

**ABBREVIATIONS AND ACRONYMS**

%	Per Cent
~	Approximately
<	Less Than
>	Greater Than
µg/m <sup>3</sup>	Micrograms per Cubic Metre
µm	Micrometre
µT	Microteslas
1D	One-Dimensional
2D	Two-Dimensional
3D	Three-Dimensional
AB	Alberta
ADCP	Acoustic Doppler Current Profiler
ASL	Ambient Sound Level
ASTM	American Society for Testing and Materials
AWMA	Air & Waste Management Association
B.C.	British Columbia
BC Hydro	British Columbia Hydro and Power Authority
BCMOE	British Columbia Ministry of Environment
BCMOF	British Columbia Ministry of Forests
BCMoTI	British Columbia Ministry of Transportation and Infrastructure
BCOGC	British Columbia Oil and Gas Commission
BMPs	Best Management Practices
BWBSmw	Boreal White and Black Spruce moist, warm biogeoclimatic zone
C	Chemical Symbol for Carbon
CACs	Criteria Air Contaminants
CCME	Canadian Council of Ministers of the Environment
CEA Agency	Canadian Environmental Assessment Agency
CH <sub>4</sub>	Chemical Symbol for Methane
CH <sub>4</sub> /m <sup>2</sup> /day	Methane per Square Metre per Day
CO	Carbon Monoxide
CO <sub>2</sub>	A Chemical Symbol Meaning Carbon Dioxide

CO <sub>2</sub> /m <sup>2</sup> /day.....	Carbon Dioxide per Square Metre per Day
CO <sub>2</sub> e.....	Chemical Symbol Meaning Carbon Dioxide Equivalent
CO <sub>2</sub> e/year.....	Carbon Dioxide Equivalent per Year
COSEWIC .....	Committee on the Status of Endangered Wildlife in Canada
CRISSP .....	Comprehensive River Ice Simulation System Program
CWS.....	Canadian Wildlife Service
d .....	Day
dBA.....	A-weighted decibels
dB.....	decibels
DNA.....	Deoxyribonucleic Acid
DOC .....	Dissolved Organic Carbon
dw.....	Dry Weight
et al. ....	And Others
EIS.....	Environmental Impact Statement
EMF.....	Electromagnetic Field
FISP .....	Federal Interagency Sedimentation Program
FRPA.....	<i>Forest and Range Practices Act</i>
g .....	Gram; a Measurement of Mass
GBD.....	Gas Bubble Disease
GBPU .....	Grizzly Bear Population Units
GHG .....	Greenhouse Gases
GIS .....	Geographical Information Systems
GOM.....	Generalized Optimization Model
GSC.....	Geological Survey of Canada
GWh.....	Gigawatt Hour; a Unit of Energy
Ha.....	Hectars
H3D .....	Hydrodynamics in Three Dimensions
HEC-RAS .....	Hydrologic Engineering Center, River Analysis Software
Hg.....	Mercury
HHRA .....	Human Health Risk Assessment
HYSIM .....	Hydro Simulation Model
IPCC.....	Intergovernmental Panel on Climate Change

IRN .....	International Rivers Network
ISO .....	International Organization for Standardization
ISQG .....	Interim Sediment Quality Guidelines
km.....	Kilometres
km <sup>2</sup> .....	Square Kilometers
kWh .....	Kilowatt Hours; a Unit of Energy
l.....	Litres
LAA.....	Local Assessment Area
LiDAR.....	Light Detection and Ranging
LRMP .....	Land and Resource Management Plan
m .....	Metres
m <sup>2</sup> .....	Square Metres
m <sup>3</sup> .....	Cube Metres
mg .....	Milligrams
mG.....	Milligauss
MeHg.....	Methylmercury
mg/dm <sup>2</sup> -d .....	Milligrams per Decimetre Squared per Day
mg/kg.....	Milligrams per Kilogram (parts per million)
mg/L .....	Milligrams per Litre (parts per million)
mg/m <sup>2</sup> .....	Milligrams per Square Metre
MW .....	Megawatt; a Unit of Energy
n .....	Number (of animals observed, surveys conducted or data points collected)
ng/L .....	Nanograms per Litre (parts per trillion)
N <sub>2</sub> O.....	A Chemical Symbol for Nitrous Oxide; a Greenhouse Gas
NO <sub>2</sub> .....	Nitrogen Dioxide
NO <sub>x</sub> .....	Nitrogen Oxide
ONMOE.....	Ontario Ministry of Environment
PAD .....	Peace-Athabasca Delta
PEL .....	Probable Effects Level
PM <sub>10</sub> .....	Particulate Matter with Particle Size of Less Than 10 µm
PM <sub>2.5</sub> .....	Particulate Matter with Particle Size of Less Than 2.5 µm
Project .....	Site C Clean Energy Project

PSL.....	Permissible Sound Level
RAA.....	Regional Assessment Area
RoW.....	Right-of way
SARA.....	<i>Species at Risk Act</i>
SO <sub>2</sub> .....	Sulphur Dioxide
So <sub>x</sub> .....	Sulphur Oxide
SRMP.....	Sustainable Resource Management Plan
T, t.....	Metric Tonne, 1,000 kg
TAC.....	Technical Advisory Committee
TDG.....	Total Dissolved Gas
TDS.....	Total Dissolved Solids
TEM.....	Terrestrial Ecosystem Mapping
TKN.....	Total Kjeldahl Nitrogen
TLUS.....	Traditional Land Use Study
TOC.....	Total Organic Carbon
tonnes C/yr.....	Tonnes of Carbon per Year
TSP.....	Total Suspended Particulate
TSS.....	Total Suspended Solids
TUS.....	Traditional Use Studies
UNESCO.....	United Nations Educational, Scientific and Cultural Organization
U.S. EPA.....	United States Environmental Protection Agency
USACE.....	United States Army Corps of Engineers
USGS.....	United States Geological Survey
USOSM.....	United States Office of Surface Mining
UWR.....	Ungulate Winter Range
VC.....	Valued Component
vkt.....	Vehicle Kilometres Travelled
WCI.....	Western Climate Initiative
WRAP.....	Western Regional Air Partnership
WRF.....	Weather Research and Forecasting model
ww.....	Wet Weight
yr.....	Year