



**Westcoast Connector
Gas Transmission**

Westcoast Connector Gas Transmission Project

Human-Wildlife Conflict Management Plan
Condition 15

Detailed Outline - Revision 1

January 2022

Prepared for:

Westcoast Connector Gas Transmission Ltd.

Prepared by:

Jacobs Consultancy Canada Inc.

Jacobs



Westcoast Connector Gas Transmission Project

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Project Manager: Ashley Bird
Authors: Hilary Bradnam, Hannah Phillips, Jody Bremner

Jacobs Consultancy Canada Inc.

Unit 300
160 Quarry Park Boulevard SE
Calgary, Alberta T2C 3G3
Canada
T +1.403.407.8700

www.jacobs.com

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Land Acknowledgement

We acknowledge that the Westcoast Connector Gas Transmission project (WCGT Project) area is in the Traditional and Ancestral Territory of many Indigenous Peoples, presently subject to the Nisga'a Treaty, Treaty 8, and vast areas of unceded Indigenous Traditional lands. These Indigenous groups include the Nisga'a Nation, Prophet River First Nation, Blueberry River First Nations, Doig River First Nation, Gitanyow Hereditary Chiefs, Gitxsan Hereditary Wilp, Halfway River First Nation, Kitselas First Nation, Kitsumkalum First Nation, Lake Babine Nation, Lax Kw'alaams First Nation, Wilp Luuxhon, Metlakatla First Nation, Saulteau First Nation, Takla Lake First Nation, Tsay Keh Dene First Nation, West Moberly First Nations, Nak'azdli First Nation, McLeod Lake Band, Gitxaala Nation, and the Métis Nation British Columbia

We acknowledge the many Indigenous Peoples who live on care for these lands and have for generations. We are grateful for the traditional Knowledge Keepers and Elders who are still with us today and those who have gone before us. We make this acknowledgement as an act of reconciliation and gratitude to those whose territory we reside on or are visiting.

Executive Summary

The British Columbia Environmental Assessment Office (BC EAO) issued an Environmental Assessment Certificate (Certificate) to Westcoast Connector Gas Transmission Ltd. (WCGT Ltd.) for the WCGT Project on November 25, 2014, and later granted a 5-year extension to the Certificate on April 25, 2019. The Certificate expires on November 25, 2024.

The Project approved in the Certificate includes the potential to build two 48-inch diameter natural gas pipelines within the same right-of-way along with compressor stations that could potentially service multiple liquefied natural gas (LNG) terminal sites starting at Cypress in northeast British Columbia (BC) and ending at Ridley Island on the north coast. The Certificate provided the flexibility to choose one of two routes to the Prince Rupert area—either through the Nass Valley (Nasoga Route) or north towards Kitsault (Kitsault Route).

WCGT Ltd. is actively developing the WCGT Project to build one express, single-purpose natural gas pipeline from a compressor station near Willow Flats in northeast BC to a delivery point at Wil Milit on the north coast to supply natural gas to potential LNG terminal sites (Project).

The Certificate granted for the Project is subject to 43 Conditions. The purpose of the Human-Wildlife Conflict Management Plan (HWCMP or the Plan) is to address the requirements of Certificate Condition 15.

WCGT Ltd. is engaging with Indigenous groups and relevant regulatory authorities (RRAs) in the development of this detailed outline to support the full build-out of the Plan. Through engagement, WCGT Ltd. is seeking collaboration in the development of the Plan and any information that can be shared to strengthen the Plan and the commitment to fulfilling Condition 15.

WCGT Ltd. acknowledges the inherent connection Indigenous Peoples have with the land, wildlife and wildlife habitats, and that while the Plan will satisfy the regulatory requirement, the Plan is intended to minimize impacts to human-wildlife conflict by incorporating Indigenous Knowledge and ensuring concerns are addressed during mitigation development.

The scope of the Plan includes:

- Linkages to other plans, purpose and objectives, roles and responsibilities, implementation schedule, and future versions (Section 2)
- Methods for engaging the Indigenous groups and RRAs and a description of how engagement outcomes will help shape the Plan (Section 3)
- Regulatory requirements related to construction and operations activities of the Project that may impact human-wildlife conflict (Section 4)
- A description of the human-wildlife conflict mitigation measures that may be implemented during construction and operations activities of the Project (Section 5)

Table of Concordance

Table 0-1 describes how the Human-Wildlife Conflict Management Plan addresses the applicable Certificate Conditions.

Table 0-1. Concordance with Certificate Condition 15: Human-Wildlife Conflict Management Plan

Certificate Condition	Section
<i>Condition 15 – Human-Wildlife Conflict</i>	
The Holder must develop, in consultation with BC MFLNRORD and BC OGC, and implement a Human-Wildlife Conflict Plan to avoid or minimize direct wildlife mortalities as a result of Construction and Operations.	All
In order to allow for 60 days review and comment, the Holder must provide the Plan to BC EAO no less than 90 days prior to the Holder’s planned date to commence Construction. Once the Plan is complete, the Plan must be provided to BC MFLNRORD and BC OGC.	Section 3

Notes:

BC EAO = British Columbia Environmental Assessment Office

BC MFLNRORD = British Columbia Ministry of Forests, Lands, Natural Resource Operations and Rural Development

BC OGC = British Columbia Oil and Gas Commission

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Acronyms and Abbreviations

BC	British Columbia
AMP	Access Management Plan
BC EAO	British Columbia Environmental Assessment Office
BC MFLNRORD	British Columbia Ministry of Forests, Lands, Natural Resource Operations and Rural Development
BC OGC	British Columbia Oil and Gas Commission
Certificate	Environmental Assessment Certificate
CMMP	Caribou Mitigation and Monitoring Plan
CPC	Certified Pipeline Corridor
EAS	Environmental Alignment Sheet(s)
GBMMP	Grizzly Bear Mitigation and Monitoring Plan
HWCMP or Plan	Human-Wildlife Conflict Plan
LNG	Liquefied Natural Gas
LRMP	Land and Resource Management Plan
MMP	Moose Monitoring Plan
Project	one express, single-purpose natural gas pipeline from a compressor station near Willow Flats in northeast British Columbia to a delivery point at Wil Milit on the north coast to supply natural gas to potential liquefied natural gas terminal sites
QP	Qualified Professional
RRA	Relevant Regulatory Authority
SARA	<i>Species at Risk Act</i>
SRMP	Sustainable Resource Management Plan
TCEMP	Terrestrial Construction Environmental Management Plan
UWR	Ungulate Winter Range
WCGT Ltd.	Westcoast Connector Gas Transmission Ltd.
WCGT Project	Westcoast Connector Gas Transmission Project
WHA	Wildlife Habitat Area
WWHMP	Wildlife and Wildlife Habitat Management Plan

1. Introduction

The British Columbia Environmental Assessment Office (BC EAO) issued an Environmental Assessment Certificate (Certificate) to Westcoast Connector Gas Transmission Ltd. (WCGT Ltd.) for the Westcoast Connector Gas Transmission Project (WCGT Project) on November 25, 2014, and later granted a 5-year extension to the Certificate on April 25, 2019. The Certificate expires on November 25, 2024. The Certificate granted for the WCGT Project is subject to 43 Conditions. The purpose of the Human-Wildlife Conflict Management Plan (HWCMP or the Plan) is to address the requirements of Certificate Condition 15.

WCGT Ltd. is engaging with Indigenous groups and Relevant Regulatory Authorities (RRAs) in the development of this detailed outline to support the full build-out of the Plan. Through engagement, WCGT Ltd. is seeking collaboration in the development of the Plan and any information that can be shared to strengthen the Plan and the commitment to fulfilling Condition 15. WCGT Ltd. acknowledges the inherent connection Indigenous Peoples have with the land, wildlife and wildlife habitats, and that while the HWCMP will satisfy the regulatory requirement, the HWCMP is intended to minimize impacts from human-wildlife conflict by incorporating Indigenous Knowledge and ensuring concerns are addressed during mitigation development.

The Plan will outline environmental protection measures to avoid or minimize direct wildlife mortalities as a result of construction and operation of the Project. The Plan should be used in conjunction with the Terrestrial Construction Environmental Management Plan (TCEMP), Environmental Alignment Sheets (EAS), WCGT Project commitments, and all applicable regulatory approvals and permits.

A human-wildlife conflict can be described as any interaction between wildlife and humans, which results in, or may result in, harm to humans, wildlife, or property. Sources of direct Project-related wildlife mortality addressed in this HWCMP include the following:

- vehicle collisions with wildlife
- waste handling
- destruction or disturbance of occupied nests, dens, or amphibian breeding sites
- entrapment in trenches
- lethal intervention related to problem wildlife incidents or adverse human-wildlife encounters

Section 2 provides the linkages to other Project condition plans having associated mitigation measures and desired outcomes. The HWCMP provides environmental mitigation and commitments to be addressed for the Project during construction and operations.

1.1 Project Description

The WCGT Project approved in the Certificate includes the potential to build two 48-inch diameter natural gas pipelines within the same right-of-way along with compressor stations that could potentially service multiple liquefied natural gas (LNG) terminal sites starting at Cypress in northeast British Columbia (BC) and ending at Ridley Island on the north coast. The Certificate provided the flexibility to choose one of two routes to the Prince Rupert area—either through the Nass Valley (Nasoga Route) or north towards Kitsault (Kitsault Route).

WCGT Ltd. is actively developing the WCGT Project to build one express, single-purpose natural gas pipeline from a compressor station near Willow Flats in northeast BC to a delivery point at Wil Milit on the north coast to supply natural gas to potential LNG terminal sites (the Project) (Figure 1).

- 1 The new compressor station at Willow Flats will have the potential to connect to Enbridge Inc.'s Westcoast
2 Energy Inc. pipeline system near Compressor Station 2 or TC Energy's NGTL system, eliminating the need
3 for the pipeline corridor from Cypress to Willow Flats and the compressor station at Cypress. WCGT Ltd.
4 will apply to the BC EAO to amend its Certificate to:
- 5 1) remove approximately 100 kilometres of the Certified Pipeline Corridor from Cypress to Willow Flats;
6 and
 - 7 2) change the location of the compressor station from Cypress to Willow Flats.
- 8 If WCGT Ltd. proceeds with construction of a second pipeline, it would also start near Willow Flats and
9 would not use the corridor from Cypress to Willow Flats.
- 10 The new delivery point for the pipeline will be near Wil Milit. WCGT Ltd. will apply to the BC EAO to amend
11 its Certificate to make routing changes along its approved Nasoga Route to end the first pipeline at Wil
12 Milit. WCGT Ltd. will retain the option to expand the WCGT Project to the currently approved delivery point
13 at Ridley Island at a later date.
- 14 WCGT Ltd. is developing condition plans for the Project with Indigenous groups and stakeholders for
15 submission to the BC EAO in accordance with its Certificate. The condition plans will address potential
16 impacts from the Project, which includes the first pipeline from Willow Flats to Wil Milit, one compressor
17 station at Willow Flats, and the necessary meter stations.
- 18 WCGT Ltd. does not have plans to build the second pipeline at this time; however, should it decide to
19 construct a second pipeline, increase capacity by adding compressor stations or extend the first pipeline to
20 Ridley Island, WCGT Ltd will submit revised or new condition plans to the BC EAO in accordance with
21 Condition 1 of its Certificate.
- 22



- Town/Village/Service Area
- Kilometre Marker
- WCGT Pipeline Route
- Railway
- Highway
- - - International Border
- Watercourse
- Water Body

ENBRIDGE
Westcoast Connector
Gas Transmission

SCALE: 1:1,500,000

0 14,000 28,000 42,000 56,000 m
(All Locations Approximate)

FIGURE 1
REGIONAL OVERVIEW
WESTCOAST CONNECTOR GAS TRANSMISSION LTD.
WESTCOAST CONNECTOR GAS TRANSMISSION PROJECT

Jacobs

NAD 1983 BC Environment Albers
Hillshade Background: TERA Environmental 2008;
Highways/Roads: NRCAN 2015; Railways: NRCAN 2012; Hydrology: BC FLNRO 2008; Reserves: Government of Canada 2018; Legal Grid: TERA Environmental Consultants 2010; Watercourse Crossings: Jacobs 2021; Project Components: Enbridge 2021.

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Although there is no reason to believe that there are any errors associated with the data used to generate this product or in the product itself, users of these data are advised that errors in the data may be present.

1 1.2 Potential for Project-Related Human-Wildlife Conflict

2 The HWCMP is intended to include all potential human-wildlife conflicts that may arise from construction
3 and operation of the Project, including potential direct and indirect impacts. The biophysical features
4 along the Project have been extensively studied. WCGT Ltd. will continue to commission the required
5 biophysical studies along the proposed pipeline and associated infrastructure. Information from these
6 studies has been used to further refine and optimize the Project footprint.

7 Following the hierarchy of avoid, minimize, and restore-on-site, Project planning considerations provided
8 the opportunity to minimize direct wildlife mortalities that may be caused as a result of Project
9 construction and operation. In general, the primary routing and siting objective is to locate the proposed
10 pipeline contiguous with existing linear disturbances wherever possible. Where this was not possible, the
11 hierarchy of routing criteria in descending order of preference included the following: parallel other linear
12 corridors; identify new routing (greenfield) to balance several engineering, construction, environmental,
13 cultural, and socio-economic factors; and, in the case of new routing, minimize the length away from
14 existing linear corridors.

2. Human-Wildlife Conflict Management Plan Overview

The HWCMP is being developed to meet the requirements of Certificate Condition 15. The Plan will be developed in collaboration with Indigenous groups and RRAs.

The scope of the HWCMP includes:

- Linkages to other plans, purpose and objectives, roles and responsibilities, implementation schedule, and future versions (Section 2)
- Methods for engaging Indigenous groups and RRAs and a description of how engagement outcomes will help shape the Plan (Section 3)
- Regulatory requirements related to construction and operations activities of the Project that may impact human-wildlife conflict (Section 4)
- A description of the human-wildlife conflict mitigation measures that may be implemented during construction and operations activities of the Project (Section 5)

2.1 Purpose and Objectives

The purpose of the HWCMP is to satisfy the applicable conditions in the Certificate, specifically Condition 15. The objectives of the HWCMP include the following:

- Minimize human-wildlife conflicts to protect human health and safety, and to protect local wildlife resources and reduce property damage
- Identify specific mitigation applicable to the potential sources of Project-related direct wildlife mortalities, including but not limited to orientation, training, and instruction for Project personnel to identify, appropriately handle, and report wildlife encounters or incidents
- Describe WCGT Ltd.'s response measures for adverse human-wildlife encounters or incidents
- Minimize the potential for stress on wildlife (e.g., sensory disturbance and displacement)

2.2 Linkages to Other Condition Plans

Information on other condition plans prepared for the Project will be considered in the HWCMP (Table 2-1).

Table 2-1. Linkages to Other Condition Plans

Plan	Description of the Plan	Linkages to this Plan
Condition 13 - Grizzly Bear Mitigation and Monitoring Plan (GBMMP)	The GBMMP outlines strategies to avoid sensory disturbance and incremental mortality risk to grizzly bears during construction and operations. It also provides a plan for monitoring the success, strategies, and reporting requirements.	The GBMMP outlines measures to avoid or mitigate impacts to grizzly bear and their habitat during construction and operation of the Project. The GBMMP shares several mitigation measures with the HWCMP intended to avoid or minimize wildlife mortality risk.

Table 2-1. Linkages to Other Condition Plans

Plan	Description of the Plan	Linkages to this Plan
Condition 16 - Caribou Mitigation and Management Plan (CMMP)	The CMMP outlines strategies to avoid displacement and sensory disturbance to caribou, avoid increased predation, and target objectives of no net loss of habitat. It also provides a plan for monitoring the success of the strategies, reporting requirements, and offsetting plans in the event the strategies are unsuccessful.	The CMMP outlines measures to avoid or mitigate impacts to caribou and their habitat during construction and operation of the Project. The CMMP shares several mitigation measures with the HWCMP intended to avoid or minimize wildlife mortality risk.
Condition 18 - Moose Monitoring Plan (MMP)	The MMP recommends mitigation measures to reduce moose mortality risk during construction and operations in the Nass Wildlife Area. It also includes reporting requirements.	The MMP outlines measures to avoid or mitigate impacts to moose and their habitat within the Nass Wildlife Area during construction and operation of the Project. The MMP shares several mitigation measures with the HWCMP intended to avoid or minimize wildlife mortality risk.
Condition 19 - Wildlife and Wildlife Habitat Management Plan (WWHMP)	<p>The WWHMP consolidates all relevant wildlife mitigation into one document. It includes survey results for <i>Species at Risk Act (SARA)</i> Schedule 1 species, mitigation for habitat features, a monitoring program for moose populations during construction and operations (outside the Nass Wildlife Area), outlines reporting requirements, and provides plans for post-construction monitoring.</p> <p>The WWHMP also includes consideration of additional Conditions:</p> <ul style="list-style-type: none"> ▪ Condition 20 – flying over Ungulate Winter Ranges (UWRs) and Wildlife Habitat Areas (WHAs) ▪ Condition 21 – mitigation and monitoring for Marbled Murrelet Critical Habitat 	The WWHMP outlines measures to avoid or mitigate impacts to wildlife and wildlife habitat during construction and operation of the Project. The WWHMP shares several mitigation measures with the HWCMP intended to avoid human/wildlife conflict and mitigate potential changes in wildlife mortality risk.
Condition 22 - Access Management Plan (AMP)	The AMP provides the means by which access will be controlled, the types and locations of access requirements, rationale to demonstrate the necessity of any new temporary or permanent access, access control management measures that will be implemented during construction and operations, and post-construction monitoring requirements.	The AMP provides measures to restrict or discourage unauthorized motorized access on the Project Footprint that can affect wildlife mortality risk.

Table 2-1. Linkages to Other Condition Plans

Plan	Description of the Plan	Linkages to this Plan
Condition 35 – TCEMP	<p>The TCEMP describes WCGT Ltd.'s environmental procedures and mitigation measures to field and construction personnel. These environmental procedures and mitigation measures will be implemented during construction of the Project to mitigate, avoid, or reduce potential adverse environmental effects. The TCEMP serves as reference information for construction and inspection personnel to support decision making and to provide direction to more detailed information (i.e., resource-specific mitigation, management, and contingency plans).</p> <p>The TCEMP also includes mitigation measures to address additional Conditions:</p> <ul style="list-style-type: none"> ▪ Condition 23 – integrated pest management ▪ Condition 24 – Red- and Blue-listed plants and ecological communities ▪ Condition 27 – mitigation for Red- and Blue-listed or culturally important lichen and plant species within the Nisga'a Lava Bed Memorial Park ▪ Condition 34 – hunting, trapping, and fishing policy 	<p>The TCEMP includes measures to limit habitat disturbance, avoid human/wildlife encounters or conflict, maintain wildlife movement, and reclaim disturbed habitats upon completion of construction. The TCEMP includes a Wildlife Encounter Contingency Plan that outlines the procedures that will be implemented in the event wildlife, such as grizzly bear, or occupied site-specific habitat is detected during Project activities.</p>

1 2.3 Implementation Schedule

- 2 The HWCMP will be submitted to the BC EAO at least 90 days before the commencement of construction.
3 Project planning continues prior to the start of clearing and construction as per the latest Project schedule.
4 The Plan will be implemented throughout construction, and as described throughout the TCEMP.

5 2.4 Future Updates to the Human-Wildlife Conflict Management Plan

6 WCGT Ltd. is engaging on the detailed outline and the full content of the Plan. Once the Plan is submitted
7 to the BC EAO, future revisions could occur as a result of:

- 8 ▪ Engagement programs with Indigenous groups;
9 ▪ Additional information becoming available;
10 ▪ Changes to Project planning (e.g., engineering changes);
11 ▪ Commitments made during the regulatory review process; and
12 ▪ Regulatory permits and authorization conditions.

13 WCGT Ltd. will not inform Indigenous groups and RRAs when minor revisions are made to the Plan (i.e.,
14 small changes that would not affect the scope and objectives of the Plan).

- 1 Indigenous groups and RRAs will be provided an opportunity to review and provide comment on material
- 2 revisions to the Plan (i.e., changes to the scope or mitigation and monitoring requirements). A Document
- 3 History table listing version, date, and distribution will be provide in this document.

1 3. Engagement

2 The HWCMP is being developed through engagement with Indigenous groups, the BC Ministry of Forests,
3 Lands, Natural Resource Operations and Rural Development (BC MFLNRORD), and the BC Oil and Gas
4 Commission (BC OGC). The Plan will be provided to the BC EAO for review and comment at least 90 days
5 prior to construction.

6 Throughout the development of the detailed outline, WCGT Ltd. is engaging to ensure the Plan is
7 reflective of Indigenous interests and concerns, meets the intent of Certificate Condition 15, and aligns
8 with regulatory requirements as informed by RRA reviewers.

9 WCGT Ltd. is engaging on the content and approach outlined in this detailed outline. Through this review,
10 WCGT Ltd. wants to ensure a collaborative approach at this early stage and that the outline captures the
11 intent and expectation of the Certificate Condition, as well as interests and concerns raised by Indigenous
12 groups and RRAs. The information that WCGT Ltd. receives will inform the drafting of the full Plan. WCGT
13 Ltd. will document and track all comments and recommendations received, and provide a description on
14 how this information has been considered and incorporated into the Plan.

1 4. Regulatory Framework

2 The legislation, regulatory guidelines, best management practices, and policy documents that were used
3 to develop mitigation measures in the HWCMP and the TCMP are summarized in this section.

4 4.1 Indigenous Land Use Planning Documents

5 Indigenous Land Use planning documents provide strategic direction for resource management activities.
6 These plans provide direction for areas with general and specific resource values that are managed to
7 sustain environmental, social, economic, or cultural values.

8 Indigenous Land Use planning documents applicable to the Plan include:

- 9 ▪ Kitselas Land Use Plan
- 10 ▪ Metlakatla Land Use Plan
- 11 ▪ A Land Use Plan for Nisga'a Lands

12 4.2 Regional and Municipal Land Management Plans

13 Land and Resource Management Plans (LRMPs) and Sustainable Resource management Plans (SRMPs)
14 provide strategic direction for resource management activities. These documents provide guidance for
15 areas with general and specific resource values that are managed to sustain environmental, social, or
16 economic values.

17 Resource management planning documents applicable to the Plan include:

- 18 ▪ Dawson Creek LRMP
- 19 ▪ Fort St. John LRMP
- 20 ▪ Fort St. James LRMP
- 21 ▪ Mackenzie LRMP
- 22 ▪ Prince George LRMP
- 23 ▪ Vanderhoof LRMP
- 24 ▪ Bulkley SRMP
- 25 ▪ Central Coast LRMP
- 26 ▪ Cranberry LRMP
- 27 ▪ Kalum LRMP
- 28 ▪ Lakes District LRMP
- 29 ▪ Morice LRMP
- 30 ▪ Nass South SRMP
- 31 ▪ Nisga'a Memorial Lava Bed Park Master Plan
- 32 ▪ Moberly Woodland Caribou Plan
- 33 ▪ Scott Woodland Caribou Plan
- 34 ▪ Standardized Industry Management Practices

1 4.3 Provincial

2 This section of the HWCMP will summarize the following provincial Acts, regulations, and policies relevant
3 to human-wildlife interactions.

- 4 ▪ *BC Wildlife Act*
- 5 ▪ *BC Oil and Gas Activities Act*
- 6 ▪ *BC Motor Vehicle Act*
- 7 ▪ British Columbia's Policy for Mitigating Impacts on Environmental Values (BC MOE 2014a)
- 8 ▪ Compendium of Wildlife Guidelines for Industrial Development Projects in the North Area, British
9 Columbia (BC MFLNRO 2014a)
- 10 ▪ Best Management Practices for Amphibian and Reptile Salvages in British Columbia (BC MFLNRO
11 2016b)
- 12 ▪ Guidelines for Raptor Conservation during Urban and Rural Land Development in British Columbia
13 (BC MOE 2013)

14 4.4 Federal

15 This section of the HWCMP will address the following federal Acts and regulations relevant to human-
16 wildlife interactions.

- 17 ▪ *SARA*
- 18 ▪ *Migratory Birds Convention Act and Regulation*

19

20 5. Mitigation Program

21 The HWCMP will outline mitigation to be implemented to avoid or minimize human-wildlife conflict as a
22 result of construction and operations. Project planning and mitigation development will consider the
23 mitigation hierarchy of avoid, minimize, and restore-on-site as described in the Policy for Mitigating
24 Impacts on Environmental Values (BC MOE 2014a) and Procedures for Mitigating Impacts on
25 Environmental Values (BC MOE 2014b). Following this hierarchy, WCGT Ltd. will first implement measures
26 to avoid human-wildlife interactions where site conditions and construction constraints allow, then apply
27 appropriate measures to minimize and mitigate any human-wildlife conflicts and, finally, implement on-
28 site reclamation measures to further reduce the Project's residual effects. The mitigation measures will be
29 developed in accordance with information received through engagement with Indigenous groups as well
30 as WCGT Ltd. standards and industry and regulatory guidelines (Section 4).

31 The potential sources of direct Project-related wildlife mortality that the HWCMP will address are:

- 32 ▪ vehicle collisions with wildlife
- 33 ▪ waste handling
- 34 ▪ destruction or disturbance of occupied nests, dens, or amphibian breeding sites
- 35 ▪ entrapment in trenches
- 36 ▪ management of conflicts with black bears and grizzly bears
- 37 ▪ lethal intervention related to problem wildlife incidents or adverse human-wildlife encounters

38 5.1 Avoidance

39 Project planning considerations provided the opportunity to avoid or minimize wildlife mortalities during
40 the route selection process. The hierarchy of routing criteria in descending order of preference included
41 the following:

- 42 ▪ use existing clearings (i.e., shared workspace) to reduce the amount of new clearing and land
43 disturbance required
- 44 ▪ avoid or reduce length traversing environmentally sensitive areas such as parks, protected areas,
45 endangered or sensitive vegetation and wildlife habitat, and other environmentally sensitive areas,
46 where practical
- 47 ▪ use of existing access, to the extent feasible
- 48 ▪ avoid, to the extent practical, known locations that provide site-specific habitat for fish, wildlife, and
49 other sensitive areas
- 50 ▪ where routing and siting could not avoid areas with higher risk of human-wildlife conflict, scheduling
51 will be taken into consideration to minimize work within sensitive or restricted timing periods, where
52 feasible (subsection 5.2)

53 5.2 Minimize and Mitigate

54 The response to problem wildlife incidents or human-wildlife encounters depends on the behaviour
55 exhibited and the species involved. The appropriate response can range from minimal to no intervention
56 (i.e., the animal leaves the area immediately after the encounter) to extreme cases where the animal is
57 posing an ongoing safety threat through aggressive or unpredictable behaviour and the services of a
58 Conservation Officer are required. This subsection will provide mitigation to avoid or reduce the potential
59 for incidents.

Appendix A
Wildlife Sighting Reporting Form

Wildlife Sighting Information

Name of Observer: _____ Company: _____
 Date of Observation: _____ Time of Observation: _____
 Construction Section: _____
 Location Details (KP/KM, facility, road name): _____
 UTM Zone: _____ Easting: _____ Northing: _____

Wildlife Observation:

Species	
Observation Type (<i>i.e.</i> , visual, heard animal, observed sign such as tracks, scat, etc.)	
Age (adult, young, unknown)	
Sex (male, female, unknown)	
Number observed (include numbers of males/females if known)	
Habitat Description (<i>e.g.</i> , forested, grasslands, agriculture)	
Behaviour of Animal (describe what the animal was doing)	
Aggressive Behaviour (Yes or No; if yes describe)	
Additional Comments	

Name of Environmental Inspector Card Submitted to: _____

Date of Submission: _____