

# Eagle Mountain – Woodfibre Gas Pipeline Project

## Community Services and Infrastructure Management Plan

P-00763-REG-PLN-0009

Rev. 1

October 2022

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Prepared for:



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## 1           **Skwxwú7mesh Úxwumixw (Squamish Nation) Preamble**

2           The FortisBC Energy Inc. Eagle Mountain – Woodfibre Gas Pipeline intersects  
3           Skwxwú7mesh-ulh Temíxw (Squamish Territory), including Selíl'wit Stakw (Indian River),  
4           Sxwéxwel tl'a Mámxwem (Mamquam Valley), Skwelwí'lem (Squamish River Estuary), and the northwest  
5           side of Nexwnéwu7ts Átlk'a7tsem (Howe Sound).

6           The eastern portion of the Eagle Mountain – Woodfibre Gas Pipeline lies within the shared territory  
7           of Skwxwú7mesh Úxwumixw (Squamish Nation) and Selíl'wit-ulh (Tsleil-Waututh Nation).

8           The path of the Eagle Mountain – Woodfibre Gas Pipeline follows an ancient route used  
9           by Skwxwú7mesh stélmexw (Squamish People) for millennia which connects villages from Indian Arm to  
10           Skwxwú7mesh (Squamish).

11           The existing pipeline was established in an era where the Skwxwú7mesh Úxwumixw  
12           (Squamish Nation) was not consulted and had no legal recourse. Today, we are an independent  
13           environmental regulator on the Eagle Mountain – Woodfibre Gas Pipeline Project (the EGP Project) and  
14           are involved in key decision-making as per the Skwxwú7mesh Úxwumixw (Squamish Nation)  
15           Environmental Assessment Agreement. Through effective cooperation and negotiation  
16           Skwxwú7mesh Úxwumixw (Squamish Nation) ensures our unique environmental stewardship standards  
17           and economic benefits are realized.

18           Skwxwú7mesh Úxwumixw (Squamish Nation) maintains Aboriginal Rights and Title through the  
19           EGP Project area.

20           This Community Services and Infrastructure Management Plan is primarily written in English with  
21           important place names, species, phrases, and passages provided in  
22           Skwxwú7mesh Sníchim (the Squamish language) and English.

# 1 Table of Concordance

2 Table 0-1 describes how the Community Services and Infrastructure Management Plan (CSIMP) meets the  
 3 applicable British Columbia (BC) Environmental Assessment Certificate (EAC) Conditions.

**Table 0-1. Concordance with Environmental Assessment Certificate Condition 2, Plan Development, and Condition 22, Community Services and Infrastructure Management Plan**

EAC Condition	Section
<b><i>EAC Condition No. 2 – Plan Development</i></b>	
Where a Condition of this EAC requires the Holder to develop a plan, program, or similar documents, any such document must, at a minimum, include the following information: <ul style="list-style-type: none"> <li>▪ Purpose and objectives of the document</li> </ul>	Subsection 2.1
<ul style="list-style-type: none"> <li>▪ Roles and responsibilities of the Holder, project personnel, and Contractors</li> </ul>	Subsection 2.3
<ul style="list-style-type: none"> <li>▪ Names and if applicable, professional certifications and professional stamps/seals for those responsible for the preparation of the document</li> </ul>	Section 9
<ul style="list-style-type: none"> <li>▪ Schedule for implementing the document throughout the relevant project phases</li> </ul>	Subsection 2.4
<ul style="list-style-type: none"> <li>▪ The means by which the effectiveness of mitigation measures to be implemented under the applicable document are to be evaluated</li> </ul>	Subsection 6.2
<ul style="list-style-type: none"> <li>▪ Adaptive management to address effects of the project if those effects:               <ul style="list-style-type: none"> <li>– Are not mitigated to the extent contemplated in the Application</li> <li>– Are not predicted in the Application</li> </ul> </li> </ul>	Section 7
<ul style="list-style-type: none"> <li>▪ Schedules and methods for the submission of reporting to specific agencies, Aboriginal<sup>a</sup> Groups, and the public, and the required form and content of those reports</li> </ul>	Section 8
<ul style="list-style-type: none"> <li>▪ Process and timing for updating and revising the document, including any consultation with agencies and Aboriginal Groups that would occur in connection with such updates and revisions</li> </ul>	Subsection 2.5
<b><i>EAC Condition No. 22 – Community Services</i></b>	
The Holder must develop, in consultation with Aboriginal Groups, local governments and Regional Districts, and BC ENV, a plan to adaptively manage and monitor effects on services and infrastructure delivered by Provincial agencies, local governments, and Regional Districts.	Sections 6 and 7
The scope of the plan is for effects that are directly attributable to the project and related to construction. The plan must include the mitigation measures in the Application Table 25.3-1 under the heading “community utilities and services” and “community”. The plan must include specific actions to address the following:	Section 6
<ul style="list-style-type: none"> <li>▪ Communication with potentially affected Aboriginal Groups, local governments and Regional Districts, and BC ENV regarding project activities and actions</li> </ul>	Section 4
<ul style="list-style-type: none"> <li>▪ An approach for monitoring and reporting on the effectiveness of the mitigation measures set out in the plan</li> </ul>	Sections 6 and 8

**Table 0-1. Concordance with Environmental Assessment Certificate Condition 2, Plan Development, and Condition 22, Community Services and Infrastructure Management Plan**

EAC Condition	Section
The Holder must provide the plan to BC EAO no less than 60 days prior to the Holder’s planned date to commence construction. The Holder must not commence construction until the plan has been approved by BC EAO, unless otherwise authorized by BC EAO. Once approved, the Holder must also provide the approved plan to BC EAO, local governments and Regional Districts, BC ENV, and Aboriginal Groups within 30 days of being approved.	Subsection 2.4
The Holder must implement the plan to the satisfaction of BC EAO as of the commencement of construction until two years after the completion of construction, unless otherwise directed by BC EAO.	Subsection 2.4

<sup>a</sup> “Aboriginal” was used at the time of the EAC. “Indigenous” is now preferred.

Notes:

BC EAO = British Columbia Environmental Assessment Office

BC ENV = British Columbia Ministry of Environment and Climate Change Strategy

EGP Project = Eagle Mountain – Woodfibre Gas Pipeline Project

No. = number

- 1 In addition, Squamish Nation (Sk̓wx̓wú7mesh Úxwumixw) and FortisBC Energy Inc. (FortisBC) entered into
- 2 the Squamish Nation Environmental Assessment Agreement (SNEAA) outlining Squamish Nation
- 3 (Sk̓wx̓wú7mesh Úxwumixw) environmental Conditions of approval for the EGP Project. Subsection 4.5 of
- 4 the SNEAA identifies regulated and nonregulated plans. The CSIMP is considered nonregulated.

## 1 Definitions of Terms

Term	Definition
Adaptive management	Adaptive management is a cycle in which the effectiveness of mitigation measures is evaluated based on monitoring (Inexwantas) results and is adjusted, if needed, to achieve desired outcomes.
Community Table	Community Table is a collaborative, roundtable process designed to discuss issues, opportunities, and management strategies with Squamish (Skwxwú7mesh) area agencies and local service organizations. Participants include representatives from Indigenous nations, the District of Squamish, Vancouver Coastal Health, the Royal Canadian Mounted Police, community service organizations, and business organizations.
Construction	Construction is the phase of the EGP Project when physical alteration of land (Temíxw), vegetation, or any other aspect of the natural environment occurs. For the purposes of the CSIMP, construction does not include any activities conducted solely for investigative purposes under a valid permit or authorization. It does include upgrading, repairing, replacing, or removing any existing work or infrastructure.
Contingency plan	A contingency plan is a plan designed for response to an unplanned event or emergency.
EGP Project Footprint	The EGP Project Footprint refers to the land (Temíxw) area directly disturbed by the proposed EGP Project construction and clean-up activities, including associated physical works and activities (such as permanent right-of-way, temporary infrastructure sites, and temporary workspaces for construction).
EGP Project-specific impacts	EGP Project-specific impacts are impacts and issues that are within the care and control of FortisBC resulting from EGP Project activities.
Emergency	An emergency is a situation that calls for immediate and targeted action because it has resulted or may result in undue risk to the health and safety of personnel or the public; significant damage to equipment or property; significant damage to public property; damage to the environment; or financial or reputational risk to FortisBC.
Emergency services	Emergency response services include fire protection, policing, ambulance, and search and rescue.
Environmental Assessment Certificate	An EAC is a legally binding certificate issued by Ministers to the Proponent that sets out the EGP Project details, Conditions, and commitments, and may include periodic reporting requirements. An EAC is typically valid for 5 years from the date issued by the Ministers.

Term	Definition
EGP Project workforce accommodation	EGP Project workforce accommodations are accommodations or housing for EGP Project construction personnel. EGP Project workforce accommodations could include a TWA (a construction camp as described in the approved Certified Project Description), as well as rental housing or other temporary accommodation options, as determined through engagement, and approved, as required, by regulatory agencies.
Environmental Inspector	An Environmental Inspector is a member of the FortisBC Construction Inspection team responsible for implementing continuous and consistent compliance with the environmental protection commitments of the EGP Project. The Environmental Inspector works closely with the Contractor Environment team.
Environmental Alignment Sheet	An Environmental Alignment Sheet presents exact locations for environmental features and environmentally sensitive areas along the pipeline route.
Indigenous nations	Indigenous nations referenced in the CSIMP are Squamish Nation (Skwxwú7mesh Úxwumíxw), Tsleil-Waututh Nation, Musqueam Indian Band, and Kwikwetlem First Nation.
Local government	Local governments are municipalities and Regional Districts. In the context of the CSIMP, “local governments” refers to the Squamish-Lillooet Regional District, the District of Squamish, Metro Vancouver, and the City of Coquitlam.
Monitoring (Ínexwantas) indicators (as defined in the CSIMP)	Monitoring indicators are measurable indicators specific to one or more monitoring (Ínexwantas) topics related to community services and infrastructure. These include emergency, health, and social services; accommodations; recreational services; waste; and community quality of life related to the presence of temporary workers.
Qualified Professional	A Qualified Professional is a person who has training, experience, and expertise in a discipline relevant to the field of practice set out in the Condition, and who is registered with the appropriate professional organization in BC, is acting under that organization's code of ethics, and is subject to disciplinary action by that organization.
Stakeholders	Stakeholders are persons or organizations effected by or with interests in EGP Project activities, including local government, applicable regulatory agencies, local service providers, community service organizations, and business organizations.
Temporary infrastructure sites	Temporary infrastructure sites include temporary workforce accommodations, offices, and parking for EGP Project personnel and EGP Project material storage sites.
TWA	The TWA is a temporary construction camp as described in the approved Certified Project Description.

Note:

TWA = Temporary Workforce Accommodation



## 1 Squamish Nation Language Terms

English	Squamish Nation Language
<b>General Terms</b>	
Squamish Nation	Skwxwú7mesh Úxwumixw
Squamish language	Skwxwú7mesh Sníchim
Monitoring	Ínexwantas
Land, earth, dirt	Temíxw
Mountain	Smánit
Bones	Shusháw'
Discover	Télnexw
Hunting	Ch'áat'am
Water, river	Staḵw
Ocean, saltwater	Shḵwen'
<b>Locations</b>	
Britannia Beach	Shisháyu7ay
Darrell Bay	Kwtsá7tsutsin
Howe Sound	Nexwnéwu7ts Átlk'a7tsem
Port Mellon	K'ik'elxn
Squamish	Skwxwú7mesh
Vancouver	K'emk'emeláy
Historic Squamish Nation village located at Woodfibre Site	Swlýát
Stawamus	Stá7mes
Skwelwilem Wildlife Management Area	Skwelwílem
<b>Other Terms</b>	
Light	Tutáw
To be noisy	Lélpwxm
Sound	Kwémi7

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## 1 **Acronyms and Abbreviations**

2	AMP	Access Management Plan
3	BC	British Columbia
4	BC EAO	British Columbia Environmental Assessment Office
5	BC ENV	British Columbia Ministry of Environment and Climate Change Strategy
6	CEMP	Construction Environmental Management Plan
7	CSIMP	Community Services and Infrastructure Management Plan
8	EA	Environmental Assessment
9	EAC	Environmental Assessment Certificate
10	EGP Project	Eagle Mountain – Woodfibre Gas Pipeline Project
11	FortisBC	FortisBC Energy Inc.
12	FSE Working Group	FortisBC-Squamish Nation Environmental Working Group
13	LOA	Living Out Allowance
14	No.	number
15	RCMP	Royal Canadian Mounted Police
16	SNEAA	Squamish Nation Environmental Assessment Agreement
17	TCMP	Traffic Control Management Plan
18	TWA	Temporary Workforce Accommodation
19	WLNG	Woodfibre LNG Limited

## 1. Introduction

On August 9, 2016, FortisBC Energy Inc. (FortisBC) received an Environmental Assessment Certificate (EAC) Number (No.) E16-01 from the British Columbia (BC) Environmental Assessment Office (EAO) for the Eagle Mountain – Woodfibre Gas Pipeline Project (EGP Project). The EAC granted for the EGP Project is subject to 30 Conditions. The Community Services and Infrastructure Management Plan (CSIMP) has been developed to meet the requirements of BC EAO for EAC Condition No. 2 (Plan Development) and EAC Condition No. 22 (Community Services and Infrastructure).

In addition to the EAC, Squamish Nation (Sḵw̱x̱wú7mesh Úxwumixw) conducted an independent Environmental Assessment (EA), establishing the Squamish Nation Environmental Assessment Agreement (SNEAA) between FortisBC and Squamish Nation (Sḵw̱x̱wú7mesh Úxwumixw). The SNEAA provides Squamish Nation (Sḵw̱x̱wú7mesh Úxwumixw) Conditions applicable to FortisBC and describes the process by which the Squamish Nation (Sḵw̱x̱wú7mesh Úxwumixw) Conditions will be satisfied.

The CSIMP describes the plan to adaptively manage and monitor effects directly attributable to the EGP Project on services and infrastructure delivered by Provincial government agencies, local governments, and service providers, including Indigenous nation governmental departments and services.

The CSIMP should be read in conjunction with the Access Management Plan (AMP), Construction Environmental Management Plan (CEMP), Traffic Control Management Plan (TCMP), Environmental Alignment Sheets, and applicable regulatory approvals and permits.

The CSIMP presents EGP Project-related community services and infrastructure management measures and commitments to be addressed from the commencement of construction until 2 years after completion of construction.

The FortisBC-Squamish Nation Environmental Working Group (FSE Working Group), which operates under the terms of the SNEAA and is comprised of Squamish Nation (Sḵw̱x̱wú7mesh Úxwumixw) and FortisBC representatives, provided the Squamish Nation language (Sḵw̱x̱wú7mesh Sníchim) place names and wildlife (Sekw'ekw'inexw) species names to be included in the Condition Management Plans. Squamish Nation (Sḵw̱x̱wú7mesh Úxwumixw) terms appear when available in parenthesis following the English name throughout the body text of the CSIMP.

Downriver Halkomelem language (Key hən'qəmin'əm') terms exist, but have not been provided by Tsleil-Waututh Nation, and therefore are not included in the CSIMP.

For more information on the EGP Project, refer to the Certified Project Description provided in Schedule A of the EAC (BC EAO 2016). In addition, an EGP Project summary is provided in Section 1 of the CEMP.

### Anticipated EGP Project Workforce and Accommodation Strategy

In the EAC Application, the EGP Project workforce was estimated to be approximately 1,000 workers at the peak of construction. Current estimates of peak workforce are not anticipated to exceed 800 workers, including local and nonlocal workers.

Workforce estimates for the EGP Project will continue to be refined as planning progresses and are subject to change. It is anticipated that the workforce will fluctuate throughout the construction period, with peaks in workforce occurring in mid-2024 and mid-2025 (Figure 1-1).



## 2. Community Services and Infrastructure Management Plan Overview

The CSIMP has been developed to meet the requirements of the BC EAO for EAC Condition Nos. 2 and 22.

The scope of the CSIMP includes the following:

- Purpose and objectives, roles and responsibilities, implementation schedule, and future updates (this section [Section 2])
- A summary of parties consulted for the development of the CSIMP (Section 3)
- A description of the mitigation measures applicable to existing community services and infrastructure that are to be implemented during construction (Section 5)
- A description of the communication strategy with Indigenous nations, local governments, and other parties (Section 4)
- Information on how the effectiveness of mitigation measures will be monitored and evaluated (Section 6)
- FortisBC's adaptive management process (Section 7)
- An approach for reporting on the implementation of the CSIMP (Section 8)

The CSIMP has been developed to address potential EGP Project-related effects on community services and infrastructure during construction and 2 years post-construction. Potential effects related to community services and infrastructure identified during the Environmental and Socio-economic Assessment conducted as part of the EAC Application include the following:

- Increased demand on existing emergency, health care, and social services
- Increased use of recreational facilities
- Increased demand for short-term accommodations and upward pressure on housing costs
- An increase in waste
- Change in community quality of life during construction

Additional detail on potential effects and mitigation are included in Section 5 of the CSIMP.

### 2.1 Purpose and Objectives

The purpose of the CSIMP is to monitor and adaptively manage effects on local services and infrastructure that are directly attributable to the EGP Project and are within the care and control of FortisBC. The CSIMP outlines the process to verify that required mitigation is being implemented and working as planned from the commencement of construction until 2 years after the completion of construction, and to satisfy EAC Condition Nos. 2 and 22. The specific objectives of the CSIMP are to outline a process to accomplish the following:

- Support the implementation of mitigation commitments to manage the effects on community infrastructure and services by FortisBC or its construction Contractors, or both, during construction
- Identify if mitigation methods are effective at minimizing potential effects
- Identify and respond to unanticipated effects on community infrastructure and services during construction

- 1     ▪ Identify opportunities or a need to adapt or improve EGP Project-specific mitigation during  
2 construction
- 3     ▪ Share information with Indigenous nations and stakeholders regarding mitigation implementation and  
4 effectiveness during construction

5 Baseline data for community services and infrastructure can be found in the Economic, Social, and Health  
6 Technical Data Report of the EAC Application (Volume 2, Appendix 1M). The information points (or  
7 indicators) that will be monitored to evaluate the effectiveness of mitigation measures are described in  
8 Section 6 the CSIMP.

## 9     **2.2     Linkages to Other Plans**

10 The CSIMP will be implemented in association with other Condition Management Plans, and linkages are  
11 provided in Table 2-1.

**Table 2-1. Linkages to Other Plans**

Plan	Linkages to the CSIMP
AMP (EAC Condition No. 12)	The AMP will include discussions of permanent access roads, temporary access roads only needed during construction, and existing access road upgrades. Transportation infrastructure, including roads, can be considered an aspect of community infrastructure. However, transportation infrastructure and access management are not included in the CSIMP; they are addressed within the AMP. The CSIMP will be implemented in coordination with the AMP.
CEMP (EAC Condition No. 9)	The CEMP provides the overall EGP Project roles and responsibilities and contains general construction measures applicable to community services and infrastructure affected by the EGP Project. The CEMP includes information on the Emergency Preparedness and Response Plan, fire preparedness and mitigation in the event of a wildfire, and waste management, including avoiding environmentally sensitive features and the attraction of wildlife. The CEMP also includes the waste management plan requirements.
TCMP (EAC Condition No. 23)	Transportation infrastructure, including roads and traffic management, can be considered an aspect of community infrastructure and local services. However, transportation infrastructure and traffic management are not included in the CSIMP; they are addressed within the TCMP. The CSIMP will be implemented in coordination with the TCMP.

## 12     **2.3     Roles and Responsibilities**

13 This subsection outlines the roles and responsibilities for implementing the CSIMP (Table 2-2). The CEMP  
14 contains the details of the roles and responsibilities for the overall management of the EGP Project and  
15 should be referenced in conjunction with the CSIMP. Position titles may vary or change, but they will align  
16 with the role and responsibility described and intended.



**Table 2-2. FortisBC Eagle Mountain - Woodfibre Gas Pipeline Project**  
*Roles and Responsibilities Matrix for Community Services and Infrastructure Management Plan*

ROLES	Project Director	Project Manager	Construction Manager	Senior Manager Community & Indigenous Relations	Community Relations Liaison	Corporate Communications Advisor	Indigenous Relations Manager	Indigenous Relations Liaison	Environment Manager	Permitting and Compliance Manager	Regulatory Compliance Lead	Qualified Professional	Project Manager	Construction Superintendent	Indigenous & Public Relations Liaison	Indigenous Nation Representative
	FORTISBC												CONTRACTOR		INDIGENOUS	
<b>CONSTRUCTION</b>																
Implement site-specific mitigation measures		I	C	C	S	S	I		S	I		C	R	S	A	I
Complete communications with Indigenous nations, stakeholders, and the public	I	I		A	S	S	I	R	S	I	S		R	S	A	I
Mitigation compliance and effectiveness monitoring		I	I	A	R	S	I	R	I	I	S	C	R	D	A	S
Compliance monitoring (such as, audits and inspections)	I	I	I	A	R	S			I	R	S	C	R	D	A	I
<b>REPORTING</b>																
Submit the CSIMP to the BC EAO at least 60 days prior to construction	I	I		S	S	S	S	S	A	R	S		I			I
Collect quarterly data reports		I		I	R	S	S	S	I	A	S	S	A	S	R	I
Submit quarterly data reports	I	I		A	S	S	S	S	I	I	R		A	S	R	I
<b>POST-CONSTRUCTION</b>																
Post-construction monitoring and reporting 2 years after construction	C			A	S	S	S	S	I	I	R	S				C
Documentation of consultation, engagement, and communication records	I	I		S	S	S	S	S	I	A	R		S	S	R	C
<b>LEGEND</b>																
<b>A</b> Accountable	Has final decision-making authority and accountability															
<b>D</b> Directs	Directs work															
<b>R</b> Responsible	Assigned to complete the tasks															
<b>S</b> Support	Provides support during implementation															
<b>C</b> Consulted	Consulted and provides input before a decision or action is made or completed															
<b>I</b> Informed	Must be informed after a decision or action is made or completed															

## 1    **2.4    Implementation Schedule**

2    The CSIMP must be submitted to the BC EAO at least 60 days before the commencement of construction.

3    Subsection 1.3.6 of the EAC Application provides information on the phases of the EGP Project. Table 2-3  
 4    provides the schedule for implementing the CSIMP during each relevant EGP Project phase. Construction  
 5    notifications will occur 1 month prior to the commencement of construction, with other mitigation  
 6    measures to be implemented throughout the construction phase. Mitigation effectiveness monitoring  
 7    (Ínexwantas) will occur throughout the construction phase and for 2 years after the completion of  
 8    construction.

9    Construction is anticipated to commence in Q1 2023 and continue until Q3 2026 (Table 2-3). The  
 10    estimated construction schedule is subject to change. In accordance with EAC Condition No. 22, FortisBC  
 11    will implement the CSIMP, to the satisfaction of BC EAO, from the commencement of construction until 2  
 12    years after the completion of construction.

**Table 2-3. Estimated Construction Schedule**

Project Phase	Estimated Timing
Planning	Present to Q4 2023
Construction	Q1 2023 to Q3 2026
Post-construction monitoring (Ínexwantas)	2 years after the completion of construction

Notes: Construction schedule is subject to change.

Q = quarter

## 13    **2.5    Future Updates to the Community Services and Infrastructure Management Plan**

14    Revisions to the CSIMP may occur from additional information becoming available and from consultation  
 15    and engagement with Indigenous nations, local government, and BC Ministry of Environment and Climate  
 16    Change Strategy (ENV).

17    FortisBC will consult with BC EAO to establish if required updates to the CSIMP are considered material  
 18    revisions as determined by BC EAO. FortisBC will notify Sk̓w̓x̓w̓ú7mesh Úxwumixw, Tsleil-Waututh Nation,  
 19    Musqueam Indian Band, Kwikwetlem First Nation, local governments (District of Squamish, Squamish-  
 20    Lillooet Regional District, City of Coquitlam, and Metro Vancouver), and BC ENV of material revisions and  
 21    provide an opportunity to review.

22    The consultation and engagement period will depend on the nature of the revision, and the relative  
 23    interests of applicable regulatory agencies, and of the rights and relative interests of potentially affected  
 24    Indigenous nations, as determined by BC EAO. Squamish Nation (Sk̓w̓x̓w̓ú7mesh Úxwumixw) will be given  
 25    the opportunity to review and approve material revisions, as per the SNEAA.

26    The Document History and Status table, included at the beginning of the CSIMP, will be updated in  
 27    accordance with any future updates and will list the document version, date, and distribution.

## 1    2.6    Collaboration with Woodfibre LNG Limited Project

2    The EGP Project will transport natural gas to the planned Woodfibre LNG Limited (WLNG) Project. The  
3    WLNG Project will be constructed by WLNG and their Contractors. As part of the WLNG Project, WLNG has  
4    developed its own CSIMP, as required by the Conditions in the WLNG EAC (No. 15-02). Points identified in  
5    the WLNG CSIMP include the following:

- 6    ▪    WLNG anticipates up to 700 workers (maximum at any given time) between 2023 and 2026. The  
7        number of workers will vary based on the construction schedule.
- 8    ▪    WLNG is committed to maximizing the use of local and regional workers when feasible.
- 9    ▪    WLNG is proposing to use a TWA in the form of a floatel (pending the approval of an EAC Amendment  
10       3 by WLNG) at the WLNG facility site to mitigate pressure on community services and infrastructure,  
11       such as housing.

12    FortisBC acknowledges that Indigenous nations, stakeholders, and local governments have a particular  
13    interest in considering the combined effects from both the WLNG Project and the EGP Project on  
14    infrastructure and community services, specifically during construction. FortisBC and WLNG are  
15    responsible for mitigating the community service and infrastructure effects related to their respective  
16    projects. FortisBC has collaborated with WLNG during the development of the CSIMP to consider the  
17    combined effects of both the WLNG Project and EGP Project on community services and infrastructure  
18    when developing its mitigation measures in this plan.

### 3. Consultation and Engagement

The CSIMP was developed in consultation with Squamish Nation (Skwxwú7mesh Úxwumixw), Tsleil-Waututh Nation, Musqueam Indian Band, Kwikwetlem First Nation, local governments, and BC ENV. The CSIMP will be provided to those groups at least 60 days prior to the planned commencement of construction.

Consultation approaches have included the following:

- Sharing information about the EGP Project
- Distributing copies of early and final drafts of the CSIMP for review and comment
- Meeting to discuss topics related to CSIMP development and implementation
- Discussing mitigation measures, monitoring (Inexwantas), and adaptive management approaches

Feedback received through consultation and engagement has been incorporated into the development of the CSIMP.

Table 3-1 provides information on engagement for the CSIMP, including the dates for opportunities to review early drafts and dates for Community Table sessions. FortisBC will continue engagement with the Community Table during construction to discuss issues, opportunities, and management strategies related to the EGP Project.

**Table 3-1. Consultation and Engagement for the Community Services and Infrastructure Management Plan**

Method of Engagement	Reviewer	Date of Engagement or Receipt of Draft CSIMP
Community Table 1	Community Table participants (representatives from the District of Squamish, Indigenous nations, Vancouver Coastal Health, the RCMP, community service organizations, and business organizations)	October 22, 2019
Community Table 2	Community Table participants	November 26, 2020
Review of detailed CSIMP outline	Squamish Nation (Skwxwú7mesh Úxwumixw) and Tsleil-Waututh Nation	July 5, 2021
	City of Coquitlam	August 6, 2021
	Squamish-Lillooet Regional District	August 17, 2021
	District of Squamish	August 26, 2021
	Metro Vancouver	September 7, 2021
Review of 100% draft	Squamish Nation (Skwxwú7mesh Úxwumixw), Tsleil-Waututh Nation, Musqueam Indian Band, Kwikwetlem First Nation, and BC ENV	February 3, 2022
	District of Squamish, Squamish-Lillooet Regional District, City of Coquitlam, and Metro Vancouver	February 7–8, 2022
Community Table 3	Community Table participants	February 7, 2022

**Table 3-1. Consultation and Engagement for the Community Services and Infrastructure Management Plan**

Method of Engagement	Reviewer	Date of Engagement or Receipt of Draft CSIMP
Review of Rev. 0	Squamish Nation (Skwxwú7mesh Úxwumíxw), Tsleil-Waututh Nation, Musqueam Indian Band, and Kwikwetlem First Nation	May 16, 2022
	BC EAO and BC ENV	May 16, 2022
	District of Squamish, City of Coquitlam, Squamish-Lillooet Regional District, and Metro Vancouver	May 16, 2022
Community Table 4	Community Table participants	June 24, 2022

- 1 Note:
- 2 RCMP = Royal Canadian Mounted Police
- 3 Records of consultation have been maintained and will be provided to the BC EAO and the consulted party, as
- 4 warranted, in accordance with EAC Condition No. 3. Indigenous consultation records will be managed in
- 5 accordance with EAC Condition No. 24.

## 1    **4.    Communication Strategy**

2    This section was developed in compliance with EAC Condition No. 22 and outlines the specific actions that  
3    FortisBC will undertake to communicate with potentially affected Indigenous nations, local governments,  
4    and BC ENV regarding EGP Project activities and actions.

### 5    **4.1    Communication Methods with Indigenous Nations, Local Governments, and** 6    **Other Parties**

7    Prior to construction, FortisBC will communicate with Indigenous nations, local governments, and key  
8    service providers, as necessary. Communication topics will include sharing timely information regarding  
9    construction activities and timing, workforce estimates, the TWA, permitting, and site-specific plans.  
10    Groups that will be a focus of this communication include the following:

- 11    ▪ Local governments and Indigenous nations
- 12    ▪ Local emergency service providers, fire departments, RCMP detachments, health care providers, and  
13    social service providers
- 14    ▪ Local recreational organizations
- 15    ▪ Hotel associations, commercial accommodation providers, and Chambers of Commerce
- 16    ▪ Local landfill, transfer station, and wastewater treatment operators

17    FortisBC will develop communication protocols with the District of Squamish, the City of Coquitlam, and  
18    Squamish Nation (Sk̓wx̓wú7mesh Úxwumixw) to provide regular EGP Project updates, prepare for permit  
19    requirements, and support construction communication.

20    Squamish Nation (Sk̓wx̓wú7mesh Úxwumixw) will conduct community outreach using appropriate  
21    communication channels, and FortisBC will collaborate with the Squamish Nation (Sk̓wx̓wú7mesh  
22    Úxwumixw) Communications Department to support this community outreach.

23    In addition, ongoing Community Table sessions will continue to be held during construction with District of  
24    Squamish area agencies, Indigenous nations, and service organizations to share EGP Project updates and  
25    discuss EGP Project issues, opportunities, and adaptive management strategies.

26    Feedback received regarding community services and infrastructure impacts during construction phase  
27    communications with local governments, services providers, and Indigenous nations will be incorporated  
28    into quarterly CSIMP reports, as applicable. Quarterly reports related to the implementation of the  
29    monitoring (Ínexwantas) aspects of the CSIMP will provide information collected on the community and  
30    infrastructure indicators. The reports will be shared with applicable regulatory agencies and Indigenous  
31    nations. Refer to Section 6 for additional information on monitoring (Ínexwantas) and Section 8 for  
32    additional information on reporting.

### 33    **4.2    Public Communication Methods**

34    FortisBC will develop a Public Engagement Plan to keep the public informed of EGP Project activities and  
35    to provide the opportunity for input.

36    Information will be available to interested members of the public through regular updates, including  
37    construction updates, on the EGP Project website. A toll-free phone line, EGP Project public email, email  
38    subscriptions, digital newsletters, and social media updates will also be available to support public

- 1 communication. Public feedback and inquiries received through these avenues will be responded to in a  
 2 timely manner.
- 3 Once the EGP Project is operational, FortisBC will continue to respond to EGP Project-related issues raised by  
 4 Indigenous nations and stakeholders through its website, general FortisBC toll-free phone line, and email.
- 5 A summary of EGP Project-related communication methods and communication timing is presented in  
 6 Table 4-1.

**Table 4-1. Communication Methods and Timing**

Method	Description	Timing
Meetings	Meetings will facilitate virtual and in-person communication between FortisBC and Indigenous nations and local governments and allow FortisBC to provide EGP Project information, receive feedback, and respond to questions.	<ul style="list-style-type: none"> <li>▪ Prior to the commencement of construction</li> <li>▪ Construction</li> </ul>
Squamish Nation (Skwxwú7mesh Úxwumixw) communication channels	FortisBC will provide updates to Squamish Nation (Skwxwú7mesh Úxwumixw) for inclusion in their community newsletters, website, social media, and other communication channels, per the Squamish Nation Communications Protocol.	<ul style="list-style-type: none"> <li>▪ Prior to the commencement of construction</li> <li>▪ Construction</li> <li>▪ Post-construction (2 years)</li> </ul>
Community Table sessions	Community Table sessions will involve a collaborative roundtable process allowing Indigenous nations, District of Squamish area agencies, and service organizations to receive and share information on issues, opportunities, and management strategies.	<ul style="list-style-type: none"> <li>▪ Prior to the commencement of construction</li> <li>▪ Construction (scheduled according to needs and availability of community participants)</li> </ul>
Phone calls	FortisBC will directly communicate with Indigenous nations and local governments to provide EGP Project information, receive feedback, and respond to questions.	<ul style="list-style-type: none"> <li>▪ Prior to the commencement of construction</li> <li>▪ Construction</li> </ul>
CSIMP quarterly reports	CSIMP indicator data will be compiled and reported quarterly. The reports will be shared with applicable regulatory agencies, Indigenous nations, and local governments.	<ul style="list-style-type: none"> <li>▪ Construction</li> </ul>
Website	FortisBC's Talking Energy webpage (FortisBC 2022b) will have a section dedicated to the EGP Project that will include a map of the route, active and upcoming construction areas, and background information on the EGP Project.	<ul style="list-style-type: none"> <li>▪ Prior to the commencement of construction</li> <li>▪ Construction</li> <li>▪ Post-construction (5 years)</li> </ul>

**Table 4-1. Communication Methods and Timing**

Method	Description	Timing
Toll-free phone line	FortisBC has a toll-free number (855-380-5784). Calls will receive a timely response from a FortisBC representative.	<ul style="list-style-type: none"> <li>▪ Prior to the commencement of construction</li> <li>▪ Construction</li> <li>▪ Post-construction (2 years)</li> </ul>
Email	FortisBC has an email address that is regularly monitored ( <a href="mailto:egp@fortisbc.com">egp@fortisbc.com</a> ). Emails will receive a timely response from a FortisBC representative.	<ul style="list-style-type: none"> <li>▪ Prior to the commencement of construction</li> <li>▪ Construction</li> <li>▪ Post-construction (2 years)</li> </ul>
Email subscriptions and digital newsletters	FortisBC's Talking Energy email bulletin provides EGP Project updates and FortisBC-related announcements.	<ul style="list-style-type: none"> <li>▪ Prior to the commencement of construction</li> <li>▪ Construction</li> </ul>
Social media	FortisBC will use social media, including Twitter (@FortisBC) and Facebook, to communicate EGP Project updates.	<ul style="list-style-type: none"> <li>▪ Prior to the commencement of construction</li> <li>▪ Construction</li> </ul>
Local newspapers	FortisBC will communicate EGP Project updates in local newspapers (such as the <i>Squamish Chief</i> ).	<ul style="list-style-type: none"> <li>▪ Prior to the commencement of construction</li> <li>▪ Construction</li> </ul>
Notification letters	Letters will provide EGP Project information and a summary of the specific construction work.	<ul style="list-style-type: none"> <li>▪ Prior to the commencement of construction</li> <li>▪ Construction</li> </ul>



## 1 **5. Mitigation Program**

### 2 **5.1 Mitigation Hierarchy**

3 The mitigation program was developed in compliance with EAC Condition Nos. 2 and 22. In preparing the  
4 mitigation program, FortisBC first considered measures to avoid or prevent EGP Project effects, then  
5 considered appropriate measures to reduce and mitigate potential effects on community infrastructure,  
6 services, and quality of life.

### 7 **5.2 Key Mitigation Approaches**

8 Indigenous nations, stakeholders, and local governments raised the following concerns with FortisBC:

- 9 ▪ Potential impacts to community services and infrastructure resulting from a temporary influx of  
10 temporary workers in the District of Squamish community
- 11 ▪ Cumulative housing and community pressures due to the WLNG and EGP Project timelines coinciding,  
12 including upward pressure on Squamish (Skwxwú7mesh) area housing costs resulting from increased  
13 demand for local accommodation
- 14 ▪ Decreased availability of commercial accommodation for the tourism sector in the District of  
15 Squamish
- 16 ▪ Worker conduct and corporate culture within the community and on-site for the EGP Project
- 17 ▪ Disproportionate effects on distinct subgroups of the community

18 Mitigation approaches to prevent and reduce potential adverse interactions are discussed in the following  
19 subsections.

#### 20 **5.2.1 Communication to Support Community Readiness**

21 Section 4 of the CSIMP provides details on specific communication actions. These communications, which  
22 provide EGP Project and workforce information, support community readiness and decision-making for  
23 community infrastructure and service providers in host communities.

#### 24 **5.2.2 Worker Code of Conduct**

25 Promoting and enforcing positive conduct and behaviour of EGP Project workers is a key aspect of limiting  
26 the potential for adverse interactions between the EGP Project and local service providers (such as  
27 emergency services and health services). FortisBC sets a high standard of conduct across its organization,  
28 which extends to the EGP Project and its Contractors, Consultants, and representatives. All EGP Project  
29 workers are ambassadors of the EGP Project and will be expected to act appropriately during and outside  
30 of work hours.

31 Contractors hired by FortisBC during the construction phase shall have a Worker Code of Conduct for their  
32 employees and subcontracted individuals related to their work on the EGP Project. Each Contractor's  
33 Worker Code of Conduct must meet or exceed the requirements of the EGP Project Worker Code of  
34 Conduct and referenced FortisBC policies.

35 FortisBC employees and EGP Project workers will be required to follow the policies provided in Table 5-1.

**Table 5-1. FortisBC Energy Inc. Policies**

Policy or Document	Purpose and Rationale
EGP Project Worker Code of Conduct	The EGP Project Worker Code of Conduct is a key strategy for ensuring that Contractors and all workers are aligned with EGP Project conduct expectations. The EGP Project Worker Code of Conduct will outline expectations and requirements regarding worker conduct for people engaged in work activity during construction of the EGP Project, including FortisBC direct employees, and employees and Subcontractors of companies contracted by FortisBC. The EGP Project Worker Code of Conduct will apply to all EGP Project personnel, including workers staying in the TWA and in the local communities. Based on foundational principles of the company-wide FortisBC <i>Code of Conduct</i> (FortisBC 2022a), the EGP Project Worker Code of Conduct will outline expectations for compliance with the law; health, safety, and environment; drug and alcohol use; respectful behaviour; and after-hours conduct.
FortisBC Fit for Duty Policy	The FortisBC Fit for Duty Policy is designed to provide a safe working environment by ensuring that temporary workers arrive fit for duty.
FortisBC “Safety and Environmental Policy” (FortisBC n.d.b.)	The FortisBC “Safety and Environmental Policy” is a policy for employee, public, and environmental health and safety in FortisBC operations.
FortisBC “Statement of Indigenous Principles” (FortisBC n.d.a.)	The FortisBC “Statement of Indigenous Principles” is designed to build effective relationships with Indigenous nations so that FortisBC has the structure, resources, and skills necessary to maintain those relationships. This document underpins a culture of respect, awareness, and understanding of Indigenous perspectives within the workforce and communities where FortisBC operates.

1 **5.2.3 Cultural Awareness Training**

2 The EGP Project will engage with Indigenous nations to develop cultural awareness training, which will be  
3 attended by all EGP Project construction personnel during onboarding.

4 **5.2.4 Temporary Workforce Accommodation**

5 Given the existing housing constraints in the Squamish (Skwxwú7mesh) area and concerns raised about  
6 combined impacts due to the WLNG and EGP Project timelines coinciding, a full-service TWA (or lodge) will  
7 reduce EGP Project-related demand on local accommodations, services, and infrastructure.

8 The TWA will endeavor to use existing electrical services, potable water, and wastewater facilities, if available.  
9 If existing electrical services, water, and wastewater facilities cannot be used, FortisBC will develop a  
10 self-contained servicing system. The TWA will be designed to house approximately 600 workers and will  
11 include dorm rooms, full dining and food preparation facilities, appropriately scaled health and medical  
12 services, and recreational and leisure facilities.

13 The following subsection provides an overview of additional management strategies that FortisBC is  
14 implementing to mitigate potential effects on the community while supporting worker health and  
15 well-being.

**1 5.2.4.1 Temporary Workforce Accommodation Management Strategies**

2 FortisBC is aware of recent studies and public discussions about the vulnerabilities of Indigenous  
 3 communities, and Indigenous women and girls (such as the National Inquiry into Missing and Murdered  
 4 Indigenous Women and Girls [MMIWG 2019]). FortisBC also understands the possibility of issues related to  
 5 temporary worker isolation, lack of support or connection, and lack of cultural sensitivity and awareness that  
 6 may contribute to the potential for adverse community interactions and affect community services.

7 Specific TWA operational details are targeted at minimizing the potential for adverse social interactions of  
 8 temporary workers with nearby communities. Overall, FortisBC understands the importance of ensuring that  
 9 the presence of the TWA and the temporary workforce is managed, and potential related social effects are  
 10 reduced.

11 The TWA will include several operational and management strategies to proactively prevent, reduce, and  
 12 manage EGP Project-related effects on community services, infrastructure, and quality of life, including  
 13 promoting community safety for Indigenous women and girls. These management strategies are  
 14 summarized in Table 5-2.

**Table 5-2. Temporary Workforce Accommodation Management Strategies**

Management Strategy	Purpose and Rationale
Appropriately scaled health and medical services, including programming to support worker mental health, sexual health, and well-being <sup>a</sup>	<ul style="list-style-type: none"> <li>▪ To support the health and well-being of temporary workers</li> <li>▪ To limit pressure on local healthcare and medical services</li> <li>▪ To limit the potential for adverse interactions by temporary workers within the community when off-duty</li> </ul>
Culturally appropriate support services <sup>b</sup>	To support the health and well-being of Indigenous workers residing in the TWA
Site-specific waste management plan (developed in accordance with the specifications outlined in the CEMP, as per EAC Condition No. 9)	To outline plans to reduce and manage solid, liquid, and hazardous waste associated with the TWA
Recreational and leisure facilities (such as, workout room, games room, and entertainment and television lounge) for the TWA	<ul style="list-style-type: none"> <li>▪ To support the health and well-being of temporary workers</li> <li>▪ To limit pressure on local recreational facilities</li> </ul>
Social programming <sup>a</sup>	To provide TWA guests the opportunity for leisure, social interaction, and social connection during off-duty times
Cultural awareness programming <sup>a,b</sup> (developed through engagement with the TWA Contractor and Indigenous nations)	<ul style="list-style-type: none"> <li>▪ To provide EGP Project personnel staying or working within the TWA information on cultures, values, and sensitivities of the Indigenous communities on whose Traditional Territory the TWA is located</li> <li>▪ To promote and support a safe and inclusive living environment</li> <li>▪ To align the TWA with the EGP Project Cultural Awareness training delivered to all EGP Project workers during onboarding (subsection 4.2.3)</li> </ul>
Wireless network coverage and cell service	To allow temporary workers to maintain family and social connections

**Table 5-2. Temporary Workforce Accommodation Management Strategies**

Management Strategy	Purpose and Rationale
On-site security <sup>a</sup>	<ul style="list-style-type: none"> <li>▪ To provide a safe and secure living environment</li> <li>▪ To limit security and policing interactions within the local community</li> </ul>
TWA rules <sup>a</sup>	To provide TWA guests with a clear understanding of the conduct expectations while residing in TWA, including those related to drugs and alcohol; violence and harassment; speed limits; firearms and weapons; and respectful behaviour, inclusion, and diversity
Confidential reporting line for the TWA <sup>a</sup>	To provide a process for security, conduct, or service issues within the TWA to be reported and addressed
Community orientation information <sup>a,b</sup>	<ul style="list-style-type: none"> <li>▪ To encourage desirable workforce engagement with the surrounding community and businesses</li> <li>▪ To provide TWA residents with information about the local context, amenities, and businesses</li> </ul>

<sup>a</sup> These management strategies were developed to mitigate potential disproportionate effects on distinct subgroups of the community, including Indigenous women and girls. Specific management strategies may be added or updated in consultation with Indigenous nations, as appropriate.

<sup>b</sup> These management strategies were developed in partnership with Indigenous nations.

- 1 FortisBC is developing a Temporary Workforce Accommodation Strategy that will include these measures.
- 2 The Temporary Workforce Accommodation Strategy is a living document that will be periodically updated
- 3 in consultation with local governments and Indigenous nations independently of the CSIMP.

#### 4 **5.2.5 Security Protocols**

5 The Contractor is responsible for developing an adequate Security Plan in accordance with the  
 6 requirements outlined in FortisBC's EGP Security Management Plan. A combination of administrative (such  
 7 as specific plans and procedures), physical (such as fencing, barriers, and safe storage) and technical (such  
 8 as monitoring [Inxwantas] and detection) controls are to be documented and used throughout  
 9 construction. Security planning will include coordination with FortisBC, the RCMP, and local police  
 10 services.

#### 11 **5.2.6 Terms of Reference with Municipalities**

12 FortisBC will work with the District of Squamish and the City of Coquitlam to develop Terms of Reference,  
 13 which will set guidelines and expectations for ensuring the objectives of the respective municipality and  
 14 FortisBC regarding the preparation and construction of the EGP Project within the boundaries of each  
 15 municipality are addressed.

#### 16 **5.2.7 Ongoing Community Feedback During Construction**

17 FortisBC will maintain regular communication with Indigenous nations, stakeholders, and the public  
 18 throughout construction to collect feedback and address concerns related to EGP Project activities and  
 19 potential effects on community services and infrastructure.

1 Community Table sessions with District of Squamish area agencies, Indigenous nations, and service  
2 organizations will continue throughout construction, allowing all parties to receive and share information  
3 on EGP Project issues, opportunities, and management strategies.

#### 4 **5.3 Management Objectives and Mitigation Measures**

5 Table 5-3 presents the management objectives and mitigation measures that will be implemented to  
6 avoid, reduce, or control the EGP Project's potential adverse effects on community services and  
7 infrastructure. New mitigation measures have been added to further augment management objectives.  
8 These new measures include the development of a Worker Code of Conduct and construction of the TWA.  
9 Contractors will be required to implement the mitigation measures and will be required by FortisBC to  
10 collect and provide community services and infrastructure monitoring data.

11 Section 6 of the CSIMP provides FortisBC's approach to monitoring (Inexwantas) the implementation and  
12 effectiveness of mitigation measures.

13 Section 7 of the CSIMP provides adaptive management approaches should corrective measures be  
14 needed.

**Table 5-3. Summary of Community Services and Infrastructure Mitigation Measures**

Service or Infrastructure Aspect	Management Objectives	Mitigation Measures	Project Phase for Implementation
Emergency services, health care services, and social services	<ul style="list-style-type: none"> <li>▪ Limit demand on existing emergency services, health care services, and social services to greatest extent practicable.</li> <li>▪ Make service providers aware of the scale and timing of the anticipated EGP Project workforce for planning purposes.</li> <li>▪ Provide adequately scaled worksite emergency and health care services for the EGP Project workforce.</li> <li>▪ Promote an EGP Project culture of appropriate and respectful workforce conduct and workforce wellness.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Communicate with RCMP, police, and emergency services personnel in the vicinity of the EGP Project Footprint to keep these organizations informed of traffic schedules and enlist their services as needed [R-149].</li> <li>▪ Communicate the construction schedule with community representatives to determine potential capacity issues regarding social services [NR-228].</li> <li>▪ Communicate with local RCMP and emergency services personnel prior to and during EGP Project construction to inform local businesses and residents of changes in access and construction-related vehicle traffic [NR-314].</li> <li>▪ Communicate the Emergency Contact information (Appendix A of the CEMP) so that EGP Project personnel are aware [R-6].</li> <li>▪ Provide the Contractor Project Manager with contact information for local and regional social service providers [NR-229].</li> <li>▪ Employ the necessary number of trained and qualified persons to provide sufficient medical coverage based on the work being performed at each of the respective sites in accordance with WorkSafeBC regulations. These numbers will be determined based on the WorkSafeBC first aid assessment procedures [NR-223].</li> <li>▪ Adhere to WorkSafe BC standards in the Project Footprint [NR-224].</li> <li>▪ Implement the FortisBC Fit for Duty Policy to restrict temporary workers to distributing, possessing, consuming, or using alcohol, cannabis, or illegal drugs on the EGP Project, or in any vehicle or any other piece of equipment used for the EGP Project [NR-276].</li> <li>▪ Develop an EGP Project Worker Code of Conduct outlining expectations of appropriate worker conduct on- and off-duty [NR-318].</li> </ul>	Planning and construction

**Table 5-3. Summary of Community Services and Infrastructure Mitigation Measures**

Service or Infrastructure Aspect	Management Objectives	Mitigation Measures	Project Phase for Implementation
Emergency services, health care services, and social services (cont'd)	See above	<ul style="list-style-type: none"> <li>▪ Implement the Contractor Emergency Preparedness and Response Plan as outlined in Section 8.8 of the CEMP.</li> <li>▪ Work with the District of Squamish and the City of Coquitlam to develop Terms of Reference agreements to set out guidelines and expectations to ensure both the respective municipality and FortisBC objectives and concerns are addressed regarding the preparation and construction of the EGP Project.</li> </ul>	See above
Recreational facilities	<ul style="list-style-type: none"> <li>▪ Balance minimizing the potential for adverse pressure on recreational facilities with providing opportunities for service providers who may desire increased business.</li> <li>▪ Make service providers aware of the scale and timing of the anticipated EGP Project workforce for planning purposes.</li> </ul>	TWA will have modern recreational facilities commensurate with the size and planned duration of the TWA, which may include equipped workout room and games and entertainment area [NR-316].	Construction
Accommodations	Balance minimizing adverse impacts on local accommodation providers with providing positive opportunities for local businesses.	<ul style="list-style-type: none"> <li>▪ Communicate the construction schedule to local operators of hotels, motels, or other temporary accommodations as provided by community-based Chambers of Commerce or local governments [NR-226].</li> <li>▪ Communicate with community representatives to assess the current housing availability and options for hosting workers and their families [NR-227].</li> <li>▪ Continue to refine EGP Project workforce estimates, construction schedules, and construction hub locations to allow the community and the Contractor to plan for direct EGP Project accommodation needs [NR-328].</li> </ul>	Planning and construction

**Table 5-3. Summary of Community Services and Infrastructure Mitigation Measures**

Service or Infrastructure Aspect	Management Objectives	Mitigation Measures	Project Phase for Implementation
Accommodations (cont'd)	See above	<ul style="list-style-type: none"> <li>▪ Transport workers to and from the EGP Project by multi-passenger vehicles to the extent practical. Pick-up and drop-off workers at marshalling areas to limit traffic volumes and the potential for vehicle/wildlife interactions [R-153].</li> <li>▪ Construct a TWA to reduce EGP Project-related use of local accommodation [NR-317].</li> </ul>	Planning and construction
Waste management	Work with local and regional service providers regarding waste management plans.	<ul style="list-style-type: none"> <li>▪ Avoid or manage known areas of contaminated soil, sediments, and groundwater as directed by the Environmental Inspector. Implement the Spill, Fuel, and Hazardous Materials Contingency Plan if contaminated soil, sediments, and groundwater are discovered during construction. Comply with applicable measures provided in the Waste Management Plan and Spill, Fuel, and Hazardous Materials Contingency Plan for handling of contaminated material [NR-480].</li> <li>▪ Transport, handle, use, and dispose of hazardous materials in accordance with Provincial and Federal regulatory requirements, and as identified in the Waste Management Plan (CEMP Section 8) and the Spill, Fuel, and Hazardous Materials Contingency Plan (CEMP Section 9) [R-120].</li> <li>▪ Collect construction garbage, food, industrial waste, and debris on a daily basis, and dispose of waste at an appropriate facility to avoid the attraction of wildlife and to reduce odours. Each construction site will be equipped with adequate garbage receptacles (that is, at least one per crew or work area) for solid nonhazardous waste and debris [R-141].</li> <li>▪ Prohibit the installation of waste collection receptacles or portable toilets within 50 metres of environmentally sensitive features, where practical (such as, near rare plants or ecological communities of concern, sensitive wildlife habitat, or immediately adjacent to watercourses and wetlands) [R-143].</li> </ul>	Construction



**Table 5-3. Summary of Community Services and Infrastructure Mitigation Measures**

Service or Infrastructure Aspect	Management Objectives	Mitigation Measures	Project Phase for Implementation
Community quality of life	<ul style="list-style-type: none"> <li>▪ Make service providers aware of the scale and timing of the anticipated EGP Project workforce for planning purposes.</li> <li>▪ Promote an EGP Project culture of appropriate and respectful workforce conduct and workforce wellness.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Notify local governments of the anticipated pipeline routing and construction schedules a minimum of 1 month prior to commencement of construction [R-1144].</li> <li>▪ Notify Indigenous nations identified in FortisBC's Indigenous Consultation Plan, trappers, guides and outfitters, landowners and lessees, tenure holders, as well as recreational organizations a minimum of one month prior to commencement of each stage of the EGP Project (i.e., construction and operations) and when there is the potential to significantly restrict access until construction of the EGP Project is complete. [R-1151].</li> <li>▪ Notify applicable regulatory agencies (such as BC ENV; Fisheries and Oceans Canada; BC Ministry of Forests, Lands, Natural Resource Operations and Rural Development; and BC Oil and Gas Commission) as warranted and needed during construction [R-1145].</li> <li>▪ Within the District of Squamish, seek to schedule construction activities during the period of 7:00 a.m. to 8:00 p.m. on Monday to Friday, 8:00 a.m. to 7:00 p.m. on Saturday, and 10:00 a.m. to 4:00 p.m. on Sunday and on statutory holidays, in accordance with District of Squamish Noise Regulation Bylaw No. 2312 (2014), or unless an exemption from this bylaw is obtained [NR-245].</li> <li>▪ Work with businesses directly affected by construction to reduce effects as a result of noise, dust, and limited access [NR-312].</li> <li>▪ Consider landowners' special requests for inclusion in specific easement agreements [NR-335].</li> <li>▪ Establish an EGP Project designated phone line, website, and email for the receipt of complaints or concerns expressed by community, and respond appropriately [NR-336].</li> </ul>	Planning and construction

**Table 5-3. Summary of Community Services and Infrastructure Mitigation Measures**

<b>Service or Infrastructure Aspect</b>	<b>Management Objectives</b>	<b>Mitigation Measures</b>	<b>Project Phase for Implementation</b>
Community quality of life (cont'd)	See above	<ul style="list-style-type: none"> <li>▪ For construction in urban areas, establish alternate access routes for commercial or residential areas to the extent practical. Install signage to direct traffic flows to alternate access routes [R-165].</li> <li>▪ Notify local residents of blasting schedule at least 48 hours prior to blasting and provide updates to the schedule as necessary to reflect changes in overall duration and timing. [R-405].</li> <li>▪ Develop an EGP Project Worker Code of Conduct outlining expectations of appropriate worker conduct on- and off-duty [NR-318].</li> </ul>	See above

1

## 1    **6.    Monitoring**

2    This section presents FortisBC's approach to monitoring (Inexwantas) the implementation and  
3    effectiveness of mitigation measures outlined in the CSIMP and was developed in compliance with EAC  
4    Condition No. 22.

### 5    **6.1    Mitigation Compliance Monitoring (Inexwantas) and Reporting**

6    FortisBC is responsible for monitoring (Inexwantas) compliance with applicable environmental and  
7    socio-economic commitments, legal requirements, regulations, permits, and approval Conditions.

8    Monitoring (Inexwantas) compliance will occur daily during construction activities. Construction  
9    Contractors will collect CSIMP indicators monthly and report them to FortisBC. FortisBC will compile and  
10    aggregate CSIMP monitoring (Inexwantas) data into a concise monitoring (Inexwantas) report on a  
11    quarterly basis.

12    Further detail on the roles and responsibilities for mitigation compliance monitoring (Inexwantas) are  
13    outlined in the Roles and Responsibilities section of the CEMP.

### 14    **6.2    Mitigation Effectiveness Monitoring (Inexwantas)**

15    FortisBC's monitoring approach is founded on the understanding that community services and  
16    infrastructure may be broadly influenced by dynamic community conditions beyond the EGP Project.  
17    Given that there are multiple factors influencing effects on community services and infrastructure,  
18    multiple local governments traversed by the EGP Project, and the relatively short-term nature of pipeline  
19    construction, FortisBC's approach is focused on a set of monitoring (Inexwantas) indicators that  
20    demonstrate the EGP Project's successful implementation of key mitigation measures or that reflect the  
21    EGP Project's contribution to infrastructure and services impacts during the prescribed monitoring  
22    (Inexwantas) period.

23    FortisBC developed EGP Project-specific monitoring (Inexwantas) indicators through engagement with  
24    Indigenous nations, local governments, and stakeholders. Draft indicators were presented to, and  
25    discussed with, potentially affected Indigenous nations, local governments, and stakeholders during  
26    meetings and other engagements.

27    The indicators are specific to one or more monitoring (Inexwantas) topics or issues related to community  
28    services and infrastructure. Monitoring (Inexwantas) topic areas for the purpose of the CSIMP are as  
29    follows:

- 30    ▪    Emergency, health care, and social services
- 31    ▪    Accommodations
- 32    ▪    Recreational facilities
- 33    ▪    Waste management
- 34    ▪    Community quality of life

35    Indicators are designed to be the following:

- 36    ▪    Measurable by FortisBC and the Contractor
- 37    ▪    Evident from readily available data sources in timeframes relevant to the construction period
- 38    ▪    Reflective of impacts directly attributable to the EGP Project

- 1 For each indicator in Table 6-1, the relevant monitoring (Ínexwantas) topic area is noted. In some  
2 instances, an indicator may reflect more than one monitoring (Ínexwantas) topic area.
- 3 Table 6-1 outlines 11 proposed EGP Project-specific indicators and provides the following for each  
4 proposed indicator:
- 5 ▪ Applicable monitoring (Ínexwantas) topic or issue
  - 6 ▪ Rationale for the selection of the indicator
  - 7 ▪ Source of data
  - 8 ▪ Frequency of data collection
- 9 FortisBC is responsible for monitoring (Ínexwantas) associated with the CSIMP.
- 10 In addition to FortisBC's mitigation effectiveness monitoring (Ínexwantas) for the EGP Project, Squamish  
11 Nation (Skwxwú7mesh Úxwumixw) intends to conduct monitoring (Ínexwantas) of EGP Project  
12 interactions with Squamish Nation (Skwxwú7mesh Úxwumixw) interests, including Squamish Nation  
13 (Skwxwú7mesh Úxwumixw) members' use of community services and infrastructure. Squamish Nation  
14 (Skwxwú7mesh Úxwumixw) monitoring (Ínexwantas) is intended to evaluate the effectiveness of  
15 mitigation for Squamish Nation (Skwxwú7mesh Úxwumixw) members, which will indicate adaptive  
16 management strategies as they may arise.
- 17 It is anticipated that Squamish Nation (Skwxwú7mesh Úxwumixw) will provide status reports on their  
18 monitoring progress to FortisBC during construction. Key feedback themes and adaptive management  
19 strategies based on Squamish Nation (Skwxwú7mesh Úxwumixw) feedback will be included in FortisBC  
20 reporting as applicable. The Squamish Nation (Skwxwú7mesh Úxwumixw) monitoring (Ínexwantas) may  
21 include feedback related to the CSIMP as well as the AMP, CEMP, and TCMP for the EGP Project.

**Table 6-1. Community Services and Infrastructure Management Plan Monitoring (Ínexwantas) Indicators**

Monitoring (Ínexwantas) Indicator	Service or Infrastructure Aspect	Rationale	Data Source	Timing of Data Collection
1. The completion and implementation of a Communications Protocol with local governments and Indigenous nations	<ul style="list-style-type: none"> <li>▪ Emergency, health care, and social services</li> <li>▪ Accommodations</li> <li>▪ Community quality of life</li> <li>▪ Presence of temporary workers</li> <li>▪ Recreational services</li> <li>▪ Waste</li> </ul>	<ul style="list-style-type: none"> <li>▪ Demonstrates commitment to communicate with and provide updates to the following:               <ul style="list-style-type: none"> <li>– Local government authorities</li> <li>– Indigenous nations</li> <li>– Local health authorities</li> <li>– RCMP</li> <li>– Emergency services</li> <li>– Chambers of Commerce</li> </ul> </li> <li>▪ Supports community readiness and preparation for EGP Project construction</li> </ul>	FortisBC (engagement records)	<ul style="list-style-type: none"> <li>▪ Planning, completion prior to construction starting</li> <li>▪ Quarterly updates during construction</li> </ul>
2. The completion and implementation of Emergency Preparedness and Response Plans	Emergency, health care, and social services	<ul style="list-style-type: none"> <li>▪ Demonstrates agreed relationships with local and regional emergency services providers and mutually agreeable response protocols</li> <li>▪ Will outline key emergency contact information for EGP Project personnel</li> </ul>	<ul style="list-style-type: none"> <li>▪ FortisBC (construction Contractors)</li> <li>▪ Emergency Preparedness and Response Plan</li> </ul>	<ul style="list-style-type: none"> <li>▪ Planning, completion prior to construction starting</li> <li>▪ One-time; updated as necessary during construction</li> </ul>
3. The number of meetings with emergency services to coordinate emergency response planning, including acknowledgement of mutually agreeable response protocols, and establishing and following up on meeting actions	Emergency, health care, and social services	Demonstrates active preparation in relation to emergency response	<ul style="list-style-type: none"> <li>▪ FortisBC</li> <li>▪ Emergency services meeting notes</li> </ul>	<ul style="list-style-type: none"> <li>▪ Planning, prior to construction starting</li> <li>▪ Quarterly during construction or based on availability</li> </ul>

**Table 6-1. Community Services and Infrastructure Management Plan Monitoring (Ínexwantas) Indicators**

Monitoring (Ínexwantas) Indicator	Service or Infrastructure Aspect	Rationale	Data Source	Timing of Data Collection
4. Completion and implementation of the Waste Management Plan	Waste	Demonstrates agreed relationships with local and regional waste services	<ul style="list-style-type: none"> <li>▪ FortisBC (construction Contractors)</li> <li>▪ Environmental inspection</li> <li>▪ Service provider reports</li> </ul>	Daily documentation as necessary during construction
5. The completion and implementation of the Worker Code of Conduct	<ul style="list-style-type: none"> <li>▪ Emergency, health care, and social services</li> <li>▪ Community quality of life</li> <li>▪ Presence of temporary workers</li> </ul>	Provides indication of worker awareness and commitment to appropriate worker conduct	<ul style="list-style-type: none"> <li>▪ FortisBC (construction Contractors)</li> <li>▪ Incident tracking</li> </ul>	<ul style="list-style-type: none"> <li>▪ During planning, with completion prior to the construction starting</li> <li>▪ As feedback is received</li> </ul>
6. The completion of a joint Communications Protocol with Squamish Nation (Sḵw̓xwú7mesh Úxwumixw)	<ul style="list-style-type: none"> <li>▪ Emergency, health care, and social services</li> <li>▪ Community quality of life</li> <li>▪ Presence of temporary workers</li> </ul>	<ul style="list-style-type: none"> <li>▪ Demonstrates commitment to communicate with and provide updates to Squamish Nation (Sḵw̓xwú7mesh Úxwumixw).</li> <li>▪ Supports community readiness and preparation for EGP Project construction</li> </ul>	Squamish Nation (Sḵw̓xwú7mesh Úxwumixw) and FortisBC	During planning, with completion prior to the commencement of construction
7. The total number of workers on-site or in on-site office (worker-days), including the following: <ul style="list-style-type: none"> <li>– Total local versus nonlocal</li> <li>– Total residing at the TWA</li> <li>– Total receiving LOA</li> </ul>	<ul style="list-style-type: none"> <li>▪ Emergency, health care, and social services</li> <li>▪ Accommodations</li> <li>▪ Community quality of life</li> <li>▪ Presence of temporary workers</li> <li>▪ Recreational services</li> <li>▪ Waste</li> </ul>	<ul style="list-style-type: none"> <li>▪ Provides indication of number of temporary workers coming from outside the region, which could create pressure points or opportunities for host communities</li> <li>▪ Provides indication of EGP Project-specific demand for local and regional housing</li> </ul>	<ul style="list-style-type: none"> <li>▪ FortisBC (construction Contractors)</li> <li>▪ Accommodation tracking</li> </ul>	Monthly during construction

**Table 6-1. Community Services and Infrastructure Management Plan Monitoring (Inexwantas) Indicators**

Monitoring (Inexwantas) Indicator	Service or Infrastructure Aspect	Rationale	Data Source	Timing of Data Collection
8. The number of times an on-site or TWA EGP Project worker recorded lost time injuries or medical treatment injuries	Emergency, health care, and social services	Provides an indication of effectiveness for health and safety protocols within the EGP Project workforce	<ul style="list-style-type: none"> <li>▪ FortisBC (Construction Contractors)</li> <li>▪ Incident tracking</li> </ul>	<ul style="list-style-type: none"> <li>▪ Construction</li> <li>▪ Monthly during construction</li> </ul>
9. The number of times an on-site or TWA EGP Project worker required the following: <ul style="list-style-type: none"> <li>– Referral to a local health facility</li> <li>– Use of an ambulance or emergency transportation</li> </ul>	Emergency, health care, and social services	Provides an indication of absolute and relative burden of the EGP Project workforce on local health services	<ul style="list-style-type: none"> <li>▪ FortisBC (Construction Contractors)</li> <li>▪ Incident tracking</li> </ul>	<ul style="list-style-type: none"> <li>▪ Construction</li> <li>▪ Monthly during construction</li> </ul>
10. The number of Worker Code of Conduct policy violation incidents within the TWA <sup>a</sup>	<ul style="list-style-type: none"> <li>▪ Community quality of life</li> <li>▪ Presence of temporary workers</li> </ul>	Provides direct indication of compliance with the Worker Code of Conduct and rules in the TWA environment	<ul style="list-style-type: none"> <li>▪ FortisBC (TWA Contractor)</li> <li>▪ Incident tracking</li> </ul>	<ul style="list-style-type: none"> <li>▪ Construction</li> <li>▪ Monthly during operation of the TWA</li> </ul>
11. The number and types of calls or complaints received through the EGP Project phone line regarding adverse impacts related to services, such as the following: <ul style="list-style-type: none"> <li>– Worker conduct in the community</li> <li>– Sensory disturbance (such as noise [Lélpwmx], dust, or lighting)</li> <li>– Access limitations</li> <li>– Traffic and driving</li> <li>– Use of local accommodations</li> <li>– Demand on local services</li> </ul>	<ul style="list-style-type: none"> <li>▪ Emergency, health care, and social services</li> <li>▪ Accommodations</li> <li>▪ Community quality of life</li> <li>▪ Presence of temporary workers</li> <li>▪ Recreational services</li> <li>▪ Waste</li> </ul>	Provides a direct indication of issues, concerns, and perceptions related to the effects of the EGP Project on community life	FortisBC feedback line records	As feedback is received during construction and 2 years post-construction

**Table 6-1. Community Services and Infrastructure Management Plan Monitoring (Ínexwantas) Indicators**

Monitoring (Ínexwantas) Indicator	Service or Infrastructure Aspect	Rationale	Data Source	Timing of Data Collection
12. The feedback from engagement from Indigenous nations, local government authorities, and service providers regarding EGP Project-specific adverse impacts on community infrastructure and services	<ul style="list-style-type: none"> <li>▪ Emergency, health care, and social services</li> <li>▪ Accommodations</li> <li>▪ Recreation</li> <li>▪ Waste</li> <li>▪ Community quality of life</li> <li>▪ Presence of temporary workers</li> </ul>	Provides a direct indication of issues, concerns, and perceptions related to the effects of the EGP Project on services and infrastructure	FortisBC engagement records	As feedback is received during construction and 2 years post-construction

<sup>a</sup> Details of incidents are kept confidential for personal privacy protection.



## 1 7. Adaptive Management

2 This section outlines how mitigation measures will be re-evaluated should monitoring (Ínexwantas)  
 3 indicate that the mitigation measures were not adequate or were ineffective at avoiding or reducing  
 4 potential residual effects on community services and infrastructure. Examples of the types of corrective  
 5 measures that may be implemented are provided in subsection 7.2.

### 6 7.1 Adaptive Management Approach

7 FortisBC will review pertinent monitoring (Ínexwantas) data and feedback for concerns that are received  
 8 from Indigenous nations, stakeholders, or local service providers (such as the RCMP or health authority)  
 9 on matters that are within the care and control of FortisBC and resulting from EGP Project activities.

10 Topic-specific engagement will be held with the appropriate parties (such as, Indigenous nations, local  
 11 governments, and service providers) should it be determined that adaptive management is needed. If  
 12 response to an issue necessitates modification to construction-related plans, the resulting changes will be  
 13 communicated to FortisBC's Contractors. If monitoring (Ínexwantas) results identify issues, corrective  
 14 measures will be implemented as soon as feasible.

15 If corrective measures are implemented to achieve the objectives of the CSIMP, additional monitoring  
 16 (Ínexwantas) will follow their implementation until monitoring (Ínexwantas) results indicate the objectives  
 17 have been met.

### 18 7.2 Potential Corrective Measures

19 If during monitoring (Ínexwantas) corrective measures are needed, recommended measures will be  
 20 identified on a case-by-case basis and will depend on the site-specific conditions. Quarterly monitoring  
 21 reports will include discussions of topic-specific adaptive management strategies as applicable. Examples  
 22 of corrective actions that may be applied if performance indicators are found to be underperforming are  
 23 presented in Table 7-1.

**Table 7-1. Examples of Corrective Actions**

Service or Infrastructure Aspect	Indicator	Threshold for Action	Corrective Action
<ul style="list-style-type: none"> <li>▪ Emergency, health care, and social services</li> <li>▪ Accommodations</li> <li>▪ Community quality of life</li> <li>▪ Presence of temporary workers</li> <li>▪ Recreational services</li> <li>▪ Waste</li> </ul>	1. The completion and implementation of a Communications Protocol with local governments and Indigenous nations	<ul style="list-style-type: none"> <li>▪ Receipt of complaints that the Communications Protocol is not being followed or is not meeting the intended need</li> <li>▪ Receipt of qualitative feedback from local governments and Indigenous nations indicating a change is needed</li> </ul>	FortisBC will meet with local governments and Indigenous nations to review the Communications Protocol, review complaints, and seek resolution on communication improvements.

**Table 7-1. Examples of Corrective Actions**

Service or Infrastructure Aspect	Indicator	Threshold for Action	Corrective Action
Emergency, health care, and social services	2. The completion and implementation of Emergency Preparedness and Response Plans with emergency contact information	Emergency Preparedness and Response Plan not implemented	FortisBC will meet with the Contractor to review the Emergency Preparedness and Response Plan, review complaints, and seek resolution on communication improvements.
Emergency, health care, and social services	3. The number of meetings with emergency services to coordinate emergency response planning, including acknowledgement of mutually agreeable response protocols, and establishing and following up on meeting actions	N/A – this is an informational indicator	N/A
Waste	4. The completion and implementation of the Waste Management Plan	Waste Management Plan not implemented (waste not sorted and managed or disposed of properly)	FortisBC will meet with the Contractor to review the following: <ul style="list-style-type: none"> <li>▪ Waste management incidents</li> <li>▪ Whether additional resources are necessary such as recycling bins, catchment trays and hazardous waste bins</li> <li>▪ Whether the plan addresses waste management regulations and guidelines</li> </ul>
<ul style="list-style-type: none"> <li>▪ Emergency, health care, and social services</li> <li>▪ Community quality of life</li> <li>▪ Presence of temporary workers</li> </ul>	5. The completion and implementation of the Worker Code of Conduct	No minimum threshold and grievances or complaints will be responded to immediately	FortisBC will meet with the Contractor to determine appropriate disciplinary action.
<ul style="list-style-type: none"> <li>▪ Emergency, health care, and social services</li> <li>▪ Community quality of life</li> <li>▪ Presence of temporary workers</li> </ul>	6. The completion of a joint Communications Protocol with Squamish Nation (Sḵw̓xwú7mesh Úxwumixw)	Joint Communications Protocol not completed	FortisBC and Squamish Nation (Sḵw̓xwú7mesh Úxwumixw) will determine how the joint Communications Protocol is to be completed

**Table 7-1. Examples of Corrective Actions**

Service or Infrastructure Aspect	Indicator	Threshold for Action	Corrective Action
<ul style="list-style-type: none"> <li>▪ Emergency, health care, and social services</li> <li>▪ Accommodations</li> <li>▪ Community quality of life</li> <li>▪ Presence of temporary workers</li> <li>▪ Recreational services</li> <li>▪ Waste</li> </ul>	7. The total number of workers on-site or in on-site office (worker-days), including the following <ul style="list-style-type: none"> <li>– Total local vs. nonlocal</li> <li>– Total residing at the TWA</li> <li>– Total receiving LOA</li> </ul>	N/A - this is an informational indicator	N/A
Emergency, health care, and social services	8. The number of times an on-site or TWA EGP Project worker recorded lost time injuries or medical treatment injuries	No minimum threshold and such incidents will be investigated per Occupational Health and Safety protocols	FortisBC will determine the root cause through an investigation as outlined in Occupational Health and Safety protocols. Corrective actions will be determined through the investigation process.
Emergency, health care, and social services	9. The number of times on-site or TWA EGP Project worker needed the following: <ul style="list-style-type: none"> <li>– Referral to a local health facility</li> <li>– Use of ambulance or emergency transportation</li> </ul>	Receipt of qualitative feedback from local health authority regarding capacity concerns related to the EGP Project	FortisBC and the Contractor will evaluate occurrences that are leading to referrals to health authorities and determine necessary corrective actions to reduce the need for medical assistance beyond the EGP Project-provided medical services.
<ul style="list-style-type: none"> <li>▪ Community quality of life</li> <li>▪ Presence of temporary workers</li> </ul>	10. The number of Worker Code of Conduct policy violation incidents within the TWA <sup>a</sup>	No minimum threshold and grievances or complaints will be responded to	FortisBC and the TWA Contractor will ensure complaints receive timely and documented responses and resolutions proportional to the level of urgency.

**Table 7-1. Examples of Corrective Actions**

Service or Infrastructure Aspect	Indicator	Threshold for Action	Corrective Action
<ul style="list-style-type: none"> <li>▪ Emergency, health care, and social services</li> <li>▪ Accommodations</li> <li>▪ Community quality of life</li> <li>▪ Presence of temporary workers</li> <li>▪ Recreational services</li> <li>▪ Waste</li> </ul>	<p>11. The number and types of calls or complaints received through the EGP Project phone line regarding adverse impacts related to services, such as the following:</p> <ul style="list-style-type: none"> <li>– Worker conduct in the community</li> <li>– Sensory disturbance (noise [Lélpwxm], dust, or lighting)</li> <li>– Access limitations</li> <li>– Traffic and driving</li> <li>– Use of local accommodations</li> <li>– Demand on local services</li> </ul>	<p>No minimum threshold and grievances or complaints will be responded to</p>	<p>FortisBC and the Contractor will address complaints and document responses and resolutions proportional to the level of urgency.</p>
<ul style="list-style-type: none"> <li>▪ Emergency, health care, and social services</li> <li>▪ Accommodations</li> <li>▪ Recreation</li> <li>▪ Waste</li> <li>▪ Community quality of life</li> <li>▪ Presence of temporary workers</li> </ul>	<p>12. The feedback from engagement from Indigenous nations, local government authorities, and service providers regarding EGP Project-specific adverse impacts on community infrastructure and services</p>	<p>Receipt of qualitative feedback from service provider or local government authority regarding an EGP Project-specific adverse impact</p>	<p>FortisBC and the Contractor will discuss and evaluate the cause of the adverse impact with the stakeholder to identify any EGP Project-specific corrective measures.</p>

<sup>a</sup> Details of incidents kept confidential for personal privacy protection

Note:

N/A = not applicable

## 1 **8. Reporting Requirements**

### 2 **8.1 Mitigation and Monitoring Reporting**

3 FortisBC's Contractors will collect CSIMP indicators monthly and report them to FortisBC. FortisBC will  
4 compile and aggregate CSIMP monitoring (Ínexwantas) data into a concise monitoring (Ínexwantas) report  
5 on a quarterly basis. Along with the indicator data, the CSIMP reports will discuss topic-specific adaptive  
6 management strategies that FortisBC and its Contractors have implemented, if necessary, to improve  
7 performance during construction based on FortisBC's evaluation of performance or as a response to  
8 monitoring (Ínexwantas) feedback. This may include key feedback themes and adaptive management  
9 strategies from Squamish Nation (Sk̓w̓x̓wú7mesh Úxwumixw) monitoring (Ínexwantas), as applicable.

10 Quarterly monitoring (Ínexwantas) reports will be shared via email with applicable regulatory agencies and  
11 Indigenous nations.

12 A final report will be published within 6 months of the EGP Project's start of operations. During operations,  
13 EGP Project-related effects to community services and infrastructure are not anticipated. For the first  
14 2 years following the completion of construction, FortisBC will continue to monitor qualitative feedback  
15 themes and phone line queries (Indicators 11 and 12) related to community infrastructure and services.  
16 FortisBC will follow-up with Indigenous nations and stakeholders as issues emerge.

17 A post-construction report on Indicators 11 and 12 will be made available upon completion of the 2-year  
18 post-construction period, provided feedback continues to be received during this time. Throughout  
19 operations, FortisBC will continue to respond to EGP Project-related issues raised by Indigenous nations  
20 and stakeholders as part of FortisBC's overall customer service.

### 21 **8.2 Compliance Reporting**

22 At least 30 days prior to the start of construction, FortisBC will provide a report on the status of  
23 compliance with the EAC.

24 FortisBC will provide annual EAC compliance reports to BC EAO at the following times:

- 25 ▪ At least 30 days prior to the start of construction
- 26 ▪ On or before January 31 in each year after the start of construction
- 27 ▪ At least 30 days prior to the start of operations
- 28 ▪ On or before January 31 in each year after the start of operations (CSIMP timeframe extends to  
29 2 years after the completion of construction)

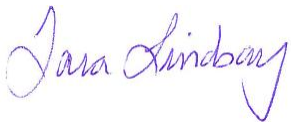
30 As part of reporting, FortisBC will provide a Table of Concordance outlining the EAC Condition, the activity  
31 conducted to date to fulfill the Condition, and the Condition requirements and status of completion.  
32 Reports will be submitted electronically to the applicable regulatory agencies and Indigenous nations.  
33 Reports will be made available to the public through the BC EAO Project Information Centre portal.

## 1   **9.   Professional Certification**

2   The CSIMP has been developed by Qualified Professionals. These individuals are directly responsible for  
3   providing professional services and submitting accurate work as directed by FortisBC in support of the  
4   CSIMP, as required by the BC EAO.

5   Susan Dowse, M.Sc.

6   Stephanie Rathwell, B.A.

7   

9   Tara Lindsay, B.Sc., MCIP, RPP, P.Ag.

10   Member of Canadian Institute of Planners #20177

11   Registered Professional Planner #1512

## 1 10. References

- 2 British Columbia Environmental Assessment Office (BC EAO). 2016. *EAC E16-01 Eagle*  
3 *Mountain-Woodfibre Gas Pipeline – Environmental Assessment Certificate*.  
4 <https://www.projects.eao.gov.bc.ca/p/588511ddaaecd9001b826f0d/certificates>.
- 5 District of Squamish. 2014. *District of Squamish Noise Regulation Bylaw No. 2312, 2014*.  
6 <https://squamish.civicweb.net/document/99167/>.
- 7 FortisBC Energy Inc. (FortisBC). 2022a. *Code of Conduct*. July 19.  
8 [https://www.cdn.fortisbc.com/libraries/docs/default-source/about-us-](https://www.cdn.fortisbc.com/libraries/docs/default-source/about-us-documents/codeofconduct.pdf?sfvrsn=c6ac9caa_8)  
9 [documents/codeofconduct.pdf?sfvrsn=c6ac9caa\\_8](https://www.cdn.fortisbc.com/libraries/docs/default-source/about-us-documents/codeofconduct.pdf?sfvrsn=c6ac9caa_8).
- 10 FortisBC Energy Inc. (FortisBC). n.d.a. "Our Statement of Indigenous Principles." Accessed October 2022.  
11 [https://www.fortisbc.com/in-your-community/indigenous-relationships-and-reconciliation/our-](https://www.fortisbc.com/in-your-community/indigenous-relationships-and-reconciliation/our-statement-of-indigenous-principles)  
12 [statement-of-indigenous-principles](https://www.fortisbc.com/in-your-community/indigenous-relationships-and-reconciliation/our-statement-of-indigenous-principles).
- 13 FortisBC Energy Inc. (FortisBC). n.d.b. "Safety and Environmental Policy." Accessed October 2022.  
14 <https://www.fortisbc.com/about-us/corporate-information/safety-environmental-policy>.
- 15 FortisBC Energy Inc. (FortisBC). 2022b. Talking Energy. <https://talkingenergy.ca/>.
- 16 National Inquiry into Missing and Murdered Indigenous Women and Girls (MMIWG). 2019. *Reclaiming Power*  
17 *and Place: The Final Report of the National Inquiry into Missing and Murdered Indigenous Women and Girls*.  
18 <https://www.mmiwg-ffada.ca/final-report/>.