

Acronyms and Abbreviations

AAQO.....	Ambient Air Quality Objective
AC.....	alternating current
AIA.....	Archaeological Impact Assessment
AID.....	Adjacent and Integrated Development
AOA.....	Archaeological Overview Assessment
ARO.....	Automotive Repair Operation
BAU.....	Business-as-usual
BC.....	British Columbia
BCAS.....	BC Ambulance Services
BMP.....	Best Management Practice
BRT.....	bus rapid transit
CAC.....	critical air contaminants
Caltrans.....	California Department of Transportation
CCTV.....	closed-circuit television
CDC.....	Conservation Data Center
CEMP.....	Construction Environmental Management Plan
CH ₄	methane
CL/IL.....	Commercial and Industrial Land Use
CO.....	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e.....	carbon dioxide equivalent
COSEWIC.....	Committee on the Status of Endangered Wildlife in Canada
COSMOS.....	City of Surrey Online Mapping System
CPTED.....	Crime Prevention through Environmental Design
CRA.....	Commercial, Recreational and Aboriginal

CSA	Canadian Standards Association
CSR	Contaminated Sites Regulation
CWH	Coastal Western Hemlock
dB	A-weighted decibel
DC	direct current
DFO	Fisheries and Oceans Canada
ECCC	Environment and Climate Change Canada
ELF	extremely low frequency
EMA	<i>Environmental Management Act</i>
EMC	electromagnetic compatibility
EMF	electric and magnetic fields
EMI	electromagnetic interference
EMP	Environmental Management Plan
EMS	emergency medical services
ESR	Environmental and Socio-economic Review
EWP	Environmental Work Plan
FLNRORD	Forests, Lands and Natural Resource Operations & Rural Development
FTA	Federal Transit Authority
FTN	frequent transit network
GHG	greenhouse gas
GHz	gigahertz
GIN	Green Infrastructure Network
GIS	Geographic Information System
GWP	global warming potential
h/d	hours per day
HCA	<i>Heritage Conservation Act</i>
HWR	Hazardous Waste Regulation
Hz	hertz
ICBC	Insurance Corporation of British Columbia
ICES	International Committee for Electromagnetic Safety

ICNIRP.....	International Commission on Non-Ionizing Radiation Protection
ISCBC	Invasive Species Council of British Columbia
km	kilometre
km/h.....	kilometres per hour
kVa	kilovolt ampere
kWh	kilowatt hour
kWh/car-km	kilowatt hour per car per kilometre travelled
L.....	litres
L _d	daytime sound level
L _{dn}	daytime and nighttime equivalent sound level
LED	light-emitting diode
L _{eq(1hr max)}	maximum one-hour sound level
LFV.....	Lower Fraser Valley
LiDAR.....	Light Detection and Ranging
L _n	nighttime sound level
LRT.....	Light Rail Transit
m	metre
MBCA	<i>Migratory Birds Convention Act</i>
mG.....	milligauss
mm	millimeter
mm/s.....	millimetres per second
MNL.....	mitigation noise level
MOECCS	Ministry of Environment and Climate Change Strategy
MOTI	Ministry of Transportation and Infrastructure
MWh	megawatt hour
N ₂ O.....	nitrous oxide
NO ₂	nitrogen dioxide
NO	nitric oxide
O ₃	ozone
OEMP	Operations Environmental Management Plan

PFR	preliminary field reconnaissance
PM	particulate matter
PM ₁₀	inhalable particulate matter (diameter less than 10 µm)
PM _{2.5}	respirable particulate matter (diameter less than 2.5 µm)
ppb	parts per billion
PPV	Peak Particle Velocity
PRC	Parks, Recreation, and Culture
the Project	Surrey Newton-Guildford Light Rail Transit Project
QEP	Qualified Environmental Practitioners
RAAD	Remote Access to Archaeological Data
RAR	Riparian Areas Regulation
RCMP	Royal Canadian Mounted Police
RFO	Retail Fuel Operation
SARA	<i>Species at Risk Act</i>
SFU	Simon Fraser University
SNG	Surrey Newton-Guildford
SO ₂	sulphur dioxide
SPEA	Streamside Protection and Enhancement Area
t	tonnes
TDG	Transportation of Dangerous Goods
TOR	Terms of Reference
TPER	Table of Project Environmental Requirements
TPSS	traction powered sub-station
tpy	tonnes per year
TSS	total suspended solids
TUS	Traditional Use Studies
V/m	volts per metre
VKD	vehicle kilometres travelled
VOC	volatile organic compounds
VRMS	Root mean square velocity

WHMIS	Workplace Hazardous Material Information System
WQ	water quality
WSA	<i>Water Sustainability Act</i>
$\mu\text{g}/\text{m}^3$	micrograms per cubic metre
μm	micrometres
%	percent
$^{\circ}\text{C}$	Degrees Celsius