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GOLDBORO  
LNG

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## LIST OF ACRONYMS

ACCDC	Atlantic Canada Conservation Data Centre
AGRS	Acid Gas Removal System
AMO	abandoned mine opening
API	American Petroleum Institute
ARDA	Antigonish Regional Development Authority
ARIA	Archaeological Resources Impact Assessment
ARTM	Atlantic Road and Traffic Management
BFL	Boreal Felt Lichen
BLEVE	Boiling Liquid Expanding Vapour Explosion
BOG	Boil-off Gas
C-1	Commercial General (District 7 Land Use Bylaw)
C3MR	Propane (C3) pre-cooled mixed refrigerant (MR) process
CAC	Criteria Air Contaminants
CB&I	Chicago Bridge & Iron UK Ltd
CBA	Collaborative Benefits Agreement
CBC	Canadian Broadcasting Corporation
CC-1	Coastal Community (District 7 Land Use Bylaw)
CCME	Canadian Council of Ministers of the Environment
CD	Chart Datum
CDN	Canadian
CEA	Cumulative Effects Assessment
CEAA	<i>Canadian Environmental Assessment Act</i>
CEO	Chief Executive Officer
CEPA	<i>Canadian Environmental Protection Act</i>
CH <sub>4</sub>	methane
CHB	Community Health Boards
CHS	Canadian Hydrographic Services
CLC	Community Liaison Committee
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2e</sub>	carbon dioxide equivalent
COO	Chief Operating Officer
COSEWIC	Committee on the Status of Endangered Wildlife in Canada
CRA	commercial, recreational, or Aboriginal
CSA	Canadian Standards Association
CWS	Canadian Wildlife Service
DFO	Fisheries and Oceans Canada
DHV	Design Hourly Volume
DWA	Deer Wintering Area's
EA	Environmental Assessment
EC	Environment Canada
ECM	Environmental Compliance Monitoring

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EEM	Environmental Effects Monitoring
EHS	Emergency Health Service
ELC	Ecological Land Classification
EMP	Environmental Management Plan
EPP	Environmental Protection Plan
EPT	Ephemeroptera Plecoptera Trichoptera
ESD	Emergency Shutdown (ESD) System
FEED	Front End Engineering Design
FWAL	Freshwater Aquatic Life
GASHA	Guysborough Antigonish Strait Health Authority
GCHA	Guysborough County Heritage Association
GDP	Gross Domestic Product
GHG	Greenhouse Gas
GHGMP	Greenhouse Gas Management Plan
GPS	Global Positioning System
GSC	Geological Survey of Canada
H <sub>2</sub> S	hydrogen sulphide
HADD	Harmful Alteration, Disruption or Destruction (of Fish / Fish Habitat)
HASP	Health and Safety Plan
HAZCON	Hazards in Construction
HAZID	Hazard Identification
HAZOP	Hazards and Operability Analysis (hazards analysis techniques for systems, hardware, and procedures)
HSE	Health, Safety and Environment
I-3	Industrial Resource (District 7 Land Use Bylaw)
ICSS	Integrated Control & Safety System
IMO	International Maritime Organization
ISO	International Standards Organization
Keltic Project	Keltic Petrochemicals and LNG Project
KMK	Kwilmu'kw Maw-klusuaqn
KO	Knock Out
LAN	Local Area Network
LNG	Liquefied Natural Gas
LOA	Length Overall (boat specification)
LP	Low Pressure
M&NP	Maritimes & Northeast Pipeline
MapleLNG	MapleLNG Limited
MBA	Maritimes Butterfly Atlas
MBBA	Maritime Breeding Bird Atlas
MBCA	<i>Migratory Birds Convention Act</i>
MCHE	Main Cryogenic Heat Exchange
MEKS	Mi'kmaq Ecological Knowledge Study
MODG	Municipality of the District of Guysborough

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MOF	Marine Offloading Facility
MOU	Memorandum of Understanding
MR	mixed refrigerant
MSDS	Material Safety Data Sheet
N <sub>2</sub> O	nitrous oxide
NAFO	Northwest Atlantic Fisheries Organization
NB	New Brunswick
NBCC	National Building Code of Canada
NFPA	National Fire Protection Association
NGL	Natural Gas Liquids
NGSWG	National General Status Working Group
NH <sub>3</sub>	ammonia
NO <sub>2</sub>	nitrogen dioxide
NO <sub>x</sub>	nitrogen oxides
NPRI	National Pollutant Release Inventory
NR-1	Natural Resources (District 7 Land Use Bylaw)
NS	Nova Scotia
NSDA	Nova Scotia Department of Agriculture
NSDAF	Nova Scotia Department of Aquaculture and Fisheries
NSDE	Nova Scotia Department of Energy
NSDNR	Nova Scotia Department of Natural Resources
NSE	Nova Scotia Department of Environment
NSEA	<i>Nova Scotia Environment Act</i>
NSEL	Nova Scotia Department of Environment and Labour
NSESA	<i>Nova Scotia Endangered Species Act</i>
NSF	Nova Scotia Department of Finance
NSFA	Nova Scotia Federation of Agriculture
NSMNH	Nova Scotia Museum of Natural History
NSPI	Nova Scotia Power Inc.
NSTIR	Nova Scotia Department of Transportation and Infrastructure Renewal
NSUARB	Nova Scotia Utilities and Review Board
NSWA	<i>Nova Scotia Wildlife Act</i>
NWPA	<i>Navigable Waters Protection Act</i>
PDO	Property Damage Only
PEI	Prince Edward Island
PEL	Probable Effect Level
PIRI	Partners in RBCA (Risk-Based Corrective Action) Implementation (various countries; environmental program)
PM	Particulate Matter
PM <sub>10</sub>	PM with aerodynamic diameter less than a nominal 10 micrometers
PM <sub>2.5</sub>	PM with aerodynamic diameter less than a nominal 2.5 micrometers

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POL	petroleum-oil-lubricant
RBCA	Atlantic Risk-based Corrective Action
RCMP	Royal Canadian Mounted Police
RMP	Risk Management Plan
ROW	Right-of-Way
SAR	Species at Risk
SARA	<i>Species at Risk Act</i>
SBMMMP	Sulphide Bearing Materials Management Plan
SO <sub>2</sub>	sulphur dioxide
SOCC	Species of Conservation Concern
SOEI	Sable Offshore Energy Inc.
SO <sub>x</sub>	sulphur oxides
SQG	Sediment Quality Guidelines
TC	Transport Canada
TERMPOL	Technical Review Process of Marine Terminal Systems in Transshipment Sites
the Agency	Canadian Environmental Assessment Agency
the Project	Goldboro LNG Project
the Proponent	Pieridae Energy (Canada) Ltd.
TOR	Terms of Reference
TSP	total suspended particulates
TSS	total suspended sediments
UNESCO	United Nations Educational, Scientific and Cultural Organization
US	United States
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
UTM	Universal Transverse Mercator
VEC	Valued Environmental Component
VHF	very high frequency
VOC	Volatile Organic Compound
WHMIS	Workplace Hazardous Materials Information System
WHO	World Health Organization
WL	wetland
WNS	White-Nose Syndrome

## LIST OF UNITS

%	percent
µg/kg	micrograms per kilogram
µg/L	micrograms per litre
µg/m <sup>3</sup>	micrograms per cubic metre
µS/cm	microseimens per centimetre
µS/m	microseimens per metre
barg	bar gauge
cm	centimetre
dB	decibels
dB (L <sub>Amax</sub> )	decibels (Maximum Sound Level)
dB (L <sub>eq</sub> )	decibels (Equivalent Sound Level)
dB re 1 µPa	decibel micropascals
dB(A)	decibels (A-Weighted)
dB(Lin)	decibels (Unweighted)
dbh	diameter breast height
g/s	grams per second
ha	hectare
kg	kilogram
km	kilometre
km/h	kilometres per hour
km <sup>2</sup>	square kilometre
kVA	kiloVolts-amps
kW	kilowatt
kW/ m <sup>2</sup>	kilowatt per square metre
L	litre
L/d	litres/day
Ldn	Day-night level
LPM	litres per minute
m	metre
m/s	metres per second
m <sup>2</sup>	square metres
m <sup>3</sup>	cubic metres
m <sup>3</sup> /d	cubic metres per day
m <sup>3</sup> /h	cubic metres per hour
mbar (g)	millibars (gauge)
Mcf/d	million cubic feet per day
mg/kg	milligrams per kilogram
mg/L	milligram per litre
mg/m <sup>3</sup>	milligrams per cubic metre
mg/m <sup>3</sup> (n)	milligrams per cubic metre (normal)
mg/Nm <sup>3</sup>	milligrams per (normal) cubic metres
MJ/m <sup>3</sup> (s)	megajoules per cubic metre (standard)
mm	millimetre



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MMscf	million standard cubic feet
mol%	mol percent
Mt	million tonnes
Mtpa	million tonnes per annum
MW	megawatt
NCU	Nephelometric Turbidity Units
ng/L	nanograms per litre
°C	degrees Celsius
ppb	parts per billion
ppm	parts per million
ppmv	parts per million (volumetric)
ppt	parts per thousand
RPM	revolutions per minute
scf	standard cubic feet
t	tonne (metric ton)
t/d	tonnes per day
t/y	tonnes per year
V	volt
vol%	volume percent
vpd	vehicles per day