

# Management Plan

Please describe the details of your project to the extent known. Consult the guidance document for further information on regulatory requirements, rationale for why the information is required, and how to find required information.

The scope and the timing for response will be provided. If information is requested and not received, it may result in the disallowance of the application.

Information on these topics may be required as part of the application processing and if further detail is necessary that is not part of the application and management plan received, you will be contacted and requested to provide additional information. In some circumstances, the use of a qualified professional to complete the plan may be required.

If you need more space in any section please attach additional detail to this document and reference the pertinent section.

## 1.0 Background

### 1.1 Project Overview

Describe the intended use for which authorization is requested, including construction and/or phased development details:

### 1.2 Investigative Work

If any preliminary investigative work has been carried out, with or without an investigative authorization, provide details on work completed, incomplete or on-going from previous term. Please provide comments on any archaeological work, new technology or any First Nations agreements undertaken.

Activity	Brief Description of Activity	Status (e.g. Complete, incomplete, ongoing)	Comments / Milestones
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### 1.3 First Nations Consultation

Describe any contact you may have had, including the name of the First Nation(s) and representatives contacted including a description of any discussion of potential adverse effects from the proposed activity and any discussed mitigation measures.

## 2.0 Location

### 2.1 Description

Provide a general description of the location of the project. Include activities such as traffic patterns and volume; parking; drilling and sampling etc.



### 3.0 Infrastructure and Improvements

#### 3.1 Facilities and Infrastructure

Detail any new and existing facilities, infrastructure or processes proposed and any ancillary uses. Provide details of planned construction methods and materials, and construction scheduling.

Facility/Infrastructure/Process	Construction Methods/Materials	Construction Schedule
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#### 3.2 Access

Identify existing and proposed roads used for access and their use by season. Include any proposed connections that require either a Ministry of Transportation and Infrastructure permit for connection or use of a Forest Service Road and what type of FS road and types of vehicles expected. Include information on any road use agreements and include the volume of traffic during construction/operation and phase or season that the traffic is expected.

Roadway/Proposed Connection	Existing/Proposed	Existing Road Classification	Road Permittee Information and Road Use Agreements	Traffic Volume		Mitigation of Traffic Effects
				Construction Phase	Operations Phase	

#### 3.3 Utility Requirements and Sources

Describe utility requirements and sources, include agreements in place or underway allowing access to utilities. Utilities include power generation, electrical or gas transmission or distribution lines, telecommunications.

### 3.4 Water Supply

Identify water requirements for construction and operation phases (e.g. surface water and/or groundwater), including sources, location, volume and a general description of infrastructure planned to meet water supply requirements, include any agreements outside of Water Act Authorizations, such as Municipal water supply.

Project Phase Construction/ Operation	Water Requirement (e.g. Surface water or ground water, etc)	Source/location	Volume	Infrastructure Description	Agreements
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### 3.5 Waste Collection Treatment and Disposal

Identify any waste disposal (note septic system required), sewage, sanitation facilities and refuse disposal proposed. Include agreements in place or underway such as Health Regional Board Sewage Disposal Permits etc.

Project Phase (Construction/ Operation)	Is there a water requirement (e.g. Surface water or ground water, etc)	Discharge distance to closest body of water (well, lake, etc.)	Volume of daily discharge	Infrastructure Description	Existing Agreements
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### 3.6 FireSmart

Identify any proposed actions to incorporate FireSmart best practices in the tenure area. For more information visit [www.FireSmartBC.ca](http://www.FireSmartBC.ca)

## 4.0 Environmental

Describe any significant impacts and proposed mitigation for the following environmental classes:

### 4.1 Land Impacts

#### 4.1.1 Vegetation Removal

Is any timber removal required?

Yes  No

Are any areas of vegetation to be cleared, outside of timber removal?

Yes  No

#### 4.1.2 Soil Disturbance

Will there be any areas of soil disturbance, including clearing, grubbing, excavation and levelling?

Yes  No

Is the area to be excavated a Brownfield site or has the potential to be contaminated?

Yes  No

Is there potential for disturbance of archaeological, paleontological fossils or historical artifacts?

Yes  No

#### 4.1.3 Riparian Encroachment

Will any works be completed within or adjacent to the riparian zone of any water body? If your project is within 30 meters of a watercourse and you intend to: disturb soil, remove plants, construct, install works for flood protection, develop drainage systems or service sewer or water systems the Riparian Areas Regulation may affect your development.

Yes  No

#### 4.1.4 Pesticides and Herbicides

Will there be any use of pesticides or herbicides during construction, operations and/or maintenance?

Yes  No

### 4.1.5 Visual Impacts

Will there be any adverse effects of the projects, and any potential adverse effects on sight lines to the project area from surrounding areas likely to be used for scenic viewing by residents or other users?

Yes          No

### 4.1.6 Archaeological Sites

Are there any known or high potential (Arch Procedure) archaeological sites within the project area?

Yes          No

Have you conducted an AIA or engaged an archaeologist to assist with your investigations?

Yes          No

### 4.1.7 Construction Methods and Materials

Identify the types of construction materials, the methods used, their impacts, and any mitigations:

Construction Material/Method	Impacts	Mitigations
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## 4.2 Atmospheric Impacts

### 4.2.1 Sound, Odour, Gas or Fuel Emissions

Will the project construction or operation cause any of the following to disturb wildlife or nearby residents:

Sound?      Yes          No

Odour?      Yes          No

Gas?        Yes          No

Fuel Emissions?      Yes          No

## 4.3 Aquatic Lands

### 4.3.1 Drainage Effects

Will the project result in changes to land drainage?

Yes          No

### 4.3.2 Public Access

Will the project result in changes to public access?

Yes      No

### 4.3.3 Flood Potential

Will the project result in a potential for flooding?

Yes      No

## 4.4 Fish and Wildlife Habitat

### 4.4.1 Disturbance to Fish/Wildlife and Fish/Wildlife Habitat

Will the project result in adverse effects to wildlife or wildlife habitat?

[\(BC Wildlife Act\)](#)

Yes      No

Will the project (construction or operations phase) occur in and around streams, lakes, estuarine or marine environments?

Yes      No

Is the project (construction or operations phase) likely to increase erosion or sedimentation?

Yes      No

Will the project (construction or operations phase) require water diversion?

Yes      No

Will the project threaten or endanger species at risk in the area?

[Species At Risk Act](#)

Yes      No

## 5.0 Socio-Community

### 5.1 Land Use

Describe the current community setting or any locally known use areas on or near the project area.

#### 5.1.1 Land Management Plans and Regional Growth Strategies

Are there any land and resource management plans, coastal plans, provincial, regional growth strategies or local government plans with zoning, or management policies or use restrictions in place that could limit or preclude your proposed use of the land? *(Please refer to the [Union of BC Municipalities \(UBCM\)](#), and check the websites of the municipality, regional district or other organization with jurisdiction including your project area.)*

Yes

No

### 5.2 Socio-Community Conditions

#### 5.2.1 Adjacent Users or Communities

Is the project likely to restrict public access, or the ability, or the ability of adjacent land owners or tenure holder to access their property or tenures?

Yes

No

#### 5.2.2 Existing Services

Provide a description any increased demand on fire protection and other health facilities and emergency services arising from your Project, including proposed management or mitigation measures.

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