

Pacific NorthWest LNG - Addendum to the Environmental Impact Statement



Prepared for:

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Abbreviations

%HA	percentage highly annoyed
%HA	percentage highly annoyed
$\mu\text{g}/\text{m}^3$	micrograms per cubic metre
AADT	annual average daily traffic
AAEFP	Aquatic Acidification and Eutrophication Follow-up Program
AAQO	ambient air quality objective
agl	above ground level
ALARA	as low as reasonably achievable
ARU	acoustic recording units
asl	above sea level
BC	British Columbia
BC EAO	BC Environmental Assessment Office
BC MCSCD	BC Ministry of Community, Sport and Cultural Development
BC MOE	BC Ministry of Environment
BC MOTI	BC Ministry of Transportation and Infrastructure
BC OGC	BC Oil and Gas Commission
Bcfd	billion standard cubic feet per day
BG Group	British Gas Group
CAC	criteria air contaminants
CAR	Canadian Aviation Requirement
CCG	Canadian Coast Guard
CCME	Canadian Council of Ministers of the Environment

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CEA	cumulative effects assessment
CEA Agency	Canadian Environmental Assessment Agency
CEAA	Canadian Environmental Assessment Act
CEC	cation exchange capacity
CEPA	Canadian Environmental Protection Act
CH ₄	methane
Cm	centimetres
CMT	culturally modified tree
CO	carbon monoxide
CO ₂	carbon dioxide
CO _{2e}	carbon dioxide equivalent
COPC	chemical of potential concern
COSEWIC	Committee on the Status of Endangered Wildlife in Canada
CPUE	Catch per Unit Effort
CRA	commercial, recreational, and Aboriginal [fisheries]
CSA	Canadian Standards Association
CWHvh2	Coastal Western Hemlock Very Wet Hypermaritime
dB	linear decibel level
dBA	A-weighted decibel level
DFO	Fisheries and Oceans Canada
EC	Environment Canada
ECA	emission control area
EIS	Environmental Impact Statement
EMP	environmental management plan
EMS	emergency medical services

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EPCC	Engineering, Procurement, Construction and Commissioning
EVC	Existing Visual Condition
FEED	front end engineering design
FSC	food, social and ceremonial
GDP	Gross Domestic Product
GHG	greenhouse gas
GIS	geographic information system
GPS	global positioning system
H _{1/100}	the upper 1st percentile mean wave height
ha	hectares
HAP	hazardous air pollutant
HHRA	Human health risk assessment
HHW	highest high-water
HOP	habitat offsetting plan
HRA	Health Risk Assessment
kJ/L	kilojoule per litre
Km	kilometres
kPa	kilopascal
kW	kilowatt
LAA	local assessment area
L _d	daytime equivalent sound level
L _{dn}	daytime and nighttime equivalent sound level
LEED	Leadership in Energy & Environmental Design
L _{eq,1hr}	hourly equivalent sound level
L _n	nighttime equivalent sound level

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LNG	liquefied natural gas
M	metres
m asl	metres above sea level
m/s	metres per second
m ²	square metres
m ³	cubic metres
MBCA	Migratory Birds Convention Act
MCTS	Marine Communications and Traffic Services
MFFHFP	Marine Fish and Fish Habitat Follow-up Program
mg/L	milligrams per litre
mm	millimetres
MMO	marine mammal observer
MOF	materials off-loading facility
MSL	mean sea level
MTCFFP	Marine Traditional Country Food follow-up Program
MTPA	million tonnes per annum
MW	megawatt
N/A	not applicable
N ₂ O	nitrous oxide
NAAQS	national ambient air quality standards
NADP	National Atmospheric Deposition Program
Nm	nautical miles
NO ₂	nitrogen dioxide
NOTAMs	notices to airmen
NO _x	nitrogen oxides

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NRCan	Natural Resources Canada
OGC	Oil and Gas Commission
OPS	Operational Policy Statement
PCDD/F	polychlorinated dibenzo-p-dioxins and dibenzofurans
PDA	project development area
PM	particulate matter
PM ₁₀	particulate matter less than 10 microns
PM _{2.5}	particulate matter less than 2.5 microns
PNW LNG	Pacific NorthWest LNG Limited Partnership
PPA	Pacific Pilotage Authority
PRPA	Prince Rupert Port Authority
PY	person years
Q1	first quarter
Q2	second quarter
Q3	third Quarter
Q4	fourth quarter
RAA	regional assessment area
RIC	Resources Inventory Committee
RISC	Resource Information Standards Committee
RO/RO	roll-on/roll-off
RPT	Rapid Phase Transition
SARA	Species at Risk Act
SDR	Systematic Data Recovery
SEEMP	socio-economic effects management plan
SO ₂	sulfur dioxide

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STFP	Sediment Transport Follow-up Program
t/y	tonnes per year
TAEFP	Terrestrial Acidification and Eutrophication Follow-up Program
tCO _{2e}	tonnes of carbon dioxide equivalent
TDR	technical data report
TEM	Terrestrial Ecosystem Mapping
TEQ	toxic equivalent
the Project	Pacific NorthWest LNG Project
TSS	total suspended solids
TU/TK	Traditional Use/Traditional Knowledge
TUS	Traditional Use Study
US EPA	United States Environmental Protection Agency
VC	valued component
VFR	visual flight rules
VOC	volatile organic compounds
VSC	visual sensitivity class
VSU	Visual Sensitivity Unit
VWRFP	Vegetation and Wetland Resources Follow-up Program
WQG	water quality guideline