipeline.
2. This permit extension is subject to the original permit, authorizations, subsequent amendments, and any additional conditions as set out herein.
3. The prescribed period of this permit has been extended for one year and will expire on November 25, 2024, concurrently with PRGT's Environmental Assessment Certificate, if the permit holder has not begun the activity by this date.

CONDITIONS

4. At least 6 months prior to construction start, the permit holder must provide the Regulator (**postpermitrequests@bc-er.ca**) with notice for the purpose of receiving the following:
    a. An assessment of cumulative effects of the project, and
    b. A description all of mitigations and offsets required during and post construction to address cumulative effects and to avoid, minimize and restore impacts to the current use of land and resources for traditional purposes by an impacted First Nation.
5. The Permit Holder must not start construction activities until it has received the assessment of cumulative effects of the project and description of mitigations and offsets referenced in (4) above.
6. The Permit Holder must not commence construction until it has submitted to the Regulator (**postpermitrequests@bc-er.ca**) a confirmation, by a corporate officer, that a downstream LNG facility has contracted PRGT as its primary supplier and that a positive final investment decision has been made on that LNG facility.

The Commission replaces condition #6 of the permit with the following:

7. Prior to commencement of construction activities on any portion of the pipeline right of way or workspace, the Permit Holder must engage with an impacted First Nation and consider any relevant information made available by a First Nation, and conduct an investigation of the potential effects of the operation of the pipeline on the current use of land and resources for traditional purposes by the impacted First Nation. Relevant information may include but not be limited to updated wildlife studies, culturally modified trees, cache pits, house pits, grave sites, pictograph sites, smoke houses, cabins, artifacts, and areas traditionally used for camping, hunting, fishing and berry picking located within the pipeline right of way or workspace.

8. The Permit holder must submit the Regulator (**postpermitrequests@bc-er.ca**) and send copies to impacted First Nations, at least six months prior to commencing construction activities on any portion of the pipeline right of way or work space, a report describing the site-specific mitigation plans. The report must include, but not be limited to:
   a) a summary of the engagement with impacted First Nations and relevant information considered by the Permit Holder, including First Nations specific studies or surveys, that inform the site-specific mitigation plans;
   b) a description of how the Permit Holder considered and addressed any information received by First Nations in development of the site-specific mitigation plans;
   c) a description of any outstanding concerns raised by First Nations regarding the potential effects of the activities on the current use of land and resources for traditional purposes, including a description of how these concerns have or will be addressed by the Permit Holder; and
   d) a summary of any outstanding investigations or follow-up activities that will not be completed prior to commencing construction, including an estimated completion date, if applicable.

   The Permit Holder may not start construction activities on any portion of the pipeline right of way or workspace until the Regulator notifies the Permit Holder that it has completed a review of the report.

ADVISORY GUIDANCE

1. Appropriate Land Act tenure will be issued upon acceptance of the post-construction plan. Submission of the original application and submission of the post-construction plan is considered application for all subsequent Land Act tenures; no further applications for replacement tenure is required.

This extension forms an integral part of the permit and should be attached thereto.

Shannon Weatherill
Authorized Signatory
BC Energy Regulator Delegated Decision Maker

BRITISH COLUMBIA ENERGY REGULATOR

May 5, 2023

Prince Rupert Gas Transmission Ltd.
450-1 Street, SW
Calgary, AB T2P 5H1

Attention: Prince Rupert Gas Transmission Ltd.

RE: Permit Extension for Application Determination Number 100082373, OGC Legacy #9708459

Permit Holder: Prince Rupert Gas Transmission Ltd.
Permit Date of Issuance: May 6, 2015
Extension Date of Issuance: May 5, 2023
Extension Effective Date: May 7, 2023
Extended Expiration Date: May 6, 2024
Application Determination No.: 100082373
Pipeline Project No.: 000023563

PERMISSIONS

Oil and Gas Activities Act

1. The BC Energy Regulator (the Regulator), under section 32(5) of the Oil & Gas Activities Act, hereby extends the permit and any associated authorizations to construct, maintain and operate a pipeline.
2. This permit extension is subject to the original permit, authorizations, subsequent amendments and any additional conditions as set out herein.
3. The prescribed period of this permit has been extended for one year and will expire on May 6, 2024, if the permit holder has not begun the activity by this date.

CONDITIONS

4. At least 6 months prior to construction start, the permit holder must provide the Regulator (**postpermitrequests@bc-er.ca**) with notice for the purpose of receiving the following:
    a. An assessment of cumulative effects of the project, and
    b. A description all of mitigations and offsets required during and post construction to address cumulative effects and to avoid, minimize and restore impacts to the current use of land and resources for traditional purposes by an impacted First Nation.
5. The Permit Holder must not start construction activities until it has received the assessment of cumulative effects of the project and description of mitigations and offsets referenced in (4) above.
6. The Permit Holder must not commence construction until it has submitted to the Regulator (**postpermitrequests@bc-er.ca**) a confirmation, by a corporate officer, that a downstream LNG facility has contracted Prince Rupert Gas Transmission as its primary supplier and that a positive final investment decision has been made on that LNG facility.

The BCER replaces condition #6 of the permit with the following:

7. Prior to commencement of construction activities on any portion of the pipeline right of way or workspace, the Permit Holder must engage with an impacted First Nation and consider any relevant information made available by a First Nation, and conduct an investigation of the potential effects of the operation of the pipeline on the current use of land and resources for traditional purposes by the impacted First Nation. Relevant information may include but not be limited to updated wildlife studies, culturally modified

trees, cache pits, house pits, grave sites, pictograph sites, smoke houses, cabins, artifacts, and areas traditionally used for camping, hunting, fishing and berry picking located within the pipeline right of way or workspace.

8. The Permit holder must submit the Regulator (**postpermitrequests@bc-er.ca**) and send copies to impacted First Nations, at least six months prior to commencing construction activities on any portion of the pipeline right of way or work space, a report describing the site-specific mitigation plans. The report must include, but not be limited to:
   a) a summary of the engagement with impacted First Nations and relevant information considered by the Permit Holder, including First Nations specific studies or surveys, that inform the site-specific mitigation plans;
   b) a description of how the Permit Holder considered and addressed any information received by First Nations in development of the site-specific mitigation plans;
   c) a description of any outstanding concerns raised by First Nations regarding the potential effects of the activities on the current use of land and resources for traditional purposes, including a description of how these concerns have or will be addressed by the Permit Holder; and
   d) a summary of any outstanding investigations or follow-up activities that will not be completed prior to commencing construction, including an estimated completion date, if applicable.

   The Permit Holder may not start construction activities on any portion of the pipeline right of way or workspace until the Regulator notifies the Permit Holder that it has completed a review of the report.

ADVISORY GUIDANCE

1. Appropriate Land Act tenure will be issued upon acceptance of the post-construction plan. Submission of the original application and submission of the post-construction plan is considered application for all subsequent Land Act tenures; no further applications for replacement tenure is required.

This extension forms an integral part of the permit and should be attached thereto.



Patrick Smook
Authorized Signatory
Commission Delegated Decision Maker

May 6, 2022

Prince Rupert Gas Transmission Ltd.
450-1 Street, SW
Calgary, AB T2P 5H1

Attention: Prince Rupert Gas Transmission Ltd.

RE: Permit Extension for Application Determination Number 100082373, OGC Legacy #9708459

Permit Holder: Prince Rupert Gas Transmission Ltd.
Permit Date of Issuance: June 12, 2015
Extension Date of Issuance: May 6, 2022
Extension Effective Date: May 7, 2022
Extended Expiration Date: May 6, 2023
Application Determination No.: 100082373
Pipeline Project No.: 000023588

PERMISSIONS

Oil and Gas Activities Act

1. The BC Oil and Gas Commission (the "Commission"), under section 32(5) of the Oil & Gas Activities Act, hereby extends the permit and any associated authorizations to construct, maintain and operate a pipeline.
2. This permit extension is subject to the original permit, authorizations, subsequent amendments and any additional conditions as set out herein .
3. The prescribed period of this permit has been extended for one year and will expire on May 6, 2023, if the permit holder has not begun the activity by this date.

CONDITIONS

4. At least 6 months prior to construction start, the permit holder must provide the Commission (postpermitrequests@bcogc.ca) with notice for the purpose of receiving the following:
    a. An assessment of cumulative effects of the project, and
    b. A description all of mitigations and offsets required during and post construction to address cumulative effects and to avoid, minimize and restore impacts to the current use of land and resources for traditional purposes by an impacted First Nation.
5. The Permit Holder must not start construction activities until it has received the assessment of cumulative effects of the project and description of mitigations and offsets referenced in (4) above.
6. The Permit Holder must not commence construction until it has submitted to the Commission (postpermitrequests@bcogc.ca) a confirmation, by a corporate officer, that a downstream LNG facility has contracted Prince Rupert Gas Transmission as its primary supplier and that a positive final investment decision has been made on that LNG facility.

The Commission replaces condition #6 of the permit with the following:

7. Prior to commencement of construction activities on any portion of the pipeline right of way or workspace, the Permit Holder must engage with an impacted First Nation and consider any relevant information made available by a First Nation, and conduct an investigation of the potential effects of the operation of the

pipeline on the current use of land and resources for traditional purposes by the impacted First Nation. Relevant information may include but not be limited to updated wildlife studies, culturally modified trees, cache pits, house pits, grave sites, pictograph sites, smoke houses, cabins, artifacts, and areas traditionally used for camping, hunting, fishing and berry picking located within the pipeline right of way or workspace.

8. The Permit holder must submit the Commission (postpermitrequests@bcogc.ca) and send copies to impacted First Nations, at least six months prior to commencing construction activities on any portion of the pipeline right of way or work space, a report describing the site-specific mitigation plans. The report must include, but not be limited to:

   a) a summary of the engagement with impacted First Nations and relevant information considered by the Permit Holder, including First Nations specific studies or surveys, that inform the site-specific mitigation plans;

   b) a description of how the Permit Holder considered and addressed any information received by First Nations in development of the site-specific mitigation plans;

   c) a description of any outstanding concerns raised by First Nations regarding the potential effects of the activities on the current use of land and resources for traditional purposes, including a description of how these concerns have or will be addressed by the Permit Holder; and

   d) a summary of any outstanding investigations or follow-up activities that will not be completed prior to commencing construction, including an estimated completion date, if applicable.

9. The Permit Holder may not start construction activities on any portion of the pipeline right of way of workspace until the Commission notifies the Permit Holder that it has completed a review of the report.

ADVISORY GUIDANCE

1. Appropriate *Land Act* tenure will be issued upon acceptance of the post-construction plan. Submission of the original application and submission of the post-construction plan is considered application for all subsequent *Land Act* tenures; no further applications for replacement tenure is required.

This extension forms an integral part of the permit and should be attached thereto.



Patrick Smook
Authorized Signatory
Commission Delegated Decision Maker

April 14, 2021

Prince Rupert Gas Transmission Ltd.
450-1 Street, SW
Calgary, AB T2P 5H1

Attention: Prince Rupert Gas Transmission Ltd.

RE: Permit Extension for Application Determination Number 100082373, OGC Legacy #9708459

Permit Holder: Prince Rupert Gas Transmission Ltd.
Permit Date of Issuance: June 12, 2015
Extension Date of Issuance: April 14, 2021
Extension Effective Date: May 6, 2021
Extended Expiration Date: May 6, 2022
Application Determination No.: 100082373
Pipeline Project No.: 000023588

PERMISSIONS

Oil and Gas Activities Act

1. The BC Oil and Gas Commission (the "Commission"), under section 32(5) of the Oil & Gas Activities Act, hereby extends the permit and any associated authorizations to construct, maintain and operate a pipeline.
2. This permit extension is subject to the original permit, authorizations, subsequent amendments and any additional conditions as set out herein .
3. The prescribed period of this permit has been extended for one year and will expire on May 6, 2022 if the permit holder has not begun the activity by this date.

ADVISORY GUIDANCE

1. Appropriate *Land Act* tenure will be issued upon acceptance of the post-construction plan. Submission of the original application and submission of the post-construction plan is considered application for all subsequent *Land Act* tenures; no further applications for replacement tenure is required.

This extension forms an integral part of the permit and should be attached thereto.

James O' Hanley
Authorized Signatory
Commission Delegated Decision Maker

March 18, 2020

Prince Rupert Gas Transmission Ltd.
450-1 Street, SW
Calgary, AB T2P 5H1

Attention: Prince Rupert Gas Transmission Ltd.

RE: Permit Extension for Application Determination Number 100082373, OGC Legacy # 9708459

Permit Holder: Prince Rupert Gas Transmission Ltd.
Permit Date of Issuance: June 12, 2015
Extension Effective Date: May 6, 2020
Extended Expiration Date: May 6, 2021
Application Determination No.: 100082373
Pipeline Project No.: 000023588

PERMISSIONS

Oil and Gas Activities Act

1. The BC Oil and Gas Commission (the "Commission"), under section 32(5) of the Oil & Gas Activities Act, hereby extends the permit and any associated authorizations to construct, maintain and operate a pipeline.
2. This permit extension is subject to the original permit, authorizations, subsequent amendments and any additional conditions as set out herein .
3. The prescribed period of this permit has been extended for one year and will expire on May 6, 2021 if the permit holder has not begun the activity by this date.

ADVISORY GUIDANCE

1. Appropriate *Land Act* tenure will be issued upon acceptance of the post-construction plan. Submission of the original application and submission of the post-construction plan is considered application for all subsequent *Land Act* tenures; no further applications for replacement tenure is required.

This extension forms an integral part of the permit and should be attached thereto.

James O'Hanley
Authorized Signatory
Commission Delegated Decision Maker

May 6, 2019

Prince Rupert Gas Transmission Ltd.
450-1 Street, SW
Calgary, AB T2P 5H1

Attention: Prince Rupert Gas Transmission Ltd.

RE: Permit Extension for Application Determination Number 100082373, OGC Legacy # 9708459

Permit Holder: Prince Rupert Gas Transmission Ltd.
Permit Date of Issuance: June 12, 2015
Extension Effective Date: May 6, 2019
Extended Expiration Date: May 6, 2020
Application Determination No.: 100082373
Pipeline Project No.: 000023588

PERMISSIONS

Oil and Gas Activities Act

1. The BC Oil and Gas Commission (the "Commission"), under section 32(5) of the Oil & Gas Activities Act, hereby extends the permit and any associated authorizations to construct, maintain and operate a pipeline.
2. This permit extension is subject to the original permit, authorizations, subsequent amendments and any additional conditions as set out herein .
3. The prescribed period of this permit has been extended for one year and will expire on **May 6, 2020** if the permit holder has not begun the activity by this date.

ADVISORY GUIDANCE

1. Appropriate *Land Act* tenure will be issued upon acceptance of the post-construction plan. Submission of the original application and submission of the post-construction plan is considered application for all subsequent *Land Act* tenures; no further applications for replacement tenure is required.

This extension forms an integral part of the permit and should be attached thereto.



James O'Hanley
Vice President, Applications
Commission Delegated Decision Maker

pc: OGC, Compliance and enforcement

April 23, 2018

Prince Rupert Gas Transmission Ltd
450-1 Street, SW
Calgary, AB T2P 5H1

Attention: Prince Rupert Gas Transmission Ltd

RE: Permit Extension for Application Determination Number 100082373, OGC Legacy# 9708459

Permit Holder: Prince Rupert Gas Transmission Ltd
Permit Date of Issuance: June 12, 2015
Extension Effective Date: May 6, 2018
Extended Expiration Date: May 6, 2019
Application Determination No.: 100082373
Pipeline Project No.: 000023588

PERMISSIONS

Oil and Gas Activities Act

1. The BC Oil and Gas Commission (the "Commission"), under section 32(5) of the *Oil & Gas Activities Act*, hereby extends the permit and any associated authorizations to construct, maintain and operate a pipeline.
2. This permit extension is subject to the original permit, authorizations, subsequent amendments and any additional conditions as set out herein.
3. The prescribed period of this permit has been extended for one year and will expire on **May 6, 2019** if the Permit Holder has not begun the activity by this date.

ADVISORY GUIDANCE

1. Appropriate *Land Act* tenure will be issued upon acceptance of the post-construction plan. Submission of the original application and submission of the post-construction plan is considered application for all This extension forms an integral part of the permit and should be attached thereto.

This extension forms an integral part of the permit and should be attached thereto.

James O'Hanley
Vice President, Applications

pc: OGC Compliance & Enforcement

May 1, 2017

Prince Rupert Gas Transmission Ltd.
450-1st St SW, Drop Box 2350
Calgary, AB
T2P 5H1

Attention: Prince Rupert Gas Transmission Ltd.

RE: Permit Extension for Application Determination Number 100082373, OGC Legacy 9708459

Permit Holder: Prince Rupert Gas Transmission Ltd.
Permit Date of Issuance: June 12, 2015
Extension Date of Issuance: May 1, 2017
Extended Expiration Date: May 6, 2018
Application Determination No.: 100082373
Pipeline Project No.: 000023588

PERMISSIONS

Oil and Gas Activities Act

1. The BC Oil and Gas Commission (the "Commission"), under section 32(5) of the *Oil & Gas Activities Act*, hereby extends the permit and any associated authorizations to construct, maintain and operate a pipeline.

Petroleum and Natural Gas Act

2. Pursuant to Section 138(1) of the *Petroleum and Natural Gas Act*, the Permit Holder is authorized to enter, occupy and use any unoccupied Crown land located within the operating area to carry out the oil and gas activity and related activities authorized under this permit.

CONDITIONS

3. The rights granted by this authorization are subject to all subsisting grants to or rights of any person made or acquired under the *Coal Act, Forest Act, Land Act, Mineral Tenure Act, Petroleum and Natural Gas Act, Range Act, Water Sustainability Act* or *Wildlife Act*, or any extension or renewal of the same.
4. The Permit Holder must not assign or sublicense this permit or permit any person to use or occupy the land, other than its employees, contractors, or representatives, without the Commission's written consent.
5. The Permit Holder must ensure that the area is maintained in a condition so as to minimize hazards, including but not limited to hazards associated with storage of materials and equipment.
6. The Permit Holder must ensure that the area is free of garbage, debris and unused equipment.

ADVISORY GUIDANCE

1. On September 21, 2015, section 14 of the *Land A*ct was repealed. Accordingly, the section 14 *Land Act* authorization originally granted to enter, occupy and use any unoccupied Crown land for the purposes of carrying out this oil and gas activity is now authorized under section 138(1) of *the Petroleum and Natural Gas Act*, and the original authorization will be cancelled.
2. Appropriate *Land Act* tenure will be issued upon acceptance of the post-construction plan. Submission of the original application and submission of the post-construction plan is considered application for all subsequent *Land Act* tenures; no further applications for replacement tenure is required.
3. The term “unused equipment” has the same definition as in the Drilling and Production Regulation.

This extension forms an integral part of the permit and should be attached thereto.



James O’Hanley
Vice President, Permitting & Authorizations

BC Oil & Gas COMMISSION

June 12, 2015

Prince Rupert Gas Transmission Ltd.
450 - 1st Street SW
Calgary, Alberta T2P 5H1

Attention: Prince Rupert Gas Transmission Ltd.

RE: Pipeline Permit (Section 3)

Date of Issuance: June 12, 2015
Commission File No: 9708459
Job No.: 014697177-001

PERMISSIONS

1. The BC Oil and Gas Commission (the "Commission"), under section 25(1) of the *Oil and Gas Activities Act*, hereby permits the holder to construct and operate a pipeline for the purpose of conveying natural gas subject to the following conditions, any applicable exemptions and authorizations:

    a. The permissions and authorizations granted under this permit are limited to the areas described in the following construction plans by WSP Surveys (BC) Limited Partnership as submitted to the Commission in the permit application dated March 13, 2015:

WSP File: 130275CP03R1, sheet 1-51, revision 1, dated January 14, 2015;

2. This permit expires two years from the date of issuance as per section 8 of the *Oil and Gas Activities Act* General Regulation if the permit holder has not begun the construction of the pipeline permitted unless the permit has been extended.

3. In the area where two route options are proposed, between KM 302 and KM 333, the permit holder is authorized to construct the pipeline within one of the route options, but not both.

4. The permit holder is authorized to construct and operate the pipeline segments 001, 002, 003, 004 to transmit natural gas under a maximum operating pressure of 9930 kPa, and

under a maximum concentration of H_2S of 0.002[1] mol% unidirectionally, and in accordance with Piping & Instrumentation Diagram(s), 004776-01-ML-004, revision DD, dated September 3rd, 2014. Changes may be made to pigging design, and to above ground valves and piping, provided that:

i. the changes do not affect direct connections to pipelines and facilities;

ii. there are no changes to approved pressure protection, H_2S protection or isolation;

iii. there is no substantive impact to any aspect of the project that was included in a consultation under the Consultation and Notification Regulation; and

iv. the design and operation of the pipeline continues to meet all regulatory requirements and the requirements of CSA Z662, as amended from time to time.

CONDITIONS

Notification and Reporting

1. At least 30 days prior to commencing any construction activities under this permit, the permit holder must provide the Carrier Sekani Tribal Council, Doig River First Nation, Halfway River First Nation, Lake Babine Nation, McLeod Lake Indian Band, Nak'azdli First Nation, Tl'azt'en Nation, Saulteau First Nation, West Moberly First Nations, and Yekooche First Nation the proposed construction schedule.
2. At least one week prior to the beginning of each month, the permit holder must submit a schedule to the Commission indicating the location and timing of horizontal directional drilling, direct pipe installation, microtunnelling or in-stream work planned to commence the following month.
3. Unless a submission has been made under condition 4, the permit holder must annually, on or before March 31 of each year, submit to the Commission's KERMIT system, a Post Construction Plan map showing the location and nature of any construction activities completed under this permit during the previous calendar year.
4. Within 60 days of completion of construction activities under this permit, the permit holder must submit to the Commission a Post Construction Plan as an ePASS shape file accurately identifying the location of the total area actually disturbed under this permit.

First Nations

5. At the completion of construction activities the permit holder must restore any identifiable trails traditionally used by First Nations that were impacted by construction, to the level of access that existed prior to construction, if the location of the trail is made known to the permit holder by a First Nation or the Commission prior to the permit holder's notice of construction start.

[1] Note: 0.002 mol% means 0.0016, mol%, rounded.

6. Prior to commencement of construction activities on any portion of the pipeline right of way or work space, the permit holder must consider relevant information made available by a First Nation in the development of site specific mitigation plans. Relevant information includes culturally modified trees, cache pits, house pits, grave sites, pictograph sites, smoke houses, cabins, artifacts and areas traditionally used for camping, hunting, fishing and berry picking located within the pipeline right of way or work space.

   The permit holder must submit, at least 30 days prior to the commencement of construction, the information, along with site-specific mitigation plans for any of the specified items identified that may be impacted by construction activities, to the satisfaction of the Commission.

Clearing

7. Clearing and site preparation must be limited to areas needed for the pipeline right of way and work space.
8. Clearing and site preparation, inclusive of work space, must be confined to the construction corridor and must not exceed 1455.73 ha on Crown land and must not, without leave of the Commission, occur within:
    a. 100 meters of where water is diverted by a waterworks, water supply well or water storage reservoir;
    b. an area containing a mineral lick, bald eagle, osprey, goshawk or great blue heron nest unless the mineral lick or nest is not damaged by activities authorized under this permit;
    c. a permanent sample site on Crown Land used as a snow course;
    d. an area that would require harvest or disturbance of whitebark pine trees;
    e. a riparian management area (RMA), except as identified in the construction plans referenced in Permissions, to facilitate a stream or wetland crossing, or where it does not involve new clearing and existing clearings do not have a reestablished vegetative cover;
    f. a wildlife tree retention area other than those identified in the construction plans referenced in Permissions; and
    g. Ungulate Winter Range (UWR) 7-002.
9. Except with leave of the Commission, new cut for additional work space is not permitted within an established wildlife habitat area (WHA), ungulate winter range, riparian reserve zone (RRZ), or old growth management area as defined in the Environmental Protection and Management Regulation (EPMR) or the *Forest and Range Practices Act* and its regulations.
10. Clearing and site preparation, except shooflies identified in the construction plans referenced in Permissions, must be confined to the area approved in the Certified Project Description of the associated Environmental Assessment Certificate.
11. Clearing and site preparation must be limited to the area necessary to safely construct the pipeline taking into account the influence of terrain, safe equipment operations, clearing debris, worker safety and egress, protection of adjacent infrastructure, and other conditions relevant to safe construction operations.

12. Clearing and site preparation, other than those identified in the construction plans referenced in Permissions, must be located on any previously disturbed areas located within the construction corridor unless:
    a. a previously disturbed area is less than 2 hectares;
    b. such clearing and site preparation is required to avoid one or more of the areas or features identified in condition 8 (a) to (g); or
    c. the permit holder is granted leave by the Commission to carry out such clearing and site preparation.
13. The permit holder must maintain vegetation and minimize stumping or ground disturbance within 10 metres of the high water mark of a fish bearing watercourse and delay grading of the banks of watercourses until immediately before construction of either pipeline crossings or crossings for vehicle access, except where necessary to address terrain related constraints, safe equipment operations, clearing debris, worker safety and egress, protection of adjacent infrastructure or environmental values and other conditions relevant to safe construction operations. Appropriate erosion and sediment control structures must be installed as necessary to ensure debris and soil are not deposited into watercourses.
14. Any trees harvested within the RMA of a stream or wetland must be felled away from the stream or wetland, and any trees, debris or soil deposited below the high water mark must be removed immediately.

Wildlife

15. Except with leave of the Commission, the permit holder must not undertake clearing activities between April 1 and July 31 unless pre-clearing surveys are completed, and where appropriate, mitigation is implemented as per the methods outlined in the Bird Nest Mitigation and Monitoring Plan (Appendix F-2 of the Construction Environmental Management Plan).
16. Except with leave of the Commission, the permit holder must not undertake any construction or significant maintenance activities within a wetland when an active waterfowl nest is present within 200 metres of the pipeline right of way and work spaces in that wetland.
17. Except with leave of the Commission, the permit holder must not undertake construction or significant maintenance activities between KM 345 and KM 364.5 and between KM 368 and KM 395, within the Takla Lake Caribou Herd area, between January 15 and July 15.
18. Except with leave of the Commission, the permit holder must not undertake any construction or significant maintenance activities within the Middle River and associated RRZ between July 1 and June 7.
19. Except with leave of the Commission, works within any fish bearing watercourse in the Tahlo, Morrison and Tildesley watersheds must not occur between July 15 and June 15.
20. Except with leave of the Commission, the permit holder must not undertake any construction or significant maintenance activities within Kazchek Creek and the associated RRZ between July 16 and June 7.
21. Except with leave of the Commission, the permit holder must not undertake any construction or significant maintenance activities between KM 254.5 and KM 272.5, within identified moose calving area, between May 15 and June 15.

22. Except with leave of the Commission, the permit holder must not undertake construction or significant maintenance activities within proposed WHAs 6-289 and WHA 6-336 between January 1 and June 15.

23. Except with leave of the Commission, the permit holder must not undertake construction or significant maintenance activities within 200 meters of an active grizzly bear or black bear den between November 1 and May 15.

24. Except with leave of the Commission, the permit holder must not undertake construction or significant maintenance activities within 500 meters of an active wolverine den between February 1 and August 1.

25. Except with leave of the Commission, the permit holder must not, with respect to fisher:

    a. undertake construction or significant maintenance activities within 200 metres of any active den; and

    b. undertake construction or significant maintenance activities within 400 metres of an active den between March 15 and July 31.

26. When using aircraft to undertake activities associated with the permit, the permit holder must provide written instructions to the pilot specifying that flights must not, except in the event of an emergency situation directly approach, hover over, circle, or land near mountain goats, moose, elk, or caribou.

27. When using aircraft to undertake activities associated with the permit, the permit holder must provide written instructions to the pilot specifying that flights must not, except in the event of an emergency situation directly approach, hover over or circle near, or land within 500 meters of known wolverine den sites between February 1 and June 30.

28. The permit holder must implement appropriate measures to reduce the obstruction of wildlife movement across the pipeline right of way during construction and operations.

29. The permit holder must collect and store garbage in a manner that does not attract bears.

30. The permit holder must construct line of sight barriers across the width of the pipeline right of way in consultation with the Commission between KM 345 and KM 364.5, within the Takla Lake Caribou Herd area.

31. In areas where the right of way does not require grading in order to safely construct the pipeline, the permit holder must restrict grubbing to the trench width between KM 345 and KM 364.5, within the Takla Lake Caribou Herd area.

Terrain Stability, Acid Rock Drainage and Mineral Leaching

32. Prior to operating the pipeline, the permit holder must prepare and file with the Commission a report satisfactory to the Commission for the monitoring and maintenance of ground and slope stability on areas where the stability

    a. may be affected by clearing or construction of the pipeline; or

    b. may affect the safe operation of the pipeline.

    The report must be prepared by a qualified professional and must include an assessment of and monitoring plan for any areas where karst or ground subsidence may be located.

33. The permit holder must submit prior to construction an acid rock assessment and mitigation information to the Commission, all to the satisfaction of the Commission, with

respect to potentially acid generating (PAG) rock along the proposed pipeline route. The information must include the following elements:

a. the criteria used to classify acid rock drainage/metal leaching potential;

b. the process used to delineate PAG rock including desktop and field/laboratory assessments;

c. results of engineering evaluation of expected PAG rock locations and associated construction-related quantities;

d. additional planned characterization to complement initial assessment results;

e. protocols to be followed during construction to verify results of PAG characterization and engineering assessments;

f. a flowchart outlining material handling steps for confirmed PAG rock;

g. associated mitigation and monitoring programs for exposed in situ and disposed PAG rock;

h. mitigation selection criteria;

i. typical drawings and typical specifications for mitigation such as soil covers and rock slope face barriers (e.g., shotcrete and synthetic spray cover); and

j. gradational specifications for cover layer barriers composed of glacial till and/or other materials.

The above information must be prepared by a qualified professional and any protocols, mitigation or monitoring associated with e through j must be implemented by permit holder.

Stream, Wetland and Lake Crossings

34. Subject to sections 11 and 12 of the EPMR, crossings of non-fish bearing streams and wetlands must be constructed in accordance with the methods and any mitigations that specified in a supplemental stream and wetland crossing submission that has been submitted to the satisfaction of the Commission.

35. Subject to sections 11 and 12 of the EPMR, crossings of fish bearing streams and wetlands must be constructed in accordance with the timing, methods and any mitigations that are specified in a supplemental stream and wetland crossing submission that has been submitted to the satisfaction of the Commission. Any contingency method specified in a supplemental stream and wetland crossing submission may only be utilized with leave of the Commission.

36. Except with leave of the Commission, the permit holder must only carry out construction activities within a wetland with a riparian class of W2 in accordance with the timing, methods and any mitigations for such works that are specified in a supplemental W2 workspace submission that has been submitted to the satisfaction of the Commission.

37. Open cut crossings of watercourses must be planned and conducted in accordance with the relevant detail in a supplemental stream crossing submission that has been submitted to the satisfaction of the Commission, and the following requirements:

    a. An open cut of a stream classified as S1, S2, S3, S4, S5 or S6 may only occur with leave of the Commission, unless the stream is frozen to its bed or is completely dry with no evidence of subsurface flow;

b. where the streambed consists of rocks, pebbles or coarse gravel overlaying finer material, this material must be removed and stockpiled separately above the high water mark of the stream for replacement during restoration,

c. excavated materials must be contained using appropriate techniques, so that that sediment-laden water and spoil do not re-enter the waterbody,

d. any sediment-laden trench water must be pumped onto stable surfaces in a manner that does not cause erosion of soils or release of suspended sediments to watercourses;

e. where feasible, aquatic vegetation and organic debris removed from the construction area must be salvaged and returned following trench backfilling; and

f. channels, banks and beds of streams or wetlands, including any disturbed stable natural material must be restored, to the extent practicable, to the structure and conditions that existed before the crossing construction was initiated. Fish streams must be restored based on pre-construction surveys, including restoration of areas containing rearing potential with adequate stream depth and in-stream structures and restoration of spawning areas with gravel placement.

38. Open cut crossings of wetlands must be planned and conducted in accordance with the relevant detail in a supplemental wetland crossing submission that has been submitted to the satisfaction of the Commission, and the following requirements:

    a. where the wetland substrate consists of rocks, pebbles or coarse gravel overlaying finer material, this material must be removed and stockpiled separately above the high water mark of the stream for replacement during restoration;

    b. excavated materials must be contained using appropriate techniques, so that that sediment-laden water and spoil do not re-enter the wetland; and

    c. any sediment-laden trench water must be pumped onto stable surfaces in a manner that does not cause erosion of soils or release of suspended sediments to watercourses.

39. Flow isolation crossings must be planned and conducted in accordance with the relevant detail in a supplemental stream crossing submission that has been submitted to the satisfaction of the Commission, and in accordance with b to f of condition 37 and the following additional requirements:

    a. crossings of fish-bearing streams may commence only after confirming that sufficient equipment and supplies are available to complete the crossing in an efficient and timely manner;

    b. crossing construction within the stream channel, including the location and operation of any equipment, must be isolated from water flowing in the stream;

    c. spawning gravels must not be disturbed when redds that contain eggs or alevins are present;

    d. activities must be suspended if high stream flows present an increased risk to effectively completing the intended crossing installation technique;

e. welding, coating, weighting and, where applicable testing, of the pipe must be completed prior to commencement of trenching within fish-bearing water bodies;

f. water from flumes, pump-arounds, diversions, or other methods must be released to downstream areas using dissipation structures to avoid causing erosion or sediment release;

g. pump intakes must not disturb beds of streams or wetlands and must be screened with a maximum mesh size of 2.54 mm and approach velocity of 0.038 m/s;

h. water flows downstream of in-stream construction sites must be maintained at volume and discharge consistent with upstream flows; and

i. hard ditch plugs must be installed at or near the banks of the crossing and left in place until the crossing has been initiated.

40. Equipment to be used in or adjacent to a stream, lake or wetland must be clean or otherwise free of external grease, oil or other fluids, excessive muds, soil and vegetation, prior to entering the waterbody.

41. Within the riparian management area, generators and other stationary equipment that requires refueling, must be situated in secondary containment capable of containing the fuel capacity of the generators.

42. Unless otherwise authorized by the Commission, prior to construction activities in a stream classified as S1, S2, S3 or S4; or the Riparian Reserve Zone of a stream classified as S1, S2, S3, or a S4 stream, the permit holder must develop a Water Quality Monitoring Program to the satisfaction of the Commission. The Water Quality Monitoring Program must:

    a. be developed, implemented and supervised by a qualified professional;

    b. be consistent with the Ministry of Environment's approved water quality guidelines;

    c. include environmental water quality monitoring, including field monitoring of turbidity, pH and total suspended solids for potential exceedance of BC Water Quality Guidelines for the protection of aquatic life, as they may be amended from time to time;

    d. require pre and post construction monitoring upstream (baseline) and downstream of the location of potential disturbance from construction activities;

    e. require sampling that is representative of water quality variation across the stream; and

    f. require documentation of pre and post construction monitoring completed under e.

43. Unless otherwise authorized by the Commission, prior to construction activities in a wetland, the permit holder must develop a Wetland Water Quality Monitoring Program to the satisfaction of the Commission. The Water Quality Monitoring Program must:

    a. be developed, implemented and supervised by a qualified professional;

b. be consistent with the Ministry of Environment's approved water quality guidelines;

c. include environmental water quality monitoring for potential exceedance of the BC Water Quality Guidelines for the protection of aquatic life, as they may be amended from time to time;

d. where appropriate, require pre and post construction monitoring proximal to the location of potential disturbance from construction activities; and

e. require documentation of pre and post construction monitoring completed under d.

44. The permit holder must implement the Water Quality Monitoring Programs developed as per conditions 42 and 43 and do each of the following:

    a. provide records of documentation of all pre and post construction monitoring to the Commission;

    b. immediately report to the Commission any exceedance of the BC Water Quality Guidelines for aquatic life that persist for a period of 24 hours or greater, relative to the baseline; and

    c. immediately take steps to address the factors producing any exceedance of the BC Water Quality Guidelines for aquatic life, relative to the baseline, should any exceedance persist for a period of 24 hours or greater, and where such steps do not result in addressing the turbidity exceedance, promptly suspend construction operations at the site of activities causing the exceedance until effective solutions, satisfactory to the Commission, have been developed and implemented.

45. As part of post construction monitoring, the permit holder must, for all watercourse and wetland crossings:

    a. inspect and provide a report to the Commission that includes assessment of:

        i. RMA stability;

        ii. erosion risk to the watercourse;

        iii. vegetation re-establishment within the RMA, including species composition, percent establishment, and presence of invasive plant species; and

        iv. identify where contingency measures may be required to address the items in i, ii or iii.

    b. Where contingency measures are required, the permit holder must develop and implement an appropriate plan to the satisfaction of the Commission.

Engineering

46. Before beginning construction activities on any crossing of a road by the pipeline, the permit holder must submit, to the satisfaction of the Commission information, in tabular or other format, describing:

    a. the crossing location;

b. summary, including any outcomes, of engagement with the road tenure holder, primary road user or road owner;

c. whether the crossing will be constructed using trenchless methods;

d. the approximate dates and maximum time that traffic at the crossing is expected to be restricted or obstructed;

e. pipeline specifications at the crossings, including pipeline diameter, wall thickness, depth of cover and grade; and

f. maximum vehicular weights expected at the crossing location.

47. The permit holder must construct any road crossing consistent with information accepted by the Commission under condition 46.

48. At least 45 days prior to commencement of welding, the permit holder must submit to the Commission's satisfaction, a fracture arrest and mitigation program.

49. Where the hoop stress during the pressure test exceeds 100% SMYS, the permit holder must submit to the Commission the P-V test and the pressure test results before beginning operation of a pipeline.

50. At least 90 days prior to pipe-stringing activities in areas where geohazards are present, the permit holder must submit, to the satisfaction of the Commission:

    a. a geohazard assessment that includes:

        i. a description of the geohazard(s) identified that have reasonable probability of impacting the pipeline, with the location of each geohazard illustrated on either a map or in a table; and

        ii. specific design measures, such as materials to be used, installation procedures, protective structures, depth of cover, and monitoring that will be implemented to mitigate the geohazard(s) identified in (i); and

    b. a field changes manual for geohazards that includes:

        i. criteria for measures, including those identified in a(ii) above, that will be implemented to mitigate any additional geohazards identified during construction; and

        ii. qualification requirements for field staff who will implement the field changes manual.

51. Except with leave of the Commission, within 12 months of commencement of gas transmission to the Lelu Island Metering Station, the permit holder must submit to the Commission the results and interpretation of a high resolution in-line inspection tool run to establish an accurate position of the pipeline (GEOPIG) and to detect pipe deformation and defects.

Archaeology

52. An Archaeological Impact Assessment (AIA) must be completed for all pipeline right of way and work space areas prior to commencement of construction activities.

53. The permit holder must, as soon as practicable, submit an AIA report to the Commission.

54. If artifacts, features, materials or things protected under section 13(2) of the *Heritage Conservation Act* are identified the permit holder must, unless the permit holder holds a

permit under section 12 of the *Heritage Conservation Act* issued by the Commission 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 Commission; and

c. refrain from resuming work in the vicinity of the artifacts, features, materials or things except in accordance with an appropriate mitigation plan that has been prepared in accordance with the *Heritage Conservation Act* and approved by the Commission.

Environment

55. Prior to commencing clearing or site preparation on any portion of the pipeline right of way or work space, the permit holder must conduct a survey identifying any:

    a. bear, fisher or wolverine dens located within 200 metres of the pipeline right of way and work space, and within the construction corridor;

    b. Western Toad breeding or migration areas located within 100 metres of the pipeline right of way or workspaces;

    c. vascular plants, mosses or lichens listed under the *Species at Risk Act* as endangered, threatened or special concern and located within the construction corridor; and

    d. individual plants, plant communities or residences species identified as species at risk in a subsisting order issued under the *Forest and Range Practices Act* or the *Oil and Gas Activities Act* and located within or adjacent to the construction corridor.

    The permit holder must submit the survey results, along with site-specific mitigation plans for any of items identified in a to d that may be impacted by construction activities, to the satisfaction of the Commission prior to the permit holder's notice of construction start.

56. 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 site prior to the construction activities taking place.

57. The permit holder must, as soon as practicable, restore recreation sites, recreation trails or recreation facilities established or authorized under the *Forest and Range Practices Act* that are adversely affected by construction activities to their pre-construction condition to the Commission's satisfaction.

58. The permit holder must, as soon as practicable, restore range developments defined under the *Forest and Range Practices Act* that are adversely affected by construction activities to their pre-construction condition to the Commission's satisfaction.

59. At the completion of construction activities the permit holder must restore any identifiable trails used by trappers that were adversely affected by pipeline construction, to the level of access that existed prior to construction, if the location of the trail is made known to the permit holder by the registered trapper for the area specific to the trail or the Commission prior to the permit holder's notice of construction start.

60. In all locations where run-off from the area of the pipeline right of way or work space may flow into a watercourse, the permit holder must contour and stabilize banks and approach slopes and install berms, silt fences, cross ditches, or other alternative effective measures as appropriate to minimize erosion and avoid sediment deposit into the watercourse.

61. The permit holder must undertake dust control measures to ensure that dust resulting from construction activities does not affect safe travel on a road or significantly impair the use and enjoyment of lawfully occupied permanent dwellings, significant public use areas or other similar areas.

62. The permit holder must undertake reasonable measures to mitigate noise from construction activity that has the potential to affect public safety or significantly impair the use and enjoyment of lawfully occupied permanent dwellings, significant public use areas during periods of use or other similar areas.

63. Upon completion of construction activities authorized under this permit, the permit holder must:

    a. Re-vegetate, using seed or vegetative propagules of an ecologically suitable species or implement other measures, to the satisfaction of the Commission, that promote the restoration of the wildlife habitat that existed on the area before the oil and gas activity was begun and stabilize the soil if it is highly susceptible to erosion;

    b. between KM 345 and 364.5, within the Takla caribou herd area, and between KM 254.5 and KM 272.5, within identified moose calving area, implement human, and predator access control through higher density planting of tree species and restoration of disturbed areas with fast-growing species not preferred for browse; and

    c. take reasonably practicable measures to limit or prevent vehicular access to and along, and to reduce sightlines along the pipeline right of way.

64. The permit holder must determine timber hauling restrictions pertaining to the management of beetle infested timber recommended by the BC Ministry of Forests, Land, and Natural Resource Operations and adhere to all such restrictions unless otherwise specified by the Commission.

65. Prior to the commencement of construction activities between within mineral tenures1033418, 1033252, 1033421, 1033462 and 1034956, the permit holder must submit a report, to the satisfaction of the Commission, detailing any concerns expressed by the tenure holder, and the efforts undertaken by the permit holder from the date of issuance of the permit to consider and, where appropriate, respond to those concerns.

Potential Pinch Points

66. Except with leave of the Commission, the permit holder must provide the Commission with at least 7 days written notice of any proposed change to the pipeline centreline identified in the Construction Plans referenced in Permissions, that:

    a. would result in a change to the horizontal alignment of the pipeline centreline of more than 100 metres; or

    b. might reasonably limit the construction of any additional pipeline(s) at the location of the proposed change.

67. The permit holder must provide the Commission with a report summarizing its engagement with third parties regarding routing, pipeline alignment and the mitigation of pinch point locations within the construction corridor, at least 60 days prior to construction at such pinch point locations.

AUTHORIZATIONS ASSOCIATED WITH THE PERMIT

Temporary Permit under Section 14 of the Land Act

68. Subject to 68 through 74 below, the Commission, under section 14 of the *Land Act* and pursuant to Authorization Number 948184, hereby authorizes the permit holder to occupy and use Crown land limited to the areas described in the following construction plans WSP Surveys (BC) Limited Partnership as submitted to the Commission in the permit application dated March 13, 2015:

WSP File: 130275CP03R1, sheet 1-51, revision 1, dated January 14, 2015;

69. The permit holder will:
    a. indemnify the Province of British Columbia (the "Province") and the Commission against all losses, damages, costs, and liabilities arising out of any breach or non-performance of any condition or agreement set out in this permit, and any personal injury, death or property damage occurring on the site or happening by virtue of the permit holder's occupation of the site, and this obligation to indemnify will include all of the foregoing from the first day that such losses, damages, costs and liabilities arose; and
    b. immediately effect, and keep in force while occupying the site, insurance of an amount not less than $1,000,000 protecting the Province, the Commission and the permit holder (without any rights of cross-claim or subrogation) against claims for personal injury, death, property damage, or third party or public liability claims arising from any accident or occurrence on the site.
70. The authorization to occupy and use Crown land does not entitle the permit holder to exclusive possession of the area. The permit holder will not interfere with the activities of another person entering on and using the area under a prior or subsequent authorization issued under the *Land Act*.
71. The rights granted by this section 14 permit are subject to all subsisting grants to or rights of any person made or acquired under the *Coal Act*, *Forest Act*, *Mineral Tenure Act*, *Petroleum and Natural Gas Act*, *Range Act*, *Water Act* or *Wildlife Act*, or any extension or renewal of the same, any prior dispositions made under the *Land Act*, and the exceptions and reservations of rights and interests under section 50 of the *Land Act*.
72. The permit holder will acknowledge and agree that any interference with rights granted under this section 14 permit by virtue of the exercise or operation of the rights or interests set out in 70 or 71 above shall not constitute a breach of the Province's or the Commission's obligations under this permit and the permit holder will release and discharge the Province and/or the Commission from any claim for loss or damage arising directly or indirectly out of any such interference. The permit holder will also agree to pay

all costs and expenses that arise out of the permit holder's interference with the rights or interests set out in sections 70 or 71 and that the permit holder will not commence or maintain proceedings under section 65 of the *Land Act* with respect to interference with the permit holder's rights arising out of exercise or operation of the rights set out in sections 70 or 71.

73. The permit holder must pay, when due, the Fees to the address set out in the attached covering letter.

74. The permit holder must not assign, sublicense or transfer this Permit or permit any person to use or occupy the land, other than its employees, contractors, or representatives, without the Commission's written consent.

75. This authorization of a permit to occupy and use Crown land expires two years from the date of issuance.

Changes in and about a Stream Authorization under section 9 of the *Water Act*

76. The Commission hereby authorizes the permit holder, under section 9 of the *Water Act*, to make changes in and about streams located in the areas described in a supplemental stream and wetland crossing submission that has been submitted to the satisfaction of the Commission.

Cutting Permit Authorization

77. Pursuant to section 47.4 of the *Forest Act*, the Commission hereby issues Cutting Permit No. 12, under Master License to Cut number M02372, Mackenzie Forest District, Cutting Permit No. 10, under Master License to Cut number M02371, Fort St. James Forest District, and Cutting Permit No. 11, under Master License to Cut number M02400, Nadina Forest District, to cut and remove timber from the areas of Crown land within the area within the Site subject to the following conditions:

    a. These cutting permits are deemed spent upon submission of the post-construction plan referenced in condition 4, or upon either the cancellation or the expiry of the permitted oil and gas activity;

    b. This Cutting Permit is subject to the terms and conditions in the Master Licenses to Cut;

    c. All harvested Crown timber within Master License to Cut number M02372, Mackenzie Forest District, must be marked with Timber Mark Number MTB 380;

    d. All harvested Crown timber within Master License to Cut number M02371, Fort St. James Forest District, must be marked with Timber Mark Number MTB 377;

    e. All harvested Crown timber within Master License to Cut number M02400, Nadina Forest District, must be marked with Timber Mark Number MTB 381;

    f. The felling, bucking and utilization specifications in the Master Licenses to Cut apply to this Cutting Permit;

    g. Stumpage for this Cutting Permit will be calculated as per the applicable appraisal manual. Where timber felled on the cutting authority area that will not be removed from the site, volume billed will be based on an approved alternate method of scale;

    h. In accordance with the Master Licenses to Cut referenced above, "Within 60 days of completing operations on a cutting permit, the Licensee shall submit to the

Commission a map showing all disturbances that have occurred pursuant to that Cutting Permit, at a scale of 1:20,000 or 1:50,000.";

i. Timber that is stored in decks or piles must be marked with the correct timber mark before transportation, or at the end of every shift. The marking must be applied to one end of at least 10% of the timber pieces in each deck or pile using a hammer indentation or paint. Marking must be kept concurrent with decking;

j. Where the Permit Holder is aware of overlapping forest tenure rights that have been granted to other persons, the Permit Holder is obligated to communicate to these persons the timing and extent of their harvest operations at least two weeks prior to commencement of harvest and take all reasonable steps to coordinate their activities with these persons;

k. Prior to harvesting, any clearing authorized by this Cutting Permit must be clearly defined on the ground by ribboning or blazing; and

l. This permit authorizes a maximum total new cut area of 1270.68 ha within the construction corridor.

ADVISORY GUIDANCE

1. The permit holder must provide notices required by the Pipeline Regulation prior to beginning construction, maintenance or repair of the pipeline.
2. As required by section 3 of the Pipeline Regulation, the permit holder must design, construct, operate and maintain the pipeline in accordance with CSA Z662, as amended from time to time.
3. As required by section 4(2) of the Pipeline Regulation, the permit holder must submit to the Commission the pipe and component specifications and the as-built drawings for the pipeline within 3 months after completion of construction of a pipeline.
4. As required by section 24(1) of the *Oil and Gas Activities Act* General Regulation, the permit holder must complete the surveying and posting of the pipeline right of way within 16 months after completing construction of the pipeline.
5. As required by section 7 of the Pipeline Regulation, the permit holder must include the pipeline authorized by this permit in its Integrity Management Plan and Damage Prevention Program.
6. Trenchless crossings must be planned and conducted in accordance with the Directional Drilling Procedures and Drilling Mud Release Contingency Plan and the relevant detail in the Typical Drawings of the Environmental Management Plan and any plans accepted by the Commission under condition 34 and 35 above.
7. The permit holder must avoid all archaeology sites unless issued a site alteration permit by the Commission, pursuant to section 12 of the *Heritage Conservation Act*.
8. All archaeological reports submitted to the Commission must also be provided to the archaeology branch of the Ministry of Forests, Lands and Natural Resource Operations.
9. All archaeological reports submitted to the Commission must also be provided to the First Nations listed in condition 1 of this permit.
10. Prior to commencing construction on any pipeline stream crossing, the permit holder must:

a. identify any new streams not described in a supplemental stream and wetland crossing submission that has been submitted to the satisfaction of the Commission;

b. for new streams or where there was outstanding fieldwork required for a stream described in the OGC Application Section 3 Watercourse Crossing List and a supplemental stream and wetland crossing submission that has been submitted to the satisfaction of the Commission, conduct the field work needed to complete stream classifications and identify the fish species presence for that stream, including any required confirmation of fish species presence in streams that were surveyed prior to issuance of this permit; and

c. submit the results of the field work required under (b) to the satisfaction of the Commission. The results must clearly describe the management and mitigation measures that will be employed in order to minimize impacts to the species present and their habitat.

11. 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 Region 7 Omineca – Reduced Risk Timing Windows for Fish and Wildlife, and Skeena Region Reduced Risk In-stream Work Windows and Measures, as appropriate;

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.

DEFINITIONS

Unless the condition or its context indicates otherwise, the terms in this permit have the same meaning as defined in the *Oil and Gas Activities Act* or the regulations under that Act.

"additional work space" work space, delineated in purple on construction plans, other than temporary work space, needed to facilitate pipeline construction. These include decking sites and staging areas.

"construction activities" or "construction" means clearing, site preparation, trench excavation, pipe installation and any other activities required to construct a pipeline.

"construction corridor" means, the area of land extending on either side of the centerline of the pipeline as indicated in the application for this permit, and is labelled as either "construction corridor" or "review corridor" on the construction plans.

"environmental management plan" means, the environmental management plan as revised, that supports the application for this permit, the relevant components of which are acceptable to the Commission.

"**pinch point**" means a specific area delineated by topographic, terrain/geohazards, existing infrastructure, watercourses, or climatic conditions requiring non-routine design detail and/or construction execution for a single (first) pipeline, and/or multiple pipelines (with potentially more complex considerations related to project interactions), to ensure safe and commercially viable design, construction, and operations.

“qualified professional” means a member in good standing of a profession regulated in British Columbia and who is recognized by that profession as being qualified to work in area of practice for which an opinion or advice is required.

“qualified specialist” means a person who possesses an appropriate combination of formal education, knowledge, skills, and experience to conduct a technically sound and rational assessment for the area of practice, and be familiar with applicable regulations, standards, policies, protocols and guidelines.

“residence” means a dwelling-place, such as a den, nest or other similar area or place, that is occupied or habitually occupied by one or more individuals during all or part of their life cycles, including breeding, rearing, staging, wintering, feeding or hibernating.

“road” means, an existing road:

a. that is a highway as defined in the *Transportation Act* and is currently being maintained by an agency of the provincial government or a local government, either directly or by agreement,

b. that is a Forest Service Road,

c. for which there is a subsisting permit under the *Forest Act*, *Land Act* or *Oil and Gas Activities Act*,

d. that is an industrial road as defined under the *Industrial Roads Act*, or

e. that is privately owned.

“temporary work space” means the work space, delineated in blue on construction plans, that runs adjacent to the pipeline right of way, which may be used to accommodate vehicle traffic as well as stringing, welding and placing pipe.

“work space” includes both temporary work space and additional work space.



Ken Paulson, P. Eng.
Chief Operating Officer and Authorized Signatory
Commission Delegated Decision Maker

CC: Roy Northern Land Services Ltd.
MFLNRO, Mackenzie Forest District, Nadina Forest District, Fort St James Forest District
First Nations (Carrier Sekani Tribal Council, Doig River First Nation, Halfway River First Nation, Lake Babine Nation, McLeod Lake Indian Band, Nak’azdli First Nation, Tl’azt’en Nation, Saulteau First Nation, West Moberly First Nations, and Yekooche First Nation)
WorkSafe BC
OGC File: 9708459
BC Environmental Assessment Office