August 30, 2022

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BC Environmental Assessment Office (EAO)

RE: EAC Condition 43 Mitigation Table

The Blackwater Gold Project (the Project) is a gold and silver open pit mine located in central British Columbia (BC), approximately 112 kilometres (km) southwest of Vanderhoof, 160 km southwest of Prince George, and 446 km northeast of Vancouver.

Major mine components include a tailings storage facility (TSF), ore processing facilities, waste rock, overburden and soil stockpiles, borrow areas and quarries, water management infrastructure, water treatment plants, accommodation camps and ancillary facilities. The gold and silver will be recovered into a gold-silver doré product and shipped by air and/or transported by road. Electrical power will be supplied by a new approximately 135 km, 230 kilovolt (kV) overland transmission line (TL) that will connect to the BC Hydro grid at the Glenannan substation located near the Endako mine, 65 km west of Vanderhoof.

The Blackwater mine site is located within the traditional territories of Lhoosk'uz Dené Nation (LDN), Ulkatcho First Nation (UFN), Skin Tyee Nation and Tsilhqot'in Nation. The Kluskus and Kluskus-Ootsa FSRs and TL cross the traditional territories of Nadleh Whut'en First Nation (NWFN), Saik'uz First Nation (SFN), and Stellat'en First Nation (StFN; collectively, the Carrier Sekani First Nations [CSFNs]) as well as the traditional territories of the Nazko First Nation (NFN), Nee Tahi Buhn Band, Cheslatta Carrier Nation and Yekooche First Nation.

New Gold Inc. (New Gold) received Environmental Assessment Certificate #M19-01 (EAC) on June 21, 2019 under the 2002 *Environmental Assessment Act* In August 2020, Artemis Gold Inc. (Artemis) acquired the mineral tenures, assets and rights in the Blackwater Project that were previously held by New Gold Inc. On August 7, 2020, the Certificate was transferred to BW Gold LTD. (BW Gold), a wholly-owned subsidiary of Artemis, under the *2018 Environmental Assessment Act.*

Condition 43 of Environmental Assessment Certificate #M19-01 required BW Gold to develop a Mitigations Table that captures all mitigation measures identified in the document Blackwater Gold Project: Summary of Proposed Mitigation Measures (November 6, 2018) (November Table) and the document Blackwater Gold Project: Master Mitigation Table September 28, 2018 (September Table) that was incorporated into plans developed as a requirement of this Certificate with respect to the following valued components:

- Air Quality;
- Noise and Vibration;
- Caribou;
- Amphibians;
- Bats;

- Forest and Grassland Birds;
- Furbearers;
- Grizzly Bear;
- Invertebrates; Moose;
- Waterbirds;
- Wetlands;
- Visual Resources;
- Non-traditional Land and Resource Use;
- Ecosystem Composition and Plant species and ecosystems at risk.

The Mitigations Table was developed in consultation with the EAO, Aboriginal Groups, FLNRORD and ENV. BW Gold provided the draft Mitigations Table and report developed in consultation with the EAO, Aboriginal Groups, FLNRORD and ENV to the EAO, Aboriginal Groups, ENV and FLNRORD no later than 180 days after the issuance of this Certificate, or as otherwise authorized by the EAO.

The certificate also requires that BW Gold must not commence Construction until the Mitigations Table and the report have been approved by the EAO, unless otherwise authorized by the EAO.

Although not explicitly required by the EAC condition, BW Gold completed a voluntary update to the (Condition 43) table mapping out where all the proposed mitigations ultimately landed in the management plans. BW Gold saw this as serving as a report for explaining the following:

- How a proposed mitigation was incorporated with more specificity.

It should be understood and acknowledged that the mapping exercise is current as of August 2022 and that management plans may be subject to periodic updates so this document should be viewed as the project mitigation list that initially informed management plan development. As well, the mitigation mapping includes management plan section references to make it faster for reviewers to confirm where mitigations have been included.

The fully mapped mitigation table is included in this submission.

Blackwater Gold Project: Summary of Proposed Mitigation Measures (July 2022)

Acronym	Definition
AEMP	Aquatic Effects Monitoring Program
AQDMP	Air Quality and Fugitive Dust Management Plan
ARMP	Agriculture and Range Management Plan
BCCDC	British Columbia Centre for Disease Control
CEA Agency	Canadian Environmental Assessment Agency
CEMP	Construction Environmental Management Plan
CEMMP	Community Effects Monitoring and Management Plan
CFMP	Country Foods Monitoring Plan
CMMP	Caribou Mitigation and Monitoring Plan
DFO	Department of Fisheries and Oceans
EAO	Environmental Assessment Office
ECCC	Environment and Climate Change Canada
ELUP	End Land Use Plan
EIS	Environmental Impact Statement
FLTRP	Final Transmission Line Routing Plan
HC	Health Canada
IPMP	Invasive Plant Management Plan
JTT	Ministry of Jobs, Trade and Technology
LDN	Lhoosk'uz Dene Nation
MAEMA	*Mines Act / Environmental Management Act*
MEMPR	Ministry of Energy, Mines and Petroleum Resources
MFLNRORD	Ministry of Forests, Lands, Natural Resource Operations and Rural Development
MOECC	Ministry of Environment and Climate Change Strategy
MSTCP	Mine Site Traffic Control Plan
NH	Northern Health
NRC	Natural Resources Canada
NVEMMP	Noise and Vibration Effects Monitoring and Mitigation Plan
NWFN	Nadleh Whut'en First Nation
PNA	Proposed new alignment
QP	Qualified Professional
RCP	Reclamation and Closure Plan
Sched C/D	Schedule C and D First Nations
SEPSCP	Surface Erosion Prevention and Sediment Control Plan
SFN	Saik'uz First Nation
StFN	Stellat'en First Nation
SOP	Standard Operating Procedure
TL	Transmission Line
TLCEMP	Transmission Line Construction Environmental Management Plan
TSF	Tailings Storage facility
UFN	Ulkatcho First Nation
VC	Value Component
VMP	Vegetation Management Plan
SARA	Species at Risk Act
WMP	Wildlife Management Plan
WMMP	Wildlife Mitigation and Monitoring Plan
WMOP	Wetlands Management and Offsetting Plan
WPMP	Whitebark Pine Management Plan
SEMP	Socio-economic Effects Monitoring Plan

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
1	**Noise and Vibration**				
		C, O	1	Select equipment with industry standard noise abatement technology, including exhaust, and compressor/fan noise. Use a noise-attenuating jacket around the jackhammer	Noise and Vibration Effects Monitoring and Mitigation Plan (NVEMMP) s. 10.1
			2	Maintain equipment in good working condition, on a regular basis replace worn parts, lubricate as required	NVEMMP, s. 10.1
			3	Minimize the height of material drops from the plant and machinery	NVEMMP, s. 10.1
			4	Locate construction and operations camps to minimize noise disturbance from road and air traffic, and mine equipment	NVEMMP, s. 10.1
			5	Perform regular inspections and maintenance of material-handling vehicles and equipment, ensuring that noise abatement components are working as intended, worn parts replaced, and lubricants applied, so that manufacturers' noise output specifications continue to be met	NVEMMP, s. 10.1 (note that the Plan says "monthly" while this says "regular")
			6	Turn off equipment when not in use as will be described in the Noise and Vibration Effects Monitoring and Mitigation Plan.	NVEMMP, s. 10.1
			7	Operate utilities and provide services in adherence to relevant standards and guidelines (including at least pump stations, wastewater treatment plant, fueling station)	NVEMMP, s. 10.1
			8	Avoid low altitude flights except on final approach and take-off	NVEMMP, s. 10.1
			9	Limit taxiing time	NVEMMP, s. 10.1
			10	Use low-noise supporting ground equipment (including at least a power generator with muffler)	NVEMMP, s.10.1
			11	Implement airstrip construction noise mitigation measures the same as those for the mine site	NVEMMP, s. 10.1
			12	Establish an Environmental Monitoring Board to monitor project-related effects and make recommendations related to adaptive management	NVEMMP, s. 10.1
			13	Establish a Traditional Knowledge/ Traditional Land Use (TK/TLU) Committee to monitor project development and provide TK/TLU information to incorporate during final project design, construction, operations, closure and post-closure	NVEMMP, s. 10.1
			14	Conduct blasting on day shifts only	NVEMMP, s. 10.1 (note that in the Plan it says between 6am and 6pm rather than "day shift" - this was also the subject of a comment when developing the plan, which is why it was changed)
			15	Operate equipment within specifications and capacities (i.e., do not overload machines)	NVEMMP, s. 10.1
2	**Air Quality**				
		C, O	1	Manage fugitive dust emissions at the mine site by wetting materials prior to handling or through other measures to achieve compliance with permit conditions during Construction, Operations, Closure and Post-closure.	Air Quality and Fugitive Dust Management Plan (AQDMP), s. 8.2 (Table 8.2-1)
			2	Operate and maintain emission control equipment as per manufacturers requirements (including a refuse incinerator)	This is addressed in the Construction Environmental Management Plan (CEMP) regarding vehicles in Table 9.8-1, addressed in regard to baghouses in s. 8.3.6 and the refuse incinerator is described in s. 5.3.7
			3	Manage vehicle and equipment emissions by conducting regular vehicle, machinery and equipment maintenance, restricting speeds, sizing of equipment and reducing idling as will be described in the Air Quality and Dust Management Plan.	AQDMP, s. 8.2 (Table 8.2-1)
			4	Off-road vehicles (including the mine fleet) will meet the most recent and stringent emission standards, which is anticipated to be Tier IV as will be described in the Air Quality and Dust Management Plan	AQDMP, s.8.2 (Table 8.2-1)

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			5	An Air Quality and Dust Management Plan will be developed for the project which will include measures for mitigating dust emissions during transmission line construction. Measures that will be considered include winter construction, watering roads and other dust mitigation measures	The Transmission line Air Quality and Dust Management Plan, May 2022.
			6	Implement measures to manage fugitive dust as defined in the Air Quality and Dust Management Plan (AQDMP) (draft plan provided in Section 12.2.1.18.4.9 of the Application/EIS). Mitigation measures that will be considered in developing the AQDMP include but are not limited to: • Maintenance of unpaved roads which will be regularly compacted and kept in good repair • Use of coarse aggregate for road surfaces with low silt content • Roadways will be wetted to minimize dust from ore and waste rock haulage and grading, when ambient air temperatures permit • Cleaning of paved areas as required to minimize dust • Wetting of materials to minimize dust in material handling, as needed • Reporting incidents involving excessive dust on site and implementing adaptive management The use of road salts to control dust emissions will be avoided so as not to attract caribou to roads, unless otherwise needed to control dust emissions in accordance with the Air Quality and Dust Management Plan.	AQDMP, s. 5.1.1, 5.3.2, s. 8.2 & s. 9.1 , Appendix D - Dust Emissions Standard Operating Procedure (SOP)
			7	Control dust with wetting agent at regular intervals and/or when required, perform regular road maintenance (dust suppression and grading), and regular vehicle maintenance, as will be described in the Air Quality and Dust Management Plan	AQDMP, s. 8.2 (Table 8.2-1), Appendix D - Dust Emissions SOP
			8	Potential smells related to camp operations are ameliorated by effective waste handling, storage and management. Detailed standard operating procedures will be developed during permitting of facilities. High temperature incineration of combustibles eliminates odors which could be attractants to wildlife. Routine removal of waste products from site for recycling, reuse or disposal will also reduce the risk of odor generation, as will be described in the Wildlife Management and Monitoring Plan.	Wildlife Mitigation and Monitoring Plan (WMMP), s. 3.5, Joint *Mines Act / Environmental Management Act* (MAEMA) Permits Application - Appendix 9-N Waste (Refuse and Emissions) Management Plan s. 7.1, 7.3, 8.1.2
			9	Mobile equipment exhaust smells are kept to a minimum through practices that ensure equipment is operating at optimum efficiency in accordance with manufacturers' specifications and regularly maintained to ensure such performance, as will be described in the Noise and Vibration Effects Monitoring and Mitigation Plan	NVEMMP, s. 10.1
			10	Maintain internal combustion engines and associated air quality management systems in proper working order, as will be described in the Noise and Vibration Effects Monitoring and Mitigation Plan	NVEMMP, s. 10.1
3	**Wetlands** (Indicators: ecological, hydrological, biochemical and habitat functions)				
		C, O, CL, PC	1	Maintain or enhance existing drainage connections when designing and installing culverts for cross drainage, and avoid creating outlets that either drain wetlands or constrict the natural outlet during construction, as will be described in the Wetlands Management and Compensation Plan	Wetlands Management and Offsetting Plan (WMOP), s. 9.1 (Table 9-1)
			2	Minimize pesticide and fertilizer use around aquatic resources and before precipitation events to limit chemical runoff from entering wetlands;	WMOP, s. 9.1 (Table 9-1), CEMP Table 9.10-1, Table 9.9-2
			3	Establish protected riparian areas prior to clearing at locations to be described in the CEMP	WMOP, s. 9.1 (Table 9-1), CEMP Table 9.2-2, Table 9.10.1.
			4	Maintain drainage pathways and wetland hydrology by installing appropriately sized culverts for stream and wetland crossings	WMOP, s. 9.1 (Table 9-1), CEMP Table 9.10.1
			5	Avoid harvesting in wetland riparian areas as will be described in the Wetlands Management and Compensation Plan	CEMP, Table 9.9-2, Riparian Area Management SOP in CEMP.
			6	Replant native vegetation to expedite succession	WMOP, s. 9.1 (Table 9-1),CEMP Table 9.10-1

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			7	Use low ground pressure equipment or tracked equipment for work in areas with saturated soils during Construction, as will be described in the Wetlands Management and Compensation Plan	WMOP, s. 9.1 (Table 9-1), CEMP Table 9.10-1
			8	Use timber mats, driving mats, or log corduroys or other means of ground protection where needed to minimize disturbances to vegetation and reduce rutting during construction. Prior to construction, install sediment controls, including silt fences, containment structures, collection and diversion ditches, sediment traps, and sediment ponds prior to and maintain them during construction activities. Use of these mitigation measures will be described in the Construction Environmental Management Plan (CEMP)	First sentence - WMOP, s. 9.1 (Table 9-1); Second half is described with slightly different wording in CEMP Table 9.7-1; 9.9-2; 9.10-1; 9.12-1. Each measure is described in the Surface Erosion Prevention and Sediment Control Plan (SEPSCP): Silt fencing at 7.3.12; Containment systems at 7.1; Collection ditches at 7.3.4; sediment traps at 7.2; sediment control ponds at 7.3.1
			9	Adhere to Fisheries and Oceans Canada's (DFO's) Guidance on Measures to Avoid Causing Harm to Fish and Fish Habitat (DFO 2013, or as updated or replaced from time to time)[2], Approved Work Practices for Managing Riparian Vegetation (BC Hydro et al. 2003, or as updated or replaced from time to time)[3]	WMOP, s. 9.1 (Table 9-1) & s. 4.3
			10	Implement applicable best management practices identified in Wetland Ways: Interim Guidelines for Wetland Protection and Conservation in British Columbia (Cox and Cullington 2009, or as updated or replaced from time to time)[4], Riparian Management Area Guidebook (BC MOE 1995, or as updated or replaced from time to time)[5], and Forested Wetlands-Functions, Benefits, and the Use of Best Management Practices (Welsch et al. 1995, or as updated or replaced from time to time)[6]	WMOP, s. 9.1 (Table 9-1) & s. 4.3
			11	Place soil salvage stockpiles in locations where they will have no impact on natural drainages	WMOP s. 9.1 (Table 9-1)
			12	Locate fuel storage and refuelling activities outside riparian areas	WMOP s. 9.1 (Table 9-1)
			13	Direct all surface runoff from plant site grading, open pit development, TSF construction and waste rock storage area development to the TSF basin or other designed sediment control structures as will be described in the CEMP.	WMOP s. 9.1 (Table 9-1)
			14	Control metal leaching by separating contact and non-contact surface water through diversion dams and collection trenches as will be described in the Mine Waste and Water Management Plan	WMOP s. 9.1 (Table 9-1)
			15	Implement a Wetlands Management and Offsetting Plan (draft plan provided in Section 12.2.1.18.4.3 of the Application/EIS), including definition of wetland buffer zones and implementing a 30 metre vegetation buffer to protect wetland function	WMOP s. 9.1 (Table 9-1)
			16	Construct the Northern and Southern diversions during the Construction phase to supplement the Freshwater Supply System (FWSS) (i.e., Tatelkuz Lake water) to mitigate changes in flows in Davidson Creek and Chedakuz Creek, downstream of Tatelkuz Lake, and provide flexibility in apportionment of flow to Davidson Creek during Operations, Closure and Post-Closure, as will be described in the Mine Waste and Water Management Plan.	WMOP s. 9.1 (Table 9-1)
			17	Locate project components, including roads and transmission line poles away from wetlands and riparian areas and alongside existing disturbed areas and existing infrastructure footprints, as will be described in the Construction Environmental Management Plan	WMOP s. 9.1 (Table 9-1)
			18	Minimize the mine site footprint and avoid large scale clearing of old-growth forest, riparian stands and lichen-rich stands, as described in the CEMP	WMOP s. 9.1 (Table 9-1)
			19	Pump water from Tatelkuz Lake to meet Davidson Creek instream flow needs (IFN) until the end of Closure	WMOP s. 9.1 (Table 9-1)
			20	Implement a LSVMRP (draft plans provided in Section 12.2.1.18.4.4 of the Application/EIS), ISMP (draft plan in Section 12.2.1.18.4.5 of the Application/EIS), and End Land Use Plan, including progressive reclamation using local native vegetation, or appropriate commercially grown, weed-free native species	WMOP s. 9.1 (Table 9-1); ELUP s. 5.1.1.2, Appendix B (Table 2)

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			21	Use existing roads and follow existing linear disturbances to support transmission line construction. The final routing and required access roads will be established as part of the Final Transmission Line Routing Plan.	Final Transmission Line Routing Plan (FTLRP) s. 7.1; Transmission Line (TL) CEMP s. 9.10 (Table 9.10-1); WMOP s. 9.1 (Table 9-1)
			22	Place towers/poles away from the banks of rivers as will be described in the Final Transmission Line Routing Plan	WMOP s. 9.1 (Table 9-1)
			23	Identify no-work and management work zones (with restrictions, including no heavy machinery, etc.) and setbacks in accordance with best management practices (BC MFLNRO, 2014, or as updated or replaced from time to time), as will be described in the CEMP	CEMP s. 3 & s. 4
			24	Flag or otherwise identify clearing limits as appropriate	WMOP s. 9.1 (Table 9-1)
			25	Follow the Riparian Management Area Guidebook (BC MOF 1995, or as updated or replaced from time to time) when falling trees and removing accidentally introduced debris near wetlands	WMOP s. 4.3 & s. 9
			26	Implementing progressive wetland restoration during construction consistent with the concept of no-net-loss of wetlands	WMOP s. 9.1 (Table 9-1)
			27	Locate project components away from wetlands and riparian areas as will be described in the CEMP	WMOP s. 9.1 (Table 9-1)
4	**Ecosystem Composition** (Indicators: ecosystem distribution, riparian areas, old growth forest, sparsely vegetated ecosystems, traditional use plants habitat)				
		C, O, CL, PC	1	Avoid riparian areas and old growth forests, as will be described in the Construction Environmental Management Plan	Caribou Mitigation and Monitoring Plan (CMMP), s. 3.1, Old Growth Forest SOP included with CEMP
			2	Use existing roads and cleared areas and maximize the use of existing areas of disturbance, as will be described in the CEMP	CEMP 9.11.1 (Table 9.11-1)
			3	Identify no-work and management work zones (with restrictions, including no heavy machinery, etc.) and setbacks in accordance with best management practices (BC MFLNRO, 2014, or as updated or replaced from time to time)	CEMP s. 3 & s. 4
			4	Implement construction best management practices to mitigate for altered hydrology (including at least installing appropriate culverts where required, and maintaining functioning water tables and drainage throughout all phases)	CEMP s.9.10, Table 9.10-1
			5	Follow *Approved Work Practices for Managing Riparian Vegetation* (BC Hydro 2003, or as updated or replaced from time to time) for work in and around water	WMOP s.4.3; CEMP s.9.12
			6	Implement an End Land Use Plan, including plans for progressive reclamation and reforestation, and use of weed-free seed for reclamation	End Land Use Plan (ELUP) s. 5.1.2, 5.1.3, Appendix B (Table 2); Vegetation Management Plan (VMP) s. 8.1, Table 8.1-1; Reclamation and Closure Plan (RCP) s. 4.2.4 (and throughout the Plan)
			7	Implement a CEMP, including identification of erosion control measures (including at least: proper ditching, reducing slopes and placement of soil salvage piles, diversion and runoff collection ditches, sediment control ponds, erosion control mats and use of flocculants)	CEMP s. 9.9 (Table 9.9-2); SEPSCP s.7.3.4,
			8	Incorporate traditional knowledge in the finalization of the proposed new transmission line alignment to avoid impacting important sites and/or reduce adverse impacts on Aboriginal rights and interests	FTLRP s. 8
			9	Adhere to Fisheries and Oceans Canada's (DFO's) Guidance on Measures to Avoid Causing Harm to Fish and Fish Habitat (DFO 2013, or as updated or replaced from time to time) , Approved Work Practices for Managing Riparian Vegetation (BC Hydro et al. 2003, or as updated or replaced from time to time)	WMOP s. 4.3

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ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			10	Implement applicable best management practices identified in Wetland Ways: Interim Guidelines for Wetland Protection and Conservation in British Columbia (Cox and Cullington 2009, or as updated or replaced from time to time) , Riparian Management Area Guidebook (BC MOF 1995, or as updated or replaced from time to time) , and Forested Wetlands-Functions, Benefits, and the Use of Best Management Practices (Welsch et al. 1995, or as updated or replaced from time to time)	WMOP s. 9
			11	Minimize disturbing areas outside or adjacent to areas targeted for clearing (including machinery and equipment movement, or extent of grubbing and stripping)	TL CEMP s. 9.8 (Table 9.8-1)
			12	Implement the LSVMRP and ISMP (draft plans provided in Section 12.2.1.18.4.4 and 12.2.1.18.4.5 of the Application/EIS), including measures to manage plant species at risk and reduce the introduction and spread of invasive species, and replanting procedures	Invasive Plant Management Plan (IPMP) s. 8.1
			13	Protect natural drainages and watercourses by constructing appropriate on-site sediment control devices (including collection and diversion ditches, sediment traps, sediment ponds) and use of flocculants	WMOP s. 9.9 (Table 9.9-2) and SEPSCP
			14	Avoid grubbing, stripping, and removal of shrubs and herbaceous species in areas requiring clearing to retain the topsoil and vegetation root mat, as will be described in the CEMP	CEMP s. 9.11 (Table 9.11-1)
			15	Minimize the mine site footprint and avoid hazardous terrain	CEMP Table 9.9-2, Table 9.10.1, Table 9.11.1, Table 15.9.1
			16	Machines will be used on frozen soils with snow cover to reduce incidental damage and exposure of humus or soils and retain shrub and herb cover, thereby minimizing effects to plant species and ecosystem functions	CEMP s. 9.1
			17	Avoid increasing disturbance within remaining areas of intact forests (i.e., areas with low levels of landscape disturbance), notwithstanding the disturbance described in the CPD	FTLRP s. 7.1
			18	Consult with First Nations on the development of the Landscape, Soils and Vegetation Management and Restoration Plan (LSVMP)	IPMP s. 2.2; VMP, s. 2.1
			19	Clean earth moving vehicles prior to entering the mine site	CEMP s. 9.9 (Table 9.9-3)
			20	Provide orientation to workers on whitebark pine identification to minimize the disturbance to whitebark pine	VMP s. 3.1; Whitebark Pine Management Plan (WPMP), s. 9 (Table 9–1)
5	**Plant Species and Ecosystems and Risk** (Indicators: whitebark pine, plant species at risk habitat, ecosystems at risk)				
		C, O, CL, PC	1	Avoid grubbing, stripping, and removal of shrubs and herbaceous species in areas requiring clearing to retain the topsoil and vegetation root mat, as will be described in the CEMP	CEMP s. 9.11 (Table 9.11-1)
			2	Flag or otherwise identify clearing limits as appropriate	CEMP s. 9.10 (Table 9.10-1); WMOP s. 9.1 (Table 9-1)
			3	Provide orientation to workers on whitebark pine identification to minimize the disturbance to whitebark pine	VMP s. 3.1; WPMP, s. 9 (Table 9-1)
			4	Prior to Construction, develop fire management plans, including consideration of whitebark pine on Mt Davidson in suppression planning, and provision of information to the Wildfire Management Branch on whitebark pine distribution to help inform suppression efforts	WPMP s. 9 (Table 9-1)
			5	Decommission and restore the existing exploration access road and Mt. Davidson exploration road during the Construction phase	WPMP s. 1; CEMP s. 1 (Decommissioning of the existing exploration access road is described in section 1 of the CEMP and WPMP)
			6	During the early years of Operations, deactivate and decommission access roads that are constructed to support transmission line construction to limit predator movements and vision along the line	TLCEMP, s. 9.10 (Table 9.10-1)
			7	Minimize disturbing areas outside or adjacent to areas targeted for clearing (including machinery and equipment movement, or extent of grubbing and stripping)	CEMP 15.9 (Table 15.9-1)
			8	Use existing roads and cleared areas and maximize the use of existing areas of disturbance, as will be described in the CEMP	CEMP s. 9.11 (Table 9.11-1)

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			9	Implement best management practices for mitigating windthrow effects based on BCTS Windthrow Management Manual (Zielke et al. 2010, or as updated or replaced from time to time)	CEMP s. 9.9 (Table 9.9-1)
			10	Implement best management practices from BC Hydro's Integrated Vegetation Management Plan: For Transmission Rights-of-way (BC Hydro 2016, or as updated or replaced from time to time)	VMP s. 4.4 and s. 8.3 (Table 8.3-3) Plan reads: BC Hydro. 2016. Integrated Vegetation Management Plan for BC Hydro Transmission and Distribution Power Line Corridors.
			11	Implement an End Land Use Plan that describes reclamation of mine landforms using whitebark pine, including the west waste rock dump in the context of the end land use objectives	ELUP s. 5.1.2, 5.1.3.2, Appendix B (Table 2); WPMP s. 9 (Table 9-1)
			12	Planting trials to identify survival rates and adaptive measures to guide reclamation practices	RCP s. 4.2.5.1
			13	Transplantation of healthy trees from impacted areas to undisturbed areas or designated reclamation areas, as will be described in the End Land Use Plan	WPMP, s. 8.2.3, 9.1, CEMP Table 9.9-1; ELUP s. 5.1.2, Appendix B (Table 2)
			14	Reporting and onsite fire suppression of wildfires will reduce wildfire risks for whitebark pine	WPMP, s. 9 (Table 9-1)
			15	If required in the event of an mountain pine beetle outbreak, verbenone will be applied to whitebark pine trees that exhibit resistance to blister rust	WPMP, s.9 (Table 9-1)
			16	Clean earth moving vehicles prior to entering the mine site	CEMP s. 9.9 (Table 9.9-3)
			17	Comply with the StFN herbicide use policy in StFN territory	VMP s. 8.2; TLCEMP s. 9.8 (Table 9.8-2)
			18	Implement an End Land Use Plan, including use of weed-free seed for reclamation	ELUP s. 5.1.3.3; VMP s. 8.1 (Table 8.1-1)
6	**Amphibians**				
		C, O, CL, PC	1	Restrict clearing of terrestrial amphibian breeding habitats to periods outside of the amphibian breeding season (1 April to 30 September) as per ECCC guidance, or conduct pre construction and pre-clearing surveys and amphibian salvage if clearing is required during the breeding season	WMMP, s. 4.1
			2	Locate the transmission line in disturbed areas, as will be described in the Final Transmission Line Routing Plan	TLCEMP s. 9.10 (Table 9.10-1)
			3	Locate project components away from wetlands and riparian areas, as will be described in the CEMP	WMOP s. 9.1 (Table 9-1)
			4	Use existing roads and follow existing linear disturbances and cleared areas to support transmission line construction, as will be described in the CEMP	FTLRP s. 7.1; TLCEMP s. 9.10 (Table 9.10-1); WMOP s. 9.1 (Table 9–1)
			5	When not avoidable, locate proposed access roads and transmission lines away from wetland and riparian areas or spanning wetlands	WMOP s. 9.1 (Table 9-1)
			6	Identify no-work and management work zones (with restrictions including no heavy machinery, etc.) and setbacks in accordance with best management practices (BC MLFNRO 2014, or as updated or replaced from time to time)[7], as will be described in the CEMP	CEMP s. 9.11 (Table 9.11-1); WMMP s. 3.5
			7	Implement a LSVMRP (draft plans provided in Section 12.2.1.18.4.4 of the Application/EIS), ISMP (draft plan in Section 12.2.1.18.4.5 of the Application/EIS), and End Land Use Plan to provide wildlife habitat including for amphibians, including progressive reclamation using local native vegetation, or appropriate commercially grown, weed-free native species	WMOP s. 9 (Table 9-1), WMMP, S. 4.1; ELUP s. 5.1.2, Appendix B (Table 2)
			8	Discharge effluent that will meet guidelines for the protection of aquatic life, or site-specific water quality objectives, so that no adverse water quality effects to amphibians are anticipated	CEMP s. 9.11 (Table 9.11-1); WMMP s. 3.5
			9	Design linear features to avoid riparian areas, old growth forests, and wetlands, as will be described in the CEMP	CEMP, S. 9.4, Riparian Areas Management SOP, Old Growth Forests SOP, Wetlands Management SOP

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			10	Follow Approved Work Practices for Managing Riparian Vegetation (BC Hydro 2003, or as updated or replaced from time to time)[6] for work in and around water	VMP s. 8.3 (Table 8.3-1); CEMP 9.12 (Table 9.12-1)
			11	Retain coarse woody debris where appropriate for microshelter habitat, as described in the Wildlife Management and Monitoring Plan	WMMP s. 3.3.2
			12	Implement a Wildlife Management and Monitoring Plan (draft plan in Section 12.2.1.18.4.6), including adhering to Guidelines for Amphibian and Reptile Conservation during Urban Rural Land Development in British Columbia (BC MFLRNO 2014, or as updated or replaced from time to time)	WMMP s. 4.1.2
			13	Implement adaptive management measures to deter water birds and amphibians from the TSF and pit lake waters, as will be described in the Wildlife Management and Monitoring Plan	WMMP s. 3.10
			14	Implement a salvage plan that identifies relocation sites and outlines salvage operations prior to Construction during breeding season in potential Western toad habitat	WMMP s. 4.1.3.3
			15	Restrict clearing of terrestrial amphibian breeding habitats to periods outside of the amphibian breeding season (1 April to 30 September) as per ECCC guidance, or conduct pre construction and pre-clearing surveys and amphibian salvage if clearing is required during the breeding season. If salvage is required, adhere to the Best Management Practices for Amphibian and Reptile Salvages in British Columbia (BC MFLNRO 2016, or as updated or replaced from time to time)	WMMP s. 4.1 (and 4.1.2)
			16	Restrict Project vehicles to designated roads and trails. Private vehicle access to the mine site will be limited to authorized personnel. Use of mine vehicles for recreational purposes will be prohibited at all times	CEMP s. 9.1 (Table 9.1-1)
			17	Follow best management practices as described in the Guidelines for Amphibian and Reptile Conservation during Urban Rural Land Development in British Columbia (BC MFLRNO 2014, or as updated or replaced from time to time)[11] as will be described in the Wildlife Management and Monitoring Plan.	CEMP s. 9.1 (Table 9.1-1)
			18	Maintain or enhance existing drainage connections when designing and installing culverts for cross drainage, and avoid creating outlets that either drain wetlands or constrict the natural outlet during construction, as will be described in the CEMP	CEMP s. 9.10 (Table 9.10-1); WMOP s. 9.1 (Table 9-1)
			19	Protect natural drainages and watercourses by constructing appropriate on-site sediment control devices (including collection and diversion ditches, sediment traps, sediment ponds) and use of flocculants	CEMP s. 9.9 (Table 9.9-2)
			20	Include wildlife awareness information in regular mine safety and environmental orientations. Topics may include: • Access road use and haulage operating protocols; • Restricted access recreation proscription rules; • No hunting / no fishing policy; • Wildlife observation and interaction reporting procedures; • Bear awareness program; • Waste management procedures; and • Wildlife sensitive locations/timing as applicable	WMMP Appendix A (of Appendix D)
			21	Wildlife will be given the ROW along all project-controlled roads	WMMP s. 9.11 (Table 9.11-1)
			22	Implement preventative protocols for cleaning of equipment (i.e. construction and excavation) of invasive species and Chytrid fungus, according to government and industry standards	CEMP s. 9.11.2
			23	Select revegetation species that minimize attraction of wildlife to roadsides	VMP s. 8.1 (Table 8.1-1); CEMP s. 9.9 (Table 9.9-1); WMMP s. 3.6.3

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			24	Post signs along Project-controlled roads to identify amphibian crossings in areas of high wildlife activity, including potential toad crossings near breeding sites. If amphibian mortality on roadways is identified along Project Roads, adaptive management measures will be implemented which may include additional consideration for amphibian passage including assisted crossing, tunnel and fence systems or limitations on timing of traffic movement in that area. Additional information on the conditions under which the mitigation measures and adaptive management will be implemented will be described in the WMMP	CEMP s. 9.11 (Table (9.11-1)
			25	Final pit walls will be left steepened to limit littoral zone and discourage emergent and wetland vegetation growth, as will be described in the End Land Use Plan	ELUP s. 5.1.3.2
			26	The holder will work with FLNRORD and Stellat'en First Nations to address potential access management issues related to the Stellako WMA. The holder will include monitoring of potential project related effects in the Stellako WMA as part of its Wildlife Management and Monitoring Plan. Should unanticipated effects be observed in the Stellako WMA associated with the transmission line, the holder will consider appropriate offset activities for those impacts in consultation with FLNRORD and the Stellat'en First Nations	WMMP s. 1.4
7	**Bats**				
		C, O, CL, PC	1	Timing windows used for vegetation clearing will be based on local information of the timing of roosting/ rearing versus hibernation	WMMP s. 4.2.2
			2	Minimize the mine site footprint and avoid clearing of old-growth forest, as will be described in the CEMP	WMOP s. 9.1 (Table 9-1)
			3	Adhere to Best Management Practices Guidelines for Bats in British Columbia (Holroyd, S.L. and V.J Craig. 2016, or as updated or replaced from time to time)[9], as will be described in the WMMP	WMMP 4.2.2
			4	Minimize sensory disturbance due to noise in areas adjacent to the mine site and airstrip, including use of noise abatement technology, equipment placement, regular equipment maintenance, and enforcement of speed limits	NVEMMP, s. 10.1
			5	Locate the transmission line in disturbed areas, as described in the Final Transmission Line Routing Plan	TLCEMP s. 9.10 (Table 9.10-1)
			6	Locate project components away from wetlands and riparian areas, as will be described in the CEMP	WMOP s. 9.1 (Table 9-1)
			7	Use existing roads and follow existing linear disturbances and cleared areas to support transmission line construction, as will be described in the CEMP	FTLRP s. 7.1;
			8	Implement a LSVMRP (draft plans provided in Section 12.2.1.18.4.4 of the Application/EIS), ISMP (draft plan in Section 12.2.1.18.4.5 of the Application/EIS), and End Land Use Plan, including progressive reclamation using local native vegetation, or appropriate commercially grown, weed-free native species	WMOP s. 9.1 (Table 9-1); ELUP s. 5.1.2, Appendix B (Table 2)
			9	Implement an End Land Use Plan, including plans for progressive reclamation and reforestation	ELUP s. 5.1.2, Appendix B (Table 2); RCP s. 4.2.4 (and throughout the Plan)
			10	Adhere to federal guidance to prevent the spread of white nose syndrome, as outlined in Western Canada White Nose Syndrome Transmission Prevention (CWHC 2015, or as updated or replaced from time to time)	WMMP s. 3.2
			11	Locate roads and transmission line poles away from wetland and riparian areas, as will be described in the CEMP	WMOP s. 9.1 (Table 9-1)

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			12	Minimize light disturbance in areas adjacent to the mine site by limiting the use of outside artificial lighting to areas where necessary for safe operation of the Project, including directional lighting and lighting that is activated by motion detector(s) as will be described in the Wildlife Management and Monitoring Plan	WMMP s. 3.1
			13	Include wildlife awareness information in regular mine safety and environmental orientations. Topics may include: • Access road use and haulage operating protocols; • Restricted access recreation proscription rules; • No hunting / no fishing policy; • Wildlife observation and interaction reporting procedures; • Bear awareness program; • Waste management procedures; and • Wildlife sensitive locations/timing as applicable	WMMP Appendix A (of Appendix D)
			14	Mitigate for loss and degradation of adjacent riparian wildlife habitats will occur by designating well demarcated no-work zones, management work zones (with restrictions, including no heavy machinery), and setbacks in accordance with the Forest and Range Practices Act Best Management Practices (BC MFLNRO, 2014, or as updated or replaced from time to time) as will be described in the CEMP.	CEMP s. 3 & s. 4
8	**Caribou**				
		C, O, CL, PC	1	Manage vegetation by foot during operation of the line, accessed from existing forest roads	TLCEMP Table 9.8-1
			2	Identify caribou movement corridors and install and maintain wildlife crossing signs at identified corridors that intersect Project-controlled roads	CEMP 9.11 (Table 9.11-1); CMMP, s. 3.2
			3	Minimize the mine site footprint and avoid large scale clearing of old-growth forest, riparian stands and lichen-rich stands, as described in the CEMP	CMMP s. 3.1; WMOP s. 9.1 (Table 9-1) , Old Growth Forest Management SOP, Riparian Areas Management SOP, CEMP Table 9.10-1, Table 9.11-1, Table 15.9-1
			4	Construct the mine access road to the mine site to avoid ungulate winter range (HE-1-001 Mt. Davidson)	CMMP s. 3.1
			5	Implement progressive reclamation using local native vegetation or appropriate commercially grown, weed-free native species pursuant to the End Land Use Plan (Section 2.6 of the Application/EIS)	WMOP s. 9.1 (Table 9-1); ELUP s. 5.1.2.3, Appendix B (Table 2)
			6	Support non-habitat based tools for caribou recovery identified in the provincial Draft Caribou Recovery Program and/or the Tweedsmuir Herd Plan when it becomes available	CMMP s. 5.6
			7	Locate the transmission line in disturbed areas, as described in the CEMP	TLCEMP s. 9.10 (Table 9.10-1)
			8	Use existing roads and follow existing linear disturbances and cleared areas to support transmission line construction, as described in the CEMP	FTLRP s. 7.1; TLCEMP s. 9.10 (Table 9.10-1); WMOP s. 9.1 (Table 9–1)
			9	Enforce speed limits and post signs along Project-controlled roads to identify caribou sensitive areas including migration routes and seasonal feeding areas	CMMP s. 3.2
			10	Implement best management practices for road surface maintenance (including dust suppression measures) to allow good vehicle line of sight and control to reduce potential collisions with wildlife	AQDMP, s. 7.2, 1.4, 5.1.1, Appendix D - Dust Emissions SOP WMMP 3.6, 3.6.3, 4.7.3.2
			11	Minimize attraction of wildlife to roadsides using adaptive management measures, including avoiding the use of road salts, removing carrion, and selection of appropriate revegetation species along Project-controlled access roads	CMMP s. 3.2 and WMMP s. 3.6.3

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			12	Select re-vegetation species that minimize attraction of wildlife to roadsides to reduce potential for vehicle collisions and predation as described in the WMMP (draft plan provided in Section 12.2.1.18.4.6 of the Application/EIS)	CMMP s. 3.2 and WMMP Appendix A (of Appendix D); WMMP s. 3.6.3
			13	Include wildlife awareness information in regular mine safety and environmental orientations. Topics may include: • Access road use and haulage operating protocols; • Restricted access recreation proscription rules; • No hunting / no fishing policy; • Wildlife observation and interaction reporting procedures; • Bear awareness program; • Waste management procedures; and • Wildlife sensitive locations/timing as applicable	WMMP Appendix A (of Appendix D)
			14	An access management plan will be developed for the project, with consideration of caribou predator activity	CMMP, S. 3.4
			15	Avoid riparian areas and old growth forests, as will be described in the Construction Environmental Management Plan	CMMP s. 3.1
			16	Place natural cover including rock piles and woody debris piles in open areas to reduce predator efficiency and create temporary visual cover for caribou pursuant to the End Land Use Plan (draft plan provided in Section 2.6 of the Application/EIS)	ELUP s. 5.1.2.3
			17	Implement an LSVMRP, including minimizing ground disturbance and damage to vegetation, as described in the CEMP	Mitigation measures to minimize ground disturbance are addressed in CEMP s. 9.11 (Table 9.11-1) but is not described - reference is made to s. 8 of the VMP but no considerations regarding ground disturbance are described there.
			18	Place woody debris on the surface of upland slopes and between rocks and along the slopes, parallel and perpendicular with the slopes, to provide habitat features for security of caribou and to foster habitats not suitable for alternate prey species	CMMP s. 3.2
			19	Manage mine air traffic as a means to mitigate effects to caribou	CMMP s. 3.2
			20	No recreation trails will be allowed in sensitive habitat, including grizzly bear or caribou habitat	CMMP s. 3.1 and WMMP Appendix A (of Appendix D)
			21	Collaborate with FLNRORD and First Nations on appropriate site treatment options to provide habitat features for security of caribou and to foster habitats not suitable for alternate prey species. Including placing woody debris on the surface of upland slopes (including the waste rock pile), and scarifying and replanting surfaces.	CMMP s. 4, 5
			22	Restore disturbed habitats at mine closure or develop appropriate habitats capable of supporting caribou and other wildlife, as per the Recovery Strategy for Woodland Caribou, Southern Mountain Population (Rangifer tarandus caribou) in Canada (ECCC 2014, or as updated or replaced from time to time)[10] and/or the provincial Draft Caribou Recovery Program and/or the Tweedsmuir Herd Plan when it becomes available	CMMP, s. 2.1, 4, 5
			23	Minimize sensory disturbance due to noise and light, including directional lighting and lighting that is activated by motion detector(s), noise abatement technology, equipment placement, regular equipment maintenance, and enforcement of speed limits, as will be described by the Wildlife Monitoring and Management Plan	WMMP, s. 3.1 and Appendix A (of Appendix D); NVEMMP, s. 10.1
			24	All mine vehicles and mobile equipment, including authorized private vehicles, will be equipped with or escorted by vehicles with two-way radios when travelling along Project-controlled roads. All encounters with wildlife will be recorded and reported to mine environmental and other relevant personnel as soon as safe to do so. This includes any encounters that result in injury or mortality to wildlife. Reports of wildlife frequenting Project-controlled roads will be provided to monitoring committees in accordance with agreed to terms of reference and protocols for follow-up and review of mitigation measure effectiveness.	WMMP s. 3.6.2, CEMP Table 9.11-1

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			25	Use buses and/or airplanes, instead of personal transportation, to transport workers to the mine site during Construction and Operations to reduce emissions, as will be described in the Community Effects Monitoring and Management Plan	CEMMP, s. 8.4, CEMP Table 9.11-1
			26	When travelling above the UWR, where safe to do so, maintain fixed wing aircraft above 400 m (1300 feet), consistent with the current guidelines for the Compendium of Wildlife Guidelines for Northern BC. This mitigation would not apply to aircraft during landing	WMMP s. 3.7
			27	Decommission and restore the existing exploration access road during the Construction phase	CMMP 3.3.1
			28	Maintain vegetated buffers adjacent to mine facilities and roads. Exceptions will include areas that will be managed for wildlife and human safety as will be described in the CEMP	VMP s. 8.1 (Table 8.1-1), CEMP Table 9.9-1, Table 9.12-1
			29	Staff will be made aware of any locations of high animal activity on access roads and the appropriate actions to be taken	CEMP s. 9.11 (Table 9.11-1)
			30	The holder will implement the following measures: • Using practices that minimize odours from human-generated wastes; • Implementing a bear awareness program; • Scheduling timely and appropriate waste disposal; • Incinerating putrescible waste as soon as practical, or otherwise not allowing it to accumulate except where in appropriate containers; • Storing wastes in wildlife-proof containers, including trash cans and dumpsters with a bear-resistant design and considerations to contain odours. Waste containers will be repaired and maintained regularly; and • Using fencing or other means to exclude terrestrial wildlife from waste storage areas.	WMMP Appendix A (of Appendix D)
			31	Include wildlife awareness information in regular safety and environmental inductions performed by the mine. Awareness to specifically cover beavers, grizzly bear, caribou, moose, and waterbirds	WMMP Appendix A (of Appendix D)
			32	Implementing caribou awareness and protocols in regular safety and environmental orientations performed by the mine. Workers and contractors will be made aware of seasonal changes in caribou behaviour or presence near the mine; and Implementing dust control measures as defined in the Air Quality and Emissions Management Plan (Section 12.2.1.18.4.9), and avoiding use of road salts to reduce attractants that might draw caribou close to roads. Material to be covered by the orientation to be tailored to individual job functions and potential impacts to caribou	CMMP s. 3.2; AQDMP s. 8.2 and appendix D;
			33	A Transportation and Access Management Planning Committee and a Traditional Knowledge/ Traditional Land Use Committee will be established. The holder will engage Indigenous groups and regulators in development of the terms of reference which will include a review of the adequacy of mitigation measures for caribou, as will be described in the Wildlife Monitoring and Management Plan	CMMP s. 3.4, WMMP s 3.4
			34	The holder will establish an Access Management Working Group and invite participation from Aboriginal Groups, appropriate regulators and local communities. Input will be used to inform the Construction Environmental Management Plan (CEMP). The CEMP will include a component to monitor the effectiveness of mitigation measures and adaptive management	CMMP s. 3.4, WMMP s. 3.4
			35	Conduct winter moose and caribou surveys prior to construction. The survey design will be developed during permitting in consultation with the Ministry of Forests, Lands and Natural Resource Operations and First Nation communities. The surveys will be repeated at least every five years to monitor trends during operations. Survey results could be incorporated by the province into regional initiatives	CMMP s. 6.2.2
			36	Utilize existing roads and trails for access to the line for construction. The only new roads or trails would be temporary and would be located within the transmission line right-of-way, which will limit the creation of additional early seral habitat	TLCEMP Table 9.10-1

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			37	Evaluate available telemetry data to assess seasonal movements of caribou relative to the Project. This data will be used to inform development of the detailed Wildlife Monitoring and Management Plan	CMMP s. 6.2.2 and WMMP 4.4.3.3
9	**Forest and Grassland Birds**				
		C, O, CL, PC	1	Locate project components away from wetlands, as will be described in the CEMP	WMOP s. 9.1 (Table 9-1)
			2	Minimize the mine site footprint and avoid large scale clearing of old-growth and mixed wood forest and riparian areas, as will be described in the CEMP	CMMP s. 3.1; WMOP s. 9.1 (Table 9-1)
			3	Avoid vegetation clearing during bird breeding windows. If clearing required during breeding bird window, conduct point surveys and/or other survey techniques consistent with ECCC guidance (Avoidance of Detrimental Effects to Migratory Birds (Incidental Take), Avoidance Guidelines: General Nesting Periods of Migratory Birds in Canada. 2016, and Avoidance of Detrimental Effects to Migratory Birds (Incidental Take), Avoidance Guidelines: Technical Information. 2016, or as updated or replaced from time to time) and RISC/RIC standards. These pre-clearing surveys will consider the specific habitat requirements and survey protocols for listed species at risk, including rusty blackbird, olive-sided flycatcher, barn swallow, bank swallow, black swift, and common nighthawk.	WMMP s. 4.7
			4	Minimize sensory disturbance due to noise and light to areas adjacent to the mine area and airstrip, including directional lighting and lighting that is activated by motion detector(s), noise abatement technology, equipment placement, regular equipment maintenance, and enforcement of speed limits on Project-controlled roads	WMMP, s. 3.1 and Appendix A (of Appendix D); NVEMMP, s. 10.1
			5	Retain and enhance forest edge habitat along road areas to provide escape or thermal cover for passerines (or birds), as will be described in the CEMP	WMMP 3.3.2
			6	Retain coarse woody debris and large snags where appropriate for microshelter habitat for birds	WMMP s. 3.3.2
			7	Implement progressive reclamation using local native vegetation or appropriate commercially grown, weed-free native species, including use of conifers and whitebark pine in suitable sites, pursuant to the LSVMRP (draft plan provided in Section 12.2.1.18.4.4 of the Application/EIS), and the End Land Use Plan (draft plan in Section 2.6 of the Application/EIS),	WMOP s. 9.1 (Table 9-1); ELUP s. 5.1.2, Appendix B (Table 2)
			8	Monitor for Clark's nutcracker, and integrate the results into adaptive management measures as described in the WMMP (draft plan provided in Section 12.2.1.18.4.6)	WMMP s. 4.7.3.7
			9	Identify no-work and management work zones (with restrictions, including no heavy machinery, etc.) and setbacks in accordance with best management practices (BC MFLNRO, 2014, or as updated or replaced from time to time) as will be described in the CEMP	CEMP s. 3 & s. 4
			10	Avoid riparian areas and old growth forests, as will be described in the CEMP	CMMP s. 3.1
			11	Use existing roads and cleared areas, and maximize the use of existing areas of disturbance, as will be described in the CEMP	CEMP 9.11.1 (Table 9.11-1)
			12	Locate the transmission line in disturbed areas, as will be described in the CEMP	TLCEMP Table 9.10-1
			13	Use existing roads and follow existing linear disturbances and cleared areas to support transmission line construction, as will be described in the CEMP	FTLRP s. 7.1; WMOP s. 9.1 (Table 9-1)
			14	Implement best management practices for road surface maintenance to allow good vehicle line of sight and control to reduce potential collisions	WMMP Appendix A (of Appendix D)

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			15	Include wildlife awareness information in regular mine safety and environmental orientations. Topics may include: • Access road use and haulage operating protocols; • Restricted access recreation proscription rules; • No hunting / no fishing policy; • Wildlife observation and interaction reporting procedures; • Bear awareness program; • Waste management procedures; and • Wildlife sensitive locations/timing as applicable	WMMP Appendix A
			16	No recreation trails will be allowed in sensitive habitat, including forest and grassland bird habitat	WMMP s. 3.1
			17	Minimize attraction of wildlife to roadsides using adaptive management measures, including avoiding the use of road salts, removing carrion, and selection of appropriate revegetation species along Project-controlled access roads	CMMP s. 3.2 and WMMP s. 3.6.3
			18	Wildlife will be given the right-of-way by mine vehicles along all roads associated with the mine, and site orientation will include measures for avoidance of vehicle/wildlife encounters	WMMP s. 3.6.2
			19	Reporting any habitat feature (including at least nests, dens, mineral licks) encountered during the course of work activities by mine personnel or contractors to mine environmental staff immediately for follow-up actions as required as will be described in the WMMP.	WMMP s. 4 and Appendix A (of Appendix D)
			21	Implement a WMMP (draft plan provided in Section 12.2.1.18.4.6 of the Application/EIS), including adaptive management measures for the TSF and open pit waters, as required, monitoring program for the transmission line (monitor and investigate bird mortality) and implement adaptive measures to reduce further mortality, A QP will evaluate the effectiveness of the transmission line mitigation measures and the frequency of monitoring after the first three years of transmission line operation and the holder will report these results to the EAO and Aboriginal Groups	WMMP s. 1; s. 4.7.3.9; 4.7.3.11; s. 4.7.3.6; s. 6.1
			22	Habituated animals will be deterred for their own safety following a plan provided to the provincial Conservation Officer Service. The plan will be included as part of the Wildlife Monitoring and Management Plan	WMMP s. 3.10; Appendix A (of Appendix D)
			23	All mine vehicles and mobile equipment, including authorized private vehicles, will be equipped with or escorted by vehicles with two-way radios when travelling along Project-controlled roads. All encounters with wildlife will be recorded and reported to mine environmental and other relevant personnel as soon as safe to do so. This includes any encounters that result in injury or mortality to wildlife. Reports of wildlife frequenting Project-controlled roads will be provided to monitoring committees in accordance with agreed to terms of reference and protocols for follow-up and review of mitigation measure effectiveness.	WMMP s. 3.6.2
			24	Wildlife logs will be maintained to provide information regarding presence of wildlife and potential changes in use of areas over time	WMMP s. 5.1.1
			25	Maintain habitat diversity including vegetation age/successional structure and refrain from monocultural stocking when revegetating	ELUP 5.1.1.3, 5.1.2, 5.1.3.3, Appendix B (Table 2)
			26	Include wildlife awareness information in regular safety and environmental inductions performed by the mine. Awareness to specifically cover beavers, grizzly bear, caribou, moose, and waterbirds	WMMP Appendix A (of Appendix D)

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			27	For the first three years of operations of the transmission line, a technician of the holder under the guidance of a QP will conduct annual monitoring for bird mortalities during three periods throughout the year (spring migration, breeding, and fall migration). The QP's work will consider locations with a higher probability of mortality for birds, not just wetlands. Proposed monitoring locations, timing of monitoring, and an adaptive management plan including triggers for action will be outlined in the WMMP as part of the required submission during permitting. Monitoring results will be reported annually in the WMMP compliance report. The outcome of the assessment will further inform adaptive management procedures and future monitoring programs. As part of the adaptive management plan, consideration will be given to updating the WMMP to reduce monitoring requirements for transmission line conductor strikes should results of the initial three year monitoring period indicate the potential for strikes has been adequately mitigated. Conversely, additional mitigation and monitoring may be triggered, should results warrant.	WMMP s. 4.7.3.6
			28	Use LiDAR imagery or other suitable survey methods of the Matthew Creek Ranch Wetland Compensation Site to identify drainage lines that might have been installed in the past as part of the planning and implementation of wetland compensation measures, as will be described in the Wetland Management and Offsetting Plan	WMOP s. 1.5 (Table 1.5.2-2)
			29	Commitment for selection of species for monitoring and identification of monitoring objectives and compensation success criteria prior to the start of construction. Commitment for field work during permitting, and if species at risk, representative of those that will be impacted by the Project are not observed in at least some of the reference wetlands, replacement wetlands will be located with representative species at risk, as will be described in the Wetland Management and Offsetting Plan	WMOP s. 3.9, appendices E and F
			30	Design of the transmission line to avoid wetlands, particularly areas of high bird activity, as will be described in the Final Transmission Line Routing Plan	FTLRP (Phase 2) s. 7.3, Appendix B
			31	Deploy markers along areas of the transmission line that might pose higher mortality risk, as will be described in the Wildlife Monitoring and Management Plan	WMMP s. 3.4
			32	Implement a monitoring program along the transmission line. Monitoring will include: monitoring bird mortality along the line, investigating any bird mortality incidents, and implementing adaptive management to prevent further mortality, as will be described in the Wildlife Monitoring and Management Plan	WMMP s. 4.7.3.6
			33	Utilize existing roads and trails for access to the line for construction. The only new roads or trails would be temporary and would be located within the transmission line right-of-way, which will limit the creation of additional early seral habitat	CMMP s. 3.1; CEMP s. 9.11
			34	The holder will work with FLNRORD and Stellat'en First Nations to address potential access management issues related to the Stellako WMA. The holder will include monitoring of potential project related effects in the Stellako WMA as part of its Wildlife Management and Monitoring Plan. Should unanticipated effects be observed in the Stellako WMA associated with the transmission line, the holder will consider appropriate offset activities for those impacts in consultation with FLNRORD and the Stellat'en First Nations	WMMP s. 1.4
			35	Progressively reclaim roads and other infrastructure when they are no longer in use to encourage the return of functioning habitat, as will be described in the CEMP	CEMP s. 9.11 (Table 9.11-1)
			36	Feathering forest edges is a method of reducing the potential for windthrow. The holder will be assessing the newly created forest edges for windthrow potential as part of the hazard tree assessment. In areas where windthrow risk is higher, a variety of mitigation can be used, including feathering, topping trees, or thinning the crowns of trees. The technique used will be site-specific and be decided by the environmental manager, as will be described in the CEMP	CEMP s. 9.9 (Table 9.9-1)

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			37	Enhance edges will be conducted as part of the assessment of hazard trees. Edges will be inspected for potential hazard trees that may fall into the transmission line ROW and contact either the transmission line poles or the conducting lines. Edges will also be inspected at the mine site for hazard trees that could fall into the mine footprint and may be a danger to personnel or equipment, as will be described in the CEMP	TL CEMP s. 9.8 (Table 9.8-1)
			38	Clear as little vegetation as possible to limit the total length of forest edge created, and thereby the total forested area potentially affected by edge effects, as will be described in the CEMP	WMMP s. 3.3.2
10	**Furbearers**				
		C, O, CL, PC	1	Implement adaptive management measures to deter furbearers from the TSF and pit lake	WMMP s. 3.10.3, 4.5.2.2, 4.7.3.9
			2	Minimize the mine site footprint and avoid large scale clearing of old-growth and mixed wood forest and riparian areas, as will be described in the CEMP	CMMP s. 3.1; WMOP s. 9.1 (Table 9-1)
			3	Locate the transmission line in existing disturbed areas, as will be described in the Final Transmission Line Routing Plan	TLCEMP s. 9.10 (Table 9.10-1)
			4	Use existing roads and follow existing linear disturbances to support transmission line construction, as will be described in the CEMP	TLCEMP s. 9.10 (Table 9.10-1); WMOP s. 9.1 (Table 9–1)
			5	Use helicopters to support transmission line construction in steep areas, as will be described in the CEMP	TLCEMP s. 9.5
			6	Designate well demarcated no-work zones and management work zones (with restrictions, including no heavy machinery, etc.) and setbacks in areas adjacent to riparian wildlife habitats in accordance with best management practices (BC FLNRO 2014, or as updated or replaced from time to time) as will be described in the CEMP	WMMP s. 4.5.2
			7	Deploy berms, woody debris, and/or other visual barriers in appropriate locations along the transmission line that may also facilitate cover and movement for furbearers	WMMP s. 3.4
			8	Minimize sensory disturbance due to noise and light in areas adjacent to the mine site and airstrip, including use of noise abatement technology, equipment placement, regular equipment maintenance, and enforcement of speed limits	WMMP, s. 3.1 and Appendix A (of Appendix D); NVEMMP, s. 10.1
			9	Implement progressive reclamation using local native vegetation or appropriate commercially grown, weed-free native species pursuant to the End Land Use Plan	WMOP s. 9.1 (Table 9-1); ELUP s. 5.1.2, Appendix B (Table 2)
			10	Restore disturbed habitats or develop appropriate habitats capable of supporting furbearers pursuant to the End Land Use Plan	ELUP s. 5.1.2, Appendix B (Table 2)
			11	Avoid riparian areas and old growth forests, as will be described in the CEMP	CMMP s. 3.1
			12	Locate project components away from wetlands and riparian areas, as will be described in the CEMP	WMOP s. 9.1 (Table 9-1)
			13	Include wildlife awareness information in regular mine safety and environmental inductions performed by the mine	WMMP Appendix A (of Appendix D)
			14	Implement best management practices for road surface maintenance to allow good vehicle line of sight and control to reduce potential collisions with furbearers	WMMP Appendix A (of Appendix D)
			15	Select re-vegetation species that minimize attraction of wildlife to roadsides to reduce potential for vehicle collisions and predation as described in the WMMP (draft plan provided in Section 12.2.1.18.4.6 of the Application/EIS)	VMP s. 8.1 (Table 8.1-1); CEMP s. 9.9 (Table 9.9-1); WMMP s. 3.6.3

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			16	All mine vehicles and mobile equipment, including authorized private vehicles, will be equipped with or escorted by vehicles with two-way radios when travelling along Project-controlled roads. All encounters with wildlife will be recorded and reported to mine environmental and other relevant personnel as soon as safe to do so. This includes any encounters that result in injury or mortality to wildlife. Reports of wildlife frequenting Project-controlled roads will be provided to monitoring committees in accordance with agreed to terms of reference and protocols for follow-up and review of mitigation measure effectiveness.	WMMP s. 3.6.2
			17	Include wildlife awareness information in regular mine safety and environmental orientations. Topics may include: • Access road use and haulage operating protocols; • Restricted access recreation proscription rules; • No hunting / no fishing policy; • Wildlife observation and interaction reporting procedures; • Bear awareness program; • Waste management procedures; and • Wildlife sensitive locations/timing as applicable	WMMP Appendix A (of Appendix D)
			18	Control access to the mine site and manage speed limits on Project-controlled roads as described in the CEMP	CEMP s. 15.9 (Table 15.9-1); s.9.8 (Table 9.8-1)
			19	Minimize attraction of wildlife to roadsides using adaptive management measures, including avoiding the use of road salts, removing carrion, and selection of appropriate revegetation species along Project-controlled access roads, pursuant to the WMMP (draft plan provided in Section 12.2.1.18.4.6 of the Application/EIS)	CMMP s. 3.2 and WMMP s. 3.6.3
			20	Habituated animals will be deterred for their own safety following a pre-approved plan, reviewed by the provincial Conservation officer Service. The plan will be included as part of the Wildlife Monitoring and Management Plan	WMMP s. 3.10; Appendix A (of Appendix D)
			21	Establish an Access Management Working Group with Aboriginal participation	CMMP s. 3.4
			22	Follow guidelines for wildlife “least risk windows”, as will be described in the Wildlife Management and Monitoring Plan	CEMP s. 8; WMMP s. 4.8.2
			23	Manage snow bank height and create and maintain escape pathways in snow banks at wildlife corridors that intersect Project-controlled roads, as will be described in the Wildlife Monitoring and Management Plan	WMMP s. 3.6
			24	Relevant provisions of the Wildlife Management and Monitoring Plan will be communicated with other commercial users of the holder-controlled access roads to which the holder enters into road use agreements, for consideration and incorporation into road use agreements	WMMP s. 3.6.1
			25	Implement a LSVMRP (draft plan provided in Section 12.2.1.18.4.4 of the Application/EIS), including minimizing ground disturbance and damage to vegetation	CEMP s. 9.11 (Table 9.11-1)
			26	Maintain vegetated buffers adjacent to mine facilities and roads. Exceptions will include areas that will be managed for wildlife and human safety as will be described in the CEMP	VMP s. 8.1 (Table 8.1-1), CEMP Table 9.9-1, Table 9.12-1
			27	The holder will implement he following measures: • Using practices that minimize odours from human-generated wastes; • Implementing a bear awareness program; • Scheduling timely and appropriate waste disposal; • Incinerating putrescible waste as soon as practical, or otherwise not allowing it to accumulate except where in appropriate containers; • Storing wastes in wildlife-proof containers, including trash cans and dumpsters with a bear-resistant design and considerations to contain odours. Waste containers will be repaired and maintained regularly; and • Using fencing or other means to exclude terrestrial wildlife from waste storage areas.	WMMP s.3.5
			28	Staff will be made aware of any locations of high animal activity on access roads and the appropriate actions to be taken	CEMP s. 9.11 (Table 9.11-1)

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
11	**Grizzly Bear**				
		C, O, CL, PC	1	Locate the transmission line in disturbed areas, as will be described in the CEMP	TLCEMP s. 9.10 (Table 9.10-1)
			2	Use existing roads and follow existing linear disturbances to support transmission line construction, as will be described in the CEMP	FTLRP s. 7.1; TLCEMP s. 9.10 (Table 9.10-1); WMOP s. 9.1 (Table 9–1)
			3	Use helicopters to support transmission line construction in steep areas, as will be described in the CEMP	TLCEMP s. 9.5
			4	Avoid clearing and development of berry and kokanee areas, as will be described in the CEMP	WMMP s. 3.1 and Appendix A of Appendix D
			5	Monitor Kokanee spawning streams	WMMP s. 4.6.3.4
			6	Minimize the mine site footprint and avoid large scale clearing of old-growth and mixed wood forest and riparian areas, as will be described in the CEMP	CMMP s. 3.1; WMOP s. 9.1 (Table 9-1)
			7	Minimize sensory disturbance due to noise and light in areas adjacent to the mine site and airstrip, including the use of noise abatement technology, equipment placement, regular equipment maintenance, and enforcement of speed limits	WMMP, s. 3.1 and Appendix A (of appendix D); NVEMMP, s. 10.1
			8	Restore disturbed habitats at mine closure or develop habitats capable of supporting grizzly bears as described in the End Land Use Plan and Wildlife Management and Monitoring Plan (draft plan provided in Section 12.2.1.18.4.6 of the Application/EIS) and avoid using species that attract bears	WMMP s. 3.9; ELUP s. 5.1.2, Appendix A (Table 2)
			9	Avoid riparian areas and old growth forests, as will be described in the CEMP	CMMP s. 3.1
			10	Implement the WMMP (Section 12.2.1.18.4.6), including wildlife awareness information in regular mine safety and environmental inductions, including a Bear Awareness Program	WMMP Appendix C
			11	Implement best management practices for road surface maintenance to allow good vehicle line of sight and control to reduce potential collisions with grizzly bears	WMMP Appendix A (of Appendix D)
			12	Minimize attraction of wildlife to roadsides using adaptive management measures, including avoiding the use of road salts, removing carrion, and selection of appropriate revegetation species along Project-controlled access roads, pursuant to the WMMP (draft plan provided in Section 12.2.1.18.4.6 of the Application/EIS)	CMMP s. 3.2 and WMMP s. 3.6.3
			13	Select re-vegetation species that minimize attraction of wildlife to roadsides to reduce potential for vehicle collisions and predation as described in the WMMP (draft plan provided in Section 12.2.1.18.4.6 of the Application/EIS)	VMP s. 8.1 (Table 8.1-1); CEMP s. 9.9 (Table 9.9-1); WMMP s. 3.6.3
			14	During the early years of Operations, deactivate and decommission access roads that are constructed to support transmission line construction to limit predator movements and vision along the line	TLCEMP, s. 9.10 (Table 9.10-1)
			15	An access management plan will be developed for the project, with consideration of grizzly bear predator activity	CMMP s. 3.4, WMMP s 3.4
			16	Implement a LSVMRP (draft plan provided in Section 12.2.1.18.4.4 of the Application/EIS), including minimizing ground disturbance and damage to vegetation	CEMP s. 9.11 (Table 9.11-1)
			17	Follow BC's mitigation hierarchy when developing the mitigation plan for Grizzly Bear	WMMP s.3, s. 4.6
			18	Implement an End Land Use Plan (draft plan provided in Section 2.6 of the Application/EIS), including seeding and progressive reclamation of exposed slopes to improve slope stability	ELUP s. 5.1.2, 5.1.3, Appendix B (Table 2)
			19	Wildlife will be given the right-of-way by mine vehicles along all roads associated with the mine, and site orientation will include measures for avoidance of vehicle/wildlife encounters	CMMP s. 3.2 and WMMP s. 3.6.3

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			20	Include wildlife awareness information in regular mine safety and environmental orientations. Topics may include: • Access road use and haulage operating protocols; • Restricted access recreation proscription rules; • No hunting / no fishing policy; • Wildlife observation and interaction reporting procedures; • Bear awareness program; • Waste management procedures; and • Wildlife sensitive locations/timing as applicable	WMMP Appendix A (of appendix D)
			21	Wildlife interactions (including traffic accidents) and nuisance or problem animals will be reported to supervisory personnel as soon as safe to do so. Reporting procedures will be developed before construction of the mine begins	WMMP s. 5.1
			22	Implement the WMMP (Section 12.2.1.18.4.6), including a Bear Awareness Program	WMMP Appendix C
			24	Restrict and control road access to the mine site, as described in the CEMP	WMMP Appendix A (of Appendix D); CEMP s. 9.1 (Table 9.1-1)
			25	Use buses or alternatives to personal transportation to transport workers to the mine site during Construction and Operations to reduce potential for traffic accidents, as will be described in the 'Community Effects Monitoring and Management Plan'	Community Effects Monitoring and Management Plan (CEMMP) s. 8.4
			26	No recreation trails will be allowed in sensitive habitat, including grizzly bear or caribou habitat	CEMMP s. 3.1 and WMMP Appendix A (of Appendix D)
			27	All mine vehicles and mobile equipment, including authorized private vehicles, will be equipped with or escorted by vehicles with two-way radios when travelling along Project-controlled roads. All encounters with wildlife will be recorded and reported to mine environmental and other relevant personnel as soon as safe to do so. This includes any encounters that result in injury or mortality to wildlife. Reports of wildlife frequenting Project-controlled roads will be provided to monitoring committees in accordance with agreed to terms of reference and protocols for follow-up and review of mitigation measure effectiveness.	WMMP s. 3.6.2
			28	Habituated animals will be deterred for their own safety following a plan provided to the provincial Conservation Officer Service	WMMP s. 3.10; Appendix A (of Appendix D)
			29	Manage snow bank height and create and maintain escape pathways in snow banks at wildlife corridors that intersect Project-controlled roads, as will be described in the Wildlife Monitoring and Management Plan	WMMP Appendix A (of Appendix D)
			30	Maintain vegetated buffers adjacent to mine facilities and roads. Exceptions will include areas that will be managed for wildlife and human safety. This will be described in the CEMP.	VMP s. 8.1 (Table 8.1-1), CEMP Table 9.9-1, Table 9.12-1
			31	Staff will be made aware of any locations of high animal activity on access roads and the appropriate actions to be taken	CEMP s. 9.11 (Table 9.11-1)
			32	The holder will implement the following measures: • Using practices that minimize odours from human-generated wastes; • Implementing a bear awareness program; • Scheduling timely and appropriate waste disposal; • Incinerating putrescible waste as soon as practical, or otherwise not allowing it to accumulate except where in appropriate containers; • Storing wastes in wildlife-proof containers, including trash cans and dumpsters with a bear-resistant design and considerations to contain odours. Waste containers will be repaired and maintained regularly; and • Using fencing or other means to exclude terrestrial wildlife from waste storage areas.	WMMP Appendix A (of Appendix D)
			33	Include wildlife awareness information in regular safety and environmental inductions performed by the mine. Awareness to specifically cover beavers, grizzly bear, caribou, moose, and waterbirds	WMMP Appendix A (of Appendix D)
12	**Invertebrates**				

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
		C, O, CL, PC	1	Locate facilities and topsoil piles within the mine site area away from wetlands and riparian areas. Minimize ground disturbance footprint and avoid clearing of old-growth forest and riparian areas, as will be described in the CEMP	WMMP s. 4.8.2, CEMP Table 9-10.1, Table 9.9-2, Old Growth Forest SOP, Riparian Area Management SOP, Wetlands Management SOP
			2	Locate the transmission line in disturbed areas, as will be described in the CEMP	TLCEMP s. 9.10 (Table 9.10-1)
			3	Use existing roads and follow existing linear disturbances and cleared areas to support transmission line construction, as will be described in the CEMP	FTLRP s. 7.1; TLCEMP s. 9.10 (Table 9.10-1); WMOP s. 9.1 (Table 9–1)
			4	Identify no-work and management work zones (with restrictions, including no heavy machinery, etc.) and setbacks in accordance with best management practices (BC MFLNRO, 2014, or as updated or replaced from time to time) as will be described in the CEMP	CEMP s. 3 & s. 4
			5	Discharging effluent that meets guidelines for protection of aquatic life or agreed to site-specific permit limits to mitigate impacts to invertebrates	CEMP s. 9.11 (Table 9.11-1); WMMP s. 3.5
			6	Maintain or enhance existing drainage connections when designing and installing culverts for cross drainage, and avoid creating outlets that either drain wetlands or constrict the natural outlet during construction, as will be described in the CEMP	CEMP s. 9.10 (Table 9.10-1); WMOP s. 9.1 (Table 9-1)
			7	Prior to construction, install sediment controls, including silt fences and containment structures, and maintain them during construction activities	SEPSEC s. 7; 7.3.12
			8	Implement the Aquatic Effects Monitoring Plan, including identification of lowest risk timing windows, and measures related to handling of hydrocarbons, site re-vegetation and bridge and riparian area maintenance	Aquatic Effects Monitoring Program (AEMP) Plan Table 5-2, Independent Environmental Monitor Terms of Engagement Section 9, s 10.1, Table 10-1, Accidents and Malfunctions Administration and Communication Plan Table 2.2-3
			9	Use existing roads and follow existing linear disturbances to support transmission line construction, as will be described in the CEMP	FTLRP s. 7.1; TLCEMP s. 9.10 (Table 9.10-1); WMOP s. 9.1 (Table 9–1)
			10	Minimize clearance of black spruce forest and maintaining hydrological regimes of wetlands near infrastructure, as will be described in the CEMP	WMMP s. 3.1
			11	Implement an LSVMRP (draft plan provided in Section 12.2.1.18.4.4 of the Application/EIS), including progressive reclamation using local native vegetation, or appropriate commercially grown, weed-free native species	WMOP s. 9.1 (Table 9-1)
			12	Implement the CEMP (draft plan provided in Section 12.2.1.18.4.14 of the Application), including a Traffic Management Plan (draft plan provided in Section 12.2.1.18.4.14.7.4 of the Application/EIS) (all indicators)	CEMP Section 15.1, CEMP Attachment 10: Mine Site Traffic Control Plan (MSTCP) [Appendix 9-K of the Joint MAEMA Permits Application];
			13	Strip vegetation and topsoil material above the existing high water line and up to the expected high water line in the enlarged Lake 01682LNRS, except in areas where vegetation and topsoil material are retained as part of fisheries offsetting or other habitat restoration initiatives	CEMP s. 9.12 Table 9.12.1
			14	Maintain black spruce and sedge meadow wetlands and openings near wetlands may enhance dragonfly and butterfly populations	WMMP s. 3.1
13	**Moose**				
		C, O, CL, PC	1	Develop an Access Management Plan and establish an Access Management Working Group to reduce potential for predators and hunters to gain new access to moose habitat	CMMP s. 3.4, WMMP s 3.4
			2	Locate the transmission line in existing disturbed areas, as will be described in the Final Transmission Line Routing Plan	TLCEMP s. 9.10 (Table 9.10-1)
			3	Use existing roads and follow existing linear disturbances to support transmission line construction, as will be described in the CEMP	FTLRP s. 7.1; TLCEMP s. 9.10 (Table 9.10-1); WMOP s. 9.1 (Table 9–1)

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			4	Minimize ground disturbance and damage to vegetation in areas adjacent to footprints by flagging sensitive habitats, as will be described in the CEMP	WMMP Appendix A (of Appendix D); CEMP s. 9.1 (Table 9.1-1)
			5	Minimize sensory disturbance due to noise and light, including directional lighting and lighting that is activated by motion detectors, noise abatement technology, equipment placement, regular equipment maintenance, and enforcement of speed limits	WMMP, s. 3.1 and Appendix A (of Appendix D); NVEMMP, s. 10.1
			6	Reporting any habitat feature (including at least nests, dens, mineral licks) encountered during the course of work activities by mine personnel or contractors to mine environmental staff immediately for follow-up actions as required as will be described in the WMMP.	WMMP Appendix A (of Appendix D)
			7	Conducting winter moose and caribou surveys at a suitable scale to monitor the local population for distribution and abundance prior to construction. Survey design will be developed during the permitting phase in consultation with provincial agencies and First Nations communities. Wolf observations will be noted. The surveys will be repeated at least every 5 years during mine operations to monitor trends. Areas to be surveyed to include the Mine Site, transmission line portion of the RSA (i.e., corresponding to the area used in the habitat loss and alteration analysis) and the Mine Access Road	WMMP Appendix A (of Appendix D)
			8	Design linear features to avoid wetlands, as will be described in the CEMP	CEMP s. 9.10, Table 9.10-1
			9	Minimize clearance of black spruce forest and maintaining hydrological regimes of wetlands near infrastructure, as will be described in the CEMP	CEMP s.9.10, Table 9.10-1
			10	Avoid riparian areas and old growth forests, as will be described in the CEMP	CMMP s. 3.1
			11	Minimize the mine site footprint and avoid large scale clearing of old-growth and mixed wood forest and riparian areas, as will be described in the CEMP	CMMP s. 3.1; WMOP s. 9.1 (Table 9-1)
			12	Maintain or enhance existing drainage connections when designing and installing culverts for cross drainage, and avoid creating outlets that either drain wetlands or constrict the natural outlet during construction, as will be described in the CEMP	WMMP Appendix A (of Appendix D); CEMP s. 9.10 (Table 9.10-1)
			13	Include wildlife awareness information in regular mine safety and environmental orientations. Topics may include: • Access road use and haulage operating protocols; • Restricted access recreation proscription rules; • No hunting / no fishing policy; • Wildlife observation and interaction reporting procedures; • Bear awareness program; • Waste management procedures; and • Wildlife sensitive locations/timing as applicable	WMMP Appendix A (of appendix D)
			14	Use vegetation and coarse woody debris and other approaches to form visual barriers on cut lines, trails or other linear features to reduce changes in predator-prey dynamics as will be described in the WMMP	WMMP Appendix A (of Appendix D)
			15	A 30 metre vegetation buffer will be used to protect wetland functions, as will be described in the CEMP	WMMP Appendix A (of Appendix D); CEMP s. 9.10 (Table 9.10-1)
			16	An access management plan will be developed for the project, with consideration of moose predator activity	CMMP s. 3.4, WMMP s 3.4
			17	Minimize attraction of wildlife to roadsides using adaptive management measures, including avoiding the use of road salts, removing carrion, and selection of appropriate revegetation species along Project-controlled access roads, pursuant to the WMMP (draft plan provided in Section 12.2.1.18.4.6 of the Application/EIS)	CMMP s. 3.2 and WMMP s. 3.6.3
			18	Establish a Traditional Knowledge/ Traditional Land Use (TK/TLU) Committee to monitor project development and provide TK/TLU information to incorporate during final project design, construction, operations, closure and post-closure	WMMP Appendix A (of Appendix D); CMMP s. 3.4
			19	No recreation trails will be allowed in sensitive habitat, as will be described in the CEMP	CMMP s. 3.1 and WMMP Appendix A (of Appendix D)

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			20	Restore disturbed habitats at mine closure or develop habitats capable of supporting moose pursuant to the End Land Use Plan	ELUP s. 5.1.2, Appendix B (Table 2)
			21	Restrict and control road access to the mine site, as described in the CEMP	WMMP Appendix A (of Appendix D); CEMP s. 9.1 (Table 9.1-1)
			22	All mine vehicles and mobile equipment, including authorized private vehicles, will be equipped with or escorted by vehicles with two-way radios when travelling along Project-controlled roads. All encounters with wildlife will be recorded and reported to mine environmental and other relevant personnel as soon as safe to do so. This includes any encounters that result in injury or mortality to wildlife. Reports of wildlife frequenting Project-controlled roads will be provided to monitoring committees in accordance with agreed to terms of reference and protocols for follow-up and review of mitigation measure effectiveness.	WMMP s. 3.6.2
			23	Habituated animals will be deterred for their own safety following a pre-approved plan, reviewed by the provincial Conservation officer Service. The plan will be included as part of the Wildlife Monitoring and Management Plan	WMMP s. 3.10; Appendix A (of Appendix D)
			24	Implement best management practices for road surface maintenance to allow good vehicle line of sight and control to reduce potential collisions with moose	WMMP Appendix A (of Appendix D)
			25	Implement adaptive management to manage alternate prey habitat, wolf access or other similar measures, as described in the WMMP (draft plan provided in Section 12.2.1.4.18.6 of the Application/EIS).	WMMP Appendix A (of Appendix D)
			26	Participate in the Kluskus FSR industrial road users group over the mine life (all indicators)	WMMP Appendix A (of Appendix D)
			27	Include wildlife awareness information in regular safety and environmental inductions performed by the mine. Awareness to specifically cover beavers, grizzly bear, caribou, moose, and waterbirds	WMMP Appendix A (of Appendix D)
			28	Staff will be made aware of any locations of high animal activity on access roads and the appropriate actions to be taken	CEMP s. 9.11 (Table 9.11-1)
			29	Conduct additional fall surveys for moose activity and moose sheds in the Mt. Davidson area	WMMP Appendix A (of Appendix D)
			30	The holder will implement the following measures: • Using practices that minimize odours from human-generated wastes; • Implementing a bear awareness program; • Scheduling timely and appropriate waste disposal; • Incinerating putrescible waste as soon as practical, or otherwise not allowing it to accumulate except where in appropriate containers; • Storing wastes in wildlife-proof containers, including trash cans and dumpsters with a bear-resistant design and considerations to contain odours. Waste containers will be repaired and maintained regularly; and • Using fencing or other means to exclude terrestrial wildlife from waste storage areas.	WMMP Appendix A (of Appendix D)
			31	Participate in road safety groups for the use of the Kluskus FSR [Forest Service Road] as hosted by the road owner or primary licence holder	WMMP Appendix A (of Appendix D)
14	**Waterbirds**				
		C, O, CL, PC	1	Locate Project components away from wetland and riparian areas, as will be described in the CEMP	WMOP s. 9 (Table 9-1)
			2	Designate well demarcated no-work zones and management work zones (with restrictions, including no heavy machinery, etc.) and setbacks in areas adjacent to riparian wildlife habitats in accordance with best management practices (BC FLNRO 2014, or as updated or replaced from time to time) as will be described in the CEMP	WMMP s. 4.5.2
			3	Implement a CEMP, including erosion identification of erosion control measures (including proper ditching, reducing slopes and placement of soil salvage piles, diversion and runoff collection ditches, sediment control ponds, erosion control mats, and use of flocculants)	SEPSCP s. 7.1

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			4	Minimize sensory disturbance due to noise and light to areas adjacent to the mine area and airstrip, including directional lighting and lighting that is activated by motion detector(s), noise abatement technology, equipment placement, regular equipment maintenance, and enforcement of speed limits	WMMP, s. 3.1 and Appendix A (of Appendix D); NVEMMP, s. 10.1
			5	Restore disturbed habitats and develop habitats capable of supporting waterbirds pursuant to the End Land Use Plan	WMMP, s. 3.9; ELUP s. 5.1.2, Appendix B (Table 2)
			6	Locate facilities and topsoil piles within the mine site area away from wetlands, and/or minimize ground disturbance footprint, as will be described in the CEMP	CEMP s. 9.10 (Table 9.10-1)
			7	Implement adaptive management measures to deter water birds and amphibians from the TSF and pit lake, as will be described in the Wildlife Monitoring and Management Plan	WMMP s. 3.10.3, 4.5.2.2, 4.7.3.9
			8	Implement the CEMP (draft plan provided in Section 12.2.1.18.4.14)	
			9	Managing attractants including road salt during construction, operations, decommissioning, and closure to reduce leaching into waterbodies	CMMP s. 3.2 and WMMP s. 3.6.3
			10	Select re-vegetation species that minimize attraction of wildlife to roadsides to reduce potential for vehicle collisions and predation as described in the WMMP (draft plan provided in Section 12.2.1.18.4.6 of the Application/EIS)	VMP s. 8.1 (Table 8.1-1); CEMP s. 9.9 (Table 9.9-1); WMMP s. 3.6.3
			11	Include wildlife awareness information in regular mine safety and environmental orientations. Topics may include: • Access road use and haulage operating protocols; • Restricted access recreation proscription rules; • No hunting / no fishing policy; • Wildlife observation and interaction reporting procedures; • Bear awareness program; • Waste management procedures; and • Wildlife sensitive locations/timing as applicable	WMMP Appendix A (of appendix D)
			12	Use existing roads and follow existing linear disturbances and cleared areas to support transmission line construction, as will be described in the CEMP	FTLRP s. 7.1; TLCEMP s. 9.10 (Table 9.10-1); WMOP s. 9.1 (Table 9–1)
			13	Restrict and control road access to the mine site, as described in the CEMP	WMMP Appendix A (of Appendix D); CEMP s. 9.1 (Table 9–1)
			14	Avoid riparian areas and old growth forests, as will be described in the CEMP	CMMP s. 3.1
			15	No recreation trails will be allowed in sensitive habitat, as will be described in the CEMP	CMMP s. 3.1 and WMMP Appendix A (of Appendix D)
			16	Using wildlife cameras to support the incidental observation recording program, which may include areas of known or potential interaction and where mitigation or reclamation has been undertaken, including at least deactivated and ultimately reclaimed exploration access road or breaks in snow banks along the mine access road. This will be described in the WMMP.	WMMP s. 4.7 (Table 4.7-3)
			17	Deploy markers on the shield wires on the transmission line and phase conductors on distribution lines, as will be described in the CEMP	WMMP s. 3.4
			18	Design linear features to avoid wetlands, as will be described in the CEMP	CEMP s. 9.10, Table 9.10-1, Wetlands Management SOP
			19	An access management plan will be developed for the project, with consideration of waterbird predator activity	CMMP s. 3.4, WMMP s 3.4
			20	Habituated animals will be deterred for their own safety following a pre-approved plan, reviewed by the provincial Conservation officer Service. The plan will be included as part of the Wildlife Monitoring and Management Plan	WMMP s. 3.10; Appendix A (of Appendix D)
			21	Minimize the mine site footprint and avoid large scale clearing of wetlands, as will be described in the CEMP	CEMP s. 9.10, Table 9.10-1, Wetlands Management SOP
			22	Identify no-work and management work zones (with restrictions including no heavy machinery), and setbacks in accordance with best management practices (BC MFLNRO 2016, or as updated or replaced from time to time) as will be described in the CEMP	CEMP s. 3 and s. 4

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			23	Include wildlife awareness information in regular safety and environmental inductions performed by the mine. Awareness to specifically cover beavers, grizzly bear, caribou, moose, and waterbirds	WMMP Appendix A (of Appendix D)
			24	Water quality of the pit lake will be monitored during Closure and Post-Closure s to validate model predictions and to provide opportunity for adaptive management for wildlife	ELUP s. 5.1.3.4
			25	The holder will work Nadleh and Stellat'en to develop a research and monitoring program to study the potential effects of EMF [electromagnetic fields] on birds along the transmission line. Existing information on the effects of EMF on birds from other transmission lines will be used to inform initial mitigation strategies	WMMP s. 4.7.3.8
			26	For the first three years of operations of the transmission line, a technician of the holder under the guidance of a QP will conduct annual monitoring for bird mortalities during three periods throughout the year (spring migration, breeding, and fall migration). The QP's work will consider locations with a higher probability of mortality for birds, not just wetlands. Proposed monitoring locations, timing of monitoring, and an adaptive management plan including triggers for action will be outlined in the WMMP as part of the required submission during permitting. Monitoring results will be reported annually in the WMMP compliance report. The outcome of the assessment will further inform adaptive management procedures and future monitoring programs. As part of the adaptive management plan, consideration will be given to updating the WMMP to reduce monitoring requirements for transmission line conductor strikes should results of the initial three year monitoring period indicate the potential for strikes has been adequately mitigated. Conversely, additional mitigation and monitoring may be triggered, should results warrant.	WMMP s. 4.7.3.6
			27	Implement invasive plant management techniques, including developing and implementing detailed construction and operational plans of invasive plant prevention and detection strategies, and an action protocol to be used if invasive plants are detected	IPMP s. 2.2
			28	The WMP also includes a wetland monitoring program to identify potential negative effects on wetlands from site construction and operations, and to systematically address changes in wetland conditions that may trigger the need for mitigating actions to prevent unforeseen negative effects	WMOP s. 5 and s. 16
			29	Final pit walls will be left steepened to limit littoral zone and discourage emergent and wetland vegetation growth, as will be described in the End Land Use Plan	ELUP s. 5.1.3.2
15	**Non-traditional Land and Resource Use**				
		C, O, CL, PC	1	Allow grass and brush to colonize the ROW for sections in sensitive viewing areas	TLCEMP s.9.8 Table 9.8-1
			2	Consult with tenure holders to identify mutually-acceptable accommodations for potential Project effects, in accordance with relevant guidance including FLNRO's (2008, or as updated or replaced from time to time) Practical Guide to Effective Coordination of Resource Tenures (all indicators)	CEMMP
			3	Identify alternative watering locations in discussion with the land and/or livestock owner(s), if livestock access to water supply is curtailed by mine operations activities or infrastructure (Agriculture and Range)	Agriculture and Range Management Plan (ARMP) s. 6.1 (Table 6.1-2)
			4	Protect groundwater wells with temporary fencing during construction (Water Use)	ARMP s. 6.1 (Table 6.1-2)
			5	Narrow the transmission line right of way (ROW) to avoid overlap with PID 9280481 (Private Properties)	FTLRP Phase 2 Appendix B
			6	Inform the public (including through signage) that consumption of surface water in the TSF and pit lake is not advisable during closure and post-closure, and that Davidson Creek may not be potable during the months of April and May during post-closure	ELUP 5.1.3.4

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			7	Provide the construction schedule to tenure holders and recreational groups (including at least the Northwest Brigade Paddling Club, nearby lodges and the local offices of BC FLNRO) overlapping the Project, 30 days prior to the start of construction and resolve any issues related to access as per appropriate industry and provincial standards, guidelines and best practices (all indicators)	CEMP s. 9.13 (Table 9.13-1
			8	Erect appropriate signage on affected recreational and snowmobiling trails, if adjusting scheduling is not possible	CEMP s. 9.13 (Table 9.13-1
			9	Bus or fly the workforce to the mine site during Construction and Operations, where applicable (all indicators), as will be described in the Community Effects Monitoring and Management Plan	CEMMP, s. 8.4, CEMP Table 9.11-1
			10	Participate in the Kluskus FSR industrial road users group over the mine life (all indicators)	WMMP Appendix A (of Appendix D)
			11	Facilitate movement of livestock and farm machinery across ROW corridors, where applicable (Agriculture and Range)	ARMP s. 6.1 (Table 6.1-2)
			12	Require Project vehicles to use only the ROWs and designated access roads near Project development areas to minimize compaction of agricultural soil (Agriculture and Range), as will be described in the CEMP	ARMP s. 6.1 (Table 6.1-2)
			13	Establish an Access Management Working Group with Aboriginal participation, and consult with Aboriginal groups and appropriate regulatory agencies on the appropriate mechanisms to control access (including the use of and locations of gates on the mine access road), to monitor the effectiveness of those measures, and implement adaptive management should those measures prove less effective than anticipated.	CMMP s. 3.4
			14	Use existing roads and follow existing linear disturbances and cleared areas to support transmission line construction, as will be described in the CEMP	FTLRP s. 7.1; TLCEMP s. 9.10 (Table 9.10-1); WMOP s. 9.1 (Table 9–1)
			15	Restrict Project vehicles to designated roads and trails. Private vehicle access to the mine site will be limited to authorized personnel. Use of mine vehicles for recreational purposes will be prohibited at all times	CEMP s. 9.1 (Table 9.1-1)
			16	Implement temporary access restrictions where necessary to protect human health and erect appropriate signage to provide notice of temporary closures on affected access routes, including water access (including put-in places and points)	CEMP s. 9.13 (Table 9.13-1)
			17	The holder commits to work with FLNRO and Trails BC Staff to mitigate potential effects on Brewster Lake (REC1497)	FTLRP (Phase 2) s. 8.2 Rec. Sites
			18	Use noise abatement and schedule construction and decommissioning activities at noise-sensitive locations and times, where and when hunters, guide-outfitters and trappers are active to limit disruption to sensitive receptors (Hunting, Guide Outfitting and Trapping). Noise sensitive locations and specific mitigation measures will be identified in the Noise and Vibration Effects Monitoring and Mitigation Plan	NVEMP s. 10.1; s. 9.5
			19	Implement preventative protocols for cleaning of equipment (i.e. construction and excavation) of weeds, according to government and industry standards (including weed control plans and guidelines) (Agriculture and Range)	ARMP s. 6.1 (Table 6.1-2)
			20	Provide timber from transmission line clearing to the Fraser Lake community forest	TLCEMP s.9.12 (Table 9.2-1)
			21	Work with FLNRO during detailed engineering of the transmission line at the permitting stage with the goal of avoiding MN4848 (growth and yield plots). If avoidance is not possible and prior to construction, the holder will have this plot re-measured at the holder's cost by a contractor to be approved by FLNRO (Forestry and Timber Use)	FTLRP (Phase 2) Appendix B

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			22	Work with MOTI to complete the required gravel/quarrying volumes testing for Land file 0107944 and compensate MOTI for the volume sterilized, if any, prior to start of construction in this area (Aggregates and Construction)	FTLRP (Phase 2) Appendix B
			23	Require project drivers to close gates properly when vehicles require access to right of way corridors on fenced and gated lands (Agriculture and Range)	ARMP s. 6.1 (Table 6.1-2)
			24	Install fencing to restrict cattle movement into the transmission line ROW (Land File 0194075), as will be described in the Final Transmission Line Routing Plan	ARMP s. 6.1 (Table 6.1-2)
			25	Facilitate movement of livestock and farm machinery across the ROW corridors. Specifics to be finalized in the Final Transmission Line Routing Plan for the transmission line. The freshwater pipeline will not restrict travel corridors. The Mine Access Road and the Airstrip Access Road will not restrict existing travel corridors, except beyond the access control gates as shown in the Certified Project Description	ARMP s. 6.1 (Table 6.1-2)
			26	Compensate affected trapline holders in accordance with industry and provincial protocols with associated proof of lost revenue	FTLRP (Phase 2) Appendix B
			27	Follow BC FLNRO guidelines and requirements for clearing, handling, and hauling beetle-infested wood (Forestry and Timber Use)	ARMP s. 6.1 (Table 6.1-1)
			28	Implement an End Land Use Plan, including plans for progressive reclamation and reforestation	ELUP s. 5.1.2, Appendix B (Table 2); RCP s. 4.2.4 (and throughout the Plan)
			29	Locate the transmission line in disturbed areas, as will be described in the CEMP	TLCEMP s. 9.10 (Table 9.10-1)
			30	Locate the transmission line within or alongside the footprints of existing long-term linear infrastructure (roads and transmission lines) to cluster disturbance, as will be described in the Final Transmission Line Routing Plan	FTLRP s. 7.1; TLCEMP s. 9.10 (Table 9.10-1); WMOP s. 9.1 (Table 9–1)
			31	Align the transmission line ROW to run in parallel to the natural contours of the landscape rather than perpendicular, as will be described in the Final Transmission Line Routing Plan	FTLRP Phase 2
			32	Locate project infrastructure to take advantage of both topography and vegetation as screening devices to restrict views of the structures in sensitive viewing areas, as will be described in the CEMP	FTLRP s. 8.1 and Appendix B, CEMP s. 9.4
			33	Develop site-specific measures and/or designs at the crossings of the Nechako and Stellako rivers so structures do not unnecessarily affect natural lines (including at least tree+AM192:AM193lines, ridgelines, river banks), as will be described in the Final Transmission Line Routing Plan	FTLRP Appendix B
			34	Place towers/poles away from the banks of rivers, as will be described in the Final Transmission Line Routing Plan	FTLRP Appendix B
			35	Limit artificial light escaping from the mine site, as will be described in the CEMP	CEMP s. 9.4; WMMP s. 3.1
			36	Re-vegetate with native vegetation and establish a composition consistent with the surrounding undisturbed landscape when construction is within line of sight of a known view point, as will be described in the End Land Use Plan	WMOP s. 9.1 (Table 9-1); ELUP s. 5.1.2, Appendix B (Table 2)
			37	Avoid REC1606 Cabin Creek Falls site, REC 1406 Cabin Creek Trail and REC1097 Cut-off Creek, as will be described in the Final Transmission Line Routing Plan	FTLRP s. 5.2, 8.1, 8.2, Appendix B
			38	Consult with the Village of Fraser Lake on transmission line access road decommissioning	FTLRP Appendix B
			39	Notify the Stellat'en First Nation of Construction and Post-closure schedules and consult with Stellat'en First Nation to identify and address any concerns regarding access to the tenure, including placement of TL towers	FTLRP Appendix B
			40	Notifying livestock owners of the construction schedule and activities to allow livestock to be moved to other pastures if necessary and/or where applicable	ARMP s. 6.1 (Table 6.1-2)
			41	Provide maps and early notification of Project development and other physical work to affected regional forestry stakeholders	FTLRP Appendix B

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			42	Consult with tenure holders to determine appropriate signage to erect indicating the presence of livestock and appropriate behaviours within the tenure, describe and discuss the Project's transportation and access management plan, and identify and resolve any other issues	FTLRP Appendix B, CEMMP
			43	Actual/expected consumption patterns of country foods by local people will be considered and incorporated into the next iteration of the Country Foods Monitoring Plan and will be linked to the analysis of metals and other contaminants in country foods	Country Foods Monitoring Plan (CFMP) s. 6 (Tables 6.3-1 to 6.3-5)
			44	Reduce potential risks from consumption of country foods will be considered and incorporated into the next iteration of the Country Foods Monitoring Plan	CFMP s. 1.1
			45	Sampling of other fish species (of appropriate size and age for consumption) will be considered and incorporated into the next iteration of the Country Foods Monitoring Plan. The LDN and UFN will be engaged to aid in the determination of fish species to include and locations to be sampled	CFMP s. 4.4, 5.2
			46	Analysis of unwashed and washed vegetation will be considered and incorporated into the next iteration of the Country Foods Monitoring Plan	CFMP 4.3.2.3
			47	Individual variation in small mammal tissue samples will be considered and incorporated into the next iteration of the Country Foods Monitoring Plan	CFMP 4.5
			48	Sampling medicinal plants will be considered and incorporated into the next iteration of the Country Foods Monitoring Plan. First Nations will be engaged to aid in the determination of plant species to include and locations to be sampled	CFMP s 2.1.1 Table 4.3-1
			49	Modelling results (air, groundwater, surface water, etc.) and discussions with First Nations will be considered when selecting sampling locations and incorporated into the next iteration of the Country Foods Monitoring Plan	CFMP, multiple sections
			50	Utilize existing roads and trails for access to the line for construction. The only new roads or trails would be temporary and would be located within the transmission line right-of-way, which will limit the creation of additional early seral habitat	CMMP s. 3.1; CEMP s. 9.11
			51	Decommission the transmission line when no longer required	TL CEMP s. 1
16	**Visual Resources**				
		C, O, CL, PC	1	Locate the transmission line within or alongside the footprints of existing long-term linear infrastructure (roads and transmission lines) to cluster disturbance, as will be described in the Final Transmission Line Routing Plan	FTLRP s. 7.1
			2	Locate project infrastructure to take advantage of both topography and vegetation as screening devices to restrict views of the structures in sensitive viewing areas, as will be described in the CEMP	FTLRP s. 8.1 and Appendix B
			3	Align the transmission line ROW to run in parallel to the natural contours of the landscape rather than perpendicular, as will be described in the Final Transmission Line Routing Plan	FTLRP s. 8.1
			4	Avoid placing facilities on ridgelines, summits, or other locations where they will be silhouetted against the sky in sensitive viewing areas, as will be described in the Final Transmission Line Routing Plan	FTLRP s. 8.1 and Appendix B
			5	Avoid increasing disturbance within remaining areas of intact forests (i.e., areas with low levels of landscape disturbance) as will be described in the CEMP	FTLRP s. 7.1
			6	Develop site-specific measures and/or designs at the crossings of the Nechako River, Stellako River, Cheslatta Trail, and Messue Wagon Trail so structures do not unnecessarily affect natural lines (including treelines, ridgelines, river banks), as will be described in the Final Transmission Line Routing Plan	FTLRP s. 8.1 and Appendix B
			7	Place towers/poles away from the banks of rivers, as will be described in the Final Transmission Line Routing Plan	FTLRP Appendix B

Blackwater Gold Project: Summary of Proposed Mitigation Measures (August 2022)

ID#	Valued Component	Timing		Mitigation Measures	Management Plan
			8	Implement visual quality mitigation measures for the transmission line including clear-spanning trails, avoiding tower and pole placement on trails, minimizing placement of towers/poles on top of ridgelines, summits, or other locations where they may be silhouetted against the sky and locating towers/poles and ROW to take advantage of natural screening from vegetation and topography (all indicators), as will be described in the Final Transmission Line Routing Plan	FTLRP s. 8.1 and Appendix B
			9	Consult with overlapping tenure holders to mitigate project effects in accordance with relevant guidance including FLNRO's (2008, or as updated or replaced from time to time) Practical Guide to Effective Coordination of Resource Tenures (all indicators)	FTLRP Appendix B
			10	Monitoring of visual impacts at varying distances from the mine site, near sensitive receptors, to be conducted at specific stages during the construction and operations phases	CEMP s 9.4, 15.5.1
			11	Consider site-specific landscaping and vegetation screening in shared access areas at Site 5 (Nechako River crossing), Site 7 (Brewster Lake) and Site 9 (Tatelukuz Lake), as will be described in the Final Transmission Line Routing Plan	FTLRP Appendix B
			12	Limit artificial light escaping from the mine site, as will be described in the CEMP	CEMP s. 9.4; WMMP s. 3.1
			13	Select and design materials to blend with landscape elements in sensitive viewing areas as appropriate, as will be described in the CEMP	FTLRP Appendix B
			14	Paint or stain transmission line structures to blend in with the colour and character of surrounding environment in sensitive viewing areas, as will be described in the Final Transmission Line Routing Plan	FTLRP Appendix B
			15	Re-vegetate with native vegetation and establish a composition consistent with the surrounding undisturbed landscape, when construction is within line of sight of a known view point, as will be described in the End Land Use Plan	WMOP s. 9.1 (Table 9-1); ELUP s. 5.1.2, Appendix B (Table 2)
			16	Avoid using full spectrum light, which has blue and ultraviolet wavelengths that are more damaging to wildlife and insects	CEMP s 9.11.1 WMMP s 3.1
			17	Work with staff from Recreation Sites and Trails BC during the permitting stage to ensure that all potential impacts to affected recreational sites are avoided or adequately mitigated (including recreational sites REC5660 Mary Jane Lake, REC1097, Cut-off Creek)	FTLRP s. 8.2
			18	If appropriate, further viewshed analysis will be considered during the detailed design and final site specific routing of the proposed TL.	FTLRP s. 8.2
			19	Work collaboratively with the Vanderhoof Forest District to manage vegetation cover between the proposed transmission line and the Hobson Lake Recreation Site with care	FTLRP Appendix B
			20	Maintain the transmission line outside of the viewshed of Brewster Lake Recreation Area	FTLRP s. 8.2
			21	Investigate measures to soften the visual effect of overhead cables where the transmission line crosses the trails and sites (including Cheslatta Trail and Messue Wagon Trail)	FTLRP s. 8.1 and Appendix B
			22	Investigate measures to soften the visual effects associated with overhead cables where the Stellako River flows underneath the proposed transmission line	FTLRP Appendix B

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