

ACRONYMS AND ABBREVIATIONS

\$	.....	Canadian dollars
%	.....	percent
%HA	.....	percent highly annoyed
ΔANC	.....	change in acid neutralizing capacity
ΔpH	.....	change in pH
°C	.....	degrees celcius
µg/L	.....	microgram per litre
µg/m ³	.....	micrograms per metre cubed
µm	.....	micrometres
µPa	.....	micropascal
µs/cm	.....	microSiemens per centimetre
AAC	.....	Allowable Annual Cut
AADT	.....	Annual average daily traffic
AAQO	.....	Ambient Air Quality Objective
ACBM	.....	articulated concrete ballast mats
ACP	.....	Aboriginal Consultation Plan
ACR	.....	Aboriginal Consultation Report
ACSC	.....	Ambulatory care sensitive conditions
AIA	.....	Archaeological Impact Assessment
AIDS	.....	acquired immune deficiency syndrome
AIR	.....	Application Information Requirements
AIS	.....	Automatic Identification System
AIUS	.....	Aboriginal Interest and Use Study
ALC	.....	Agricultural Land Commission
ALE	.....	aftershock level earthquake
ALR	.....	Agricultural Land Reserves
ANC	.....	acid neutralizing capacity
ANClimit	.....	acid neutralizing capacity limit
ANCoaa	.....	organic acid adjusted acid neutralizing capacity
ANSI	.....	American National Standards Institute
Application	.....	Environmental Assessment Certificate Application
ASL	.....	ambient sound level
BAT	.....	Best Available Technology
BC	.....	British Columbia

BC CDC.....	British Columbia Conservation Data Centre
BC EAO.....	British Columbia Environmental Assessment Office
BC MFLNRO.....	British Columbia Ministry of Forests, Lands and Natural Resource Operations
BC MJTST.....	British Columbia Ministry of Jobs, Tourism and Skills Training
BC MOE.....	British Columbia Ministry of the Environment
BC MOH.....	British Columbia Ministry of Health
BC MOTI.....	British Columbia Ministry of Transportation and Infrastructure
BC OGC.....	British Columbia Oil and Gas Commission
Bc:Al.....	base cation to aluminum ratio
BCAS.....	British Columbia Ambulance Service
BCCSN.....	BC Cetacean Sightings Network
BCEAA.....	British Columbia Environmental Assessment Act
Bcf/d.....	billion standard cubic feet per day
BCMCA.....	British Columbia Marine Conservation Analysis
BMP.....	Best Management Practices
BSL.....	basic sound level
C/SS.....	cultural and/or social significance
CA.....	Census Agglomeration
CAA.....	Census Agglomeration Area
CAAQS.....	Canadian Ambient Air Quality Standard
CAC.....	criteria air contaminant
CAD.....	Canadian dollars
CAS.....	Climate Action Secretariate
CCG.....	Canadian Coast Guard
CCME.....	Canadian Council of Ministers of the Environment
CCNs.....	Canadian Climate Normals
CD.....	chart datum
CDI.....	Community Development Initiative
CEA.....	cumulative effects assessment
CEA Agency.....	Canadian Environmental Assessment Agency
CEA Case.....	Cumulative Effects Assessment Case
CEAA 2012.....	<i>Canadian Environmental Assessment Act, 2012</i>
Census.....	Census of Population
CEPA.....	<i>Canadian Environmental Protection Act</i>
CFHOP.....	Conceptual Fish Habitat Offsetting Plan

CH ₄	methane
CHS.....	Canadian Hydrographic Services
CL.....	critical load
cm.....	centimetres
cm/year.....	centimetres per year
CMHC.....	Canadian Mortgage and Housing Commission
CMT.....	culturally modified tree
CN.....	Canadian National Railway
CNA.....	Cultural and Natural Areas
CNCO.....	Central and North Coast Order
CO.....	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e.....	carbon dioxide equivalent
COP.....	Conference of Parties
COPC.....	chemicals of potential concern
COSEWIC.....	Committee on the Status of Endangered Wildlife in Canada
CP.....	ceremonial purposes
CPUE.....	catch per unit effort
CR.....	concentration ratio
CRA.....	commercial, recreational and Aboriginal
CSA.....	<i>Canadian Shipping Act</i>
CSZ.....	Cascadian Subduction Zone
CV.....	coefficient of variation
CWHvh2.....	coastal western hemlock very wet hypermaritime biogeoclimatic zone
dB.....	linear decibel level
dB re 1 µPa.....	decibels at a reference pressure of one micropascal
dBA.....	A-weighted decibel level
dB(C).....	C-weighted decibel level
dBL.....	linear decibel level
DFO.....	Fisheries and Oceans Canada
DM.....	District Municipality
DO.....	dissolved oxygen
DOC.....	dissolved organic carbon
DOH.....	determinants of health
DSHA.....	deterministic seismic hazard analysis
DWT.....	dead weight tonnage

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Environmental Assessment Certificate Application

Acronyms and Abbreviations

EA.....	environmental assessment
EAC.....	Environmental Assessment Certificate
EBM.....	ecosystem-based management
EBSA.....	Ecologically and Biologically Significant Areas
ECCC.....	Environment and Climate Change Canada
EI.....	Employment Insurance
EIS.....	Environmental Impact Statement
EM.....	Environmental Monitor
EMA.....	<i>Environmental Management Act</i>
EMP.....	Environmental and Operational Management Plan
EMPR.....	Environmental Protection and Management Regulation
ENSO.....	El Niño Southern Oscillation
e-PIC.....	electronic Project Information Centre
EPMR.....	Environmental Protection and Management Regulation
eq/ha/yr.....	equivalent per hectare per year
ER.....	Economic Region
ERP.....	Emergency Response Plan
ESCP.....	Erosion and Sediment Control Plan
EVC.....	existing visual condition
FCRSA.....	Forest Consultation and Revenue Sharing Agreement
FEED.....	Front End Engineering Design
FIFO.....	fly-in/fly-out
FISS.....	Fisheries Inventory Summary System
FMA.....	Fisheries Management Area
FNHA.....	First Nations Health Authority
FSC.....	food social and ceremonial
FTE.....	full-time equivalent
GBR.....	Great Bear Rainforest
GBRO.....	Great Bear Rainforest Order
GDP.....	gross domestic product
GHG.....	greenhouse gases
GIS.....	guaranteed income supplements
GMA.....	Groundfish Management Area
GMZ.....	General Management Zone
GOABC.....	Guide Outfitters Association of British Columbia
GPS.....	Global Positioning System

GWP	global warming potential
H ₂ S	hydrogen sulphide
Ha	hectare
HADD	harmful alteration, disruption or destruction
HC	Health Canada
HCA	<i>Heritage Conservation Act</i>
HFC	hydrofluorocarbons
HHWMT	high high water mean tide
HIV	human immunodeficiency virus
HMSP	Health and Medical Services Plan
HQ	hazard quotient
hr	hour
HSE	Health Safety and Environment
Hz	hertz
IA	important area
IBA	Important Bird Area
ICP	International Cooperative Programme
ICS	Incident Command System
ILCR	incremental lifetime cancer risk
ILMB	Integrated Land Management Bureau
IPCC	Intergovernmental Panel on Climate Change
IPMP	Invasive Plant Management Plan
IR	Indian Reserve
ISEE	International Society of Explosives Engineers
ISO	International Organization for Standardization
ISQG	interim sediment quality guidelines
ITR	International Tsunami Research Inc.
IUCN	International Union for the Conservation of Nature
JASCO	JASCO Applied Sciences
kg	kilogram
kg N/ha/yr	kilograms nitrogen per hectare per year
kg ww	kilogram wet weight
kHz	kilohertz
km	kilometre
km/hr	kilometres per hour
kPa	kiloPascal

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kts	knots
LAA	Local assessment area
LAL	lower action level
Ld	daytime equivalent sound level
Ldn	daytime-nighttime equivalent sound level
Leq	equivalent sound level
LFN	low frequency noise
LFS	labour force survey
LHA	Local Health Area
LiDAR	light detection and ranging
Ln	nighttime equivalent sound level
LNG	liquefied natural gas
LNG Canada	LNG Canada Development Inc.
LRMP	Land and Resource Management Plan
LUMP	Land Use Management Plan
LUO	Land Use Order
m	metre
m ²	square metre
m ³	cubic metre
MARPOL	International Convention for the Prevention of Pollution from Ships
MARSEC	Marine Security Level
MBCA	<i>Migratory Birds Convention Act</i>
MCSCD	Ministry of Community, Sport and Cultural Development
MCTS	Marine Communication and Traffic Services
meq/m ² /yr	milliequivalents per meter square per year
meq/m ³	milliequivalents per meter cubed
MFLNRO	Ministry of Forests, Lands and Natural Resource Operations
mg/kg	milligram per kilogram
mg/L	milligrams per litre
MHHW	mean higher high water
MI	multiple irregular events
micron or µm	micro metre
MLS	Multiple Listing Service
mm	millimetre
mm/s	millimetres per second
Mm ³ /d	million cubic metres per day

MMO.....	marine mammal observer
MNAA	Marine Navigation Assessment Area
MOE	Ministry of Environment
MOF	material offloading facility
MOTI	Ministry of Transportation and Infrastructure
MoU.....	memorandum of understanding
MPI.....	Major Projects Inventory
MR.....	multiple regular events
MSS.....	Metlakatla Stewardship Society
Mt	million tonnes
MTPA	million tonnes per annum
mtpa	million tonnes per annum
MW	megawatt
N ₂ O.....	nitrous oxide
NAAQO	National Ambient Air Quality Objective
NBCC	National Building Code of Canada
NCC.....	Northwest Community College
NCD.....	non-classified drainages
NCMP.....	North Coast Marine Plan
NCTSA.....	North Coast Timber Supply Area
NEB	National Energy Board
Nexen	Nexen Energy ULC
NF ₃	nitrogen trifluoride
ng TEQ/kg	nanograms toxic equivalency per kilogram
NGL	natural gas liquids
NH	Northern Health
NHA.....	Northern Health Authority
NHS.....	National Household Survey
NIR	National Inventory Report
NMFS	National Marine Fisheries Service [US]
NO	nitric oxide
NO ₂	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration [US]
NOI	Notation of Interest
NOX.....	total oxides of nitrogen
NOx	nitrogen oxides

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NPA	<i>Navigation Protection Act</i>
NW HSDA	Northwest Health Service Delivery Area
NWIPC	Northwest Invasive Plant Council
O ₃	ozone
OAS	Old Age Security
OBE	Operating Basis Earthquake
OCF	Official Community Plan
OD	outside diameter
OGAA	<i>Oil and Gas Activities Act</i>
OGC	Oil and Gas Commission
PAH	polycyclic aromatic hydrocarbons
PCB	polychlorinated biphenyls
PCDD/F	polychlorinated dibenzodioxins and furans
PCIC	Pacific Climate Impacts Consortium
PCO	pollution control objective
PCP	Public Consultation Plan
PD	Project Description
PDA	Project development area
PDO	Pacific Decadal Oscillation
PEL	probably effect levels
PEM	predictive ecosystem mapping
PEVFD	Port Edward Volunteer Fire Department
PFC	perfluorocarbons
pg/g	picogram per gram
PHAC	Public Health Agency of Canada
PIR	Provincial Inventory Report
PJ	petajoule
PPJ/d	petajoules per day
PM	particulate matter
PM ₁₀	particulate matter less than 10 microns in diameter
PM ₁₀ , PM _{2.5}	particulate matter 10 / particulate matter 2.5
PM _{2.5}	particulate matter less than 2.5 microns in diameter
PMZ	protection management zone
PNCIMA	Pacific North Coast Integrated Management Area
PNW	Pacific Northwest
PNW LNG	Pacific Northwest LNG Project

PoE.....	Pathway of Effect
PPA	Pacific Pilotage Authority
PPV	peak particle velocity
PRFD.....	Prince Rupert Fire Department
Project	Aurora LNG Project
PRPA.....	Prince Rupert Port Authority
PRSD	Prince Rupert School District
PSL.....	permissible sound level
PSOC	Port Security Operations Centre
PTS	permanent threshold shift
PWL.....	sound power level
PY.....	person year
PY.....	Person Year
PYLL.....	potential years of life lost
PYs.....	person years
QCF	Queen Charlotte Fault
R _{95%}	predicted range encompassing at least 95% of the exposed area
RAA.....	Regional assessment area
RCA.....	Rockfish Conservation Area
RCMP.....	Royal Canadian Mounted Police
RDA.....	Regional District Electoral Area
RDEA	Regional District Electoral Area
RFI.....	Recreation Features Inventory
RFPs	recreation feature polygons
RISC.....	Resource Inventory Standards Committee
RMA	riparian management area
R _{max}	maximum range
rms	root-mean-squared
RMZ.....	Resource Management Zone
ROV.....	remotely operated vehicle
RRZ.....	riparian reserve zone
RSTBC	Recreation Sites and Trails British Columbia
S.....	single event
SADT	Seasonal Average Daily Traffic
SAMRC	Skeena Area Marine Research Collaboration
SARA.....	<i>Species at Risk Act</i>

SCUBA	Self Contained Underwater Breathing Appartus
SDOH	social determinants of health
SEIA	Social and Environmental Impact Assessment
SEL	sound exposure level
SEL _{cum}	cumulative sound exposure level
SES	Socio-economic Study
SF ₆	sulphur hexafluoride
SIL	survey intensity level
SLUPA	Strategic Land Use Planning Agreement
SMA	Special Management Area
SMP	Social Management Plan
SMZ	Special Management Zone
SO ₂	sulphur dioxide
SO ₄	sulphate
SO _x	sulphur oxides
SPL	sound pressure level
SPL _{peak}	peak sound pressure level
SPL _{rms}	root mean square sound pressure level
SQCRD	Skeena-Queen Charlotte Regional District
SQCRDA	Skeena-Queen Charlotte Regional District Electoral Area
SRMP	Sustainable Resource Management Plan
SRP	Spill Response Plan
SSE	safe shutdown earthquake
STI	sexually transmitted infection
STIR	salary-to-income ratio
t	tonne
t/day	tonnes per day
t/year	tonnes per year
TC	Transport Canada
Tcf	trillion cubic feet
TDR	Technical Data Report
TEF	toxic equivalency factor
TEK	traditional ecological knowledge
TEM	terrestrial ecosystem mapping
TEQ	toxic equivalents
TERMPOL	Technical Review Process of Marine Terminal Systems and

TEU	twenty foot equivalent units
the Project	Aurora LNG Project
TK	Traditional Knowledge
TLAA	terrestrial local assessment area
TLU	traditional land use
TOC	total organic carbon
TSA	Timber Supply Area
TSS	total suspended solids
TTS	temporary threshold shift
TU	Traditional Use
TUS	traditional use study
UCL	upper confidence level
UNBC	University of Northern British Columbia
UNBC	University of Northern British Columbia
US	United States
UTM	Universal Transverse Mercator
UV	ultraviolet
VALAA	Vegetation Acidification Local assessment area
VC	Valued Component
VHF	very high frequency
VLI	visual landscape inventory
VOC	volatile organic compound
VRI	vegetation resources inventory
WCI	Western Climate Initiative
WCP	Wetland Compensation Plan
WGS	World Geodetic System
WHMIS	Workplace Hazardous Materials Information System
WHO	World Health Organization
WMB	Wildfire Management Branch
WMU	Wildlife mangement Unit
WQG	water quality guideline
ww	wet weight
WWII	World War II

