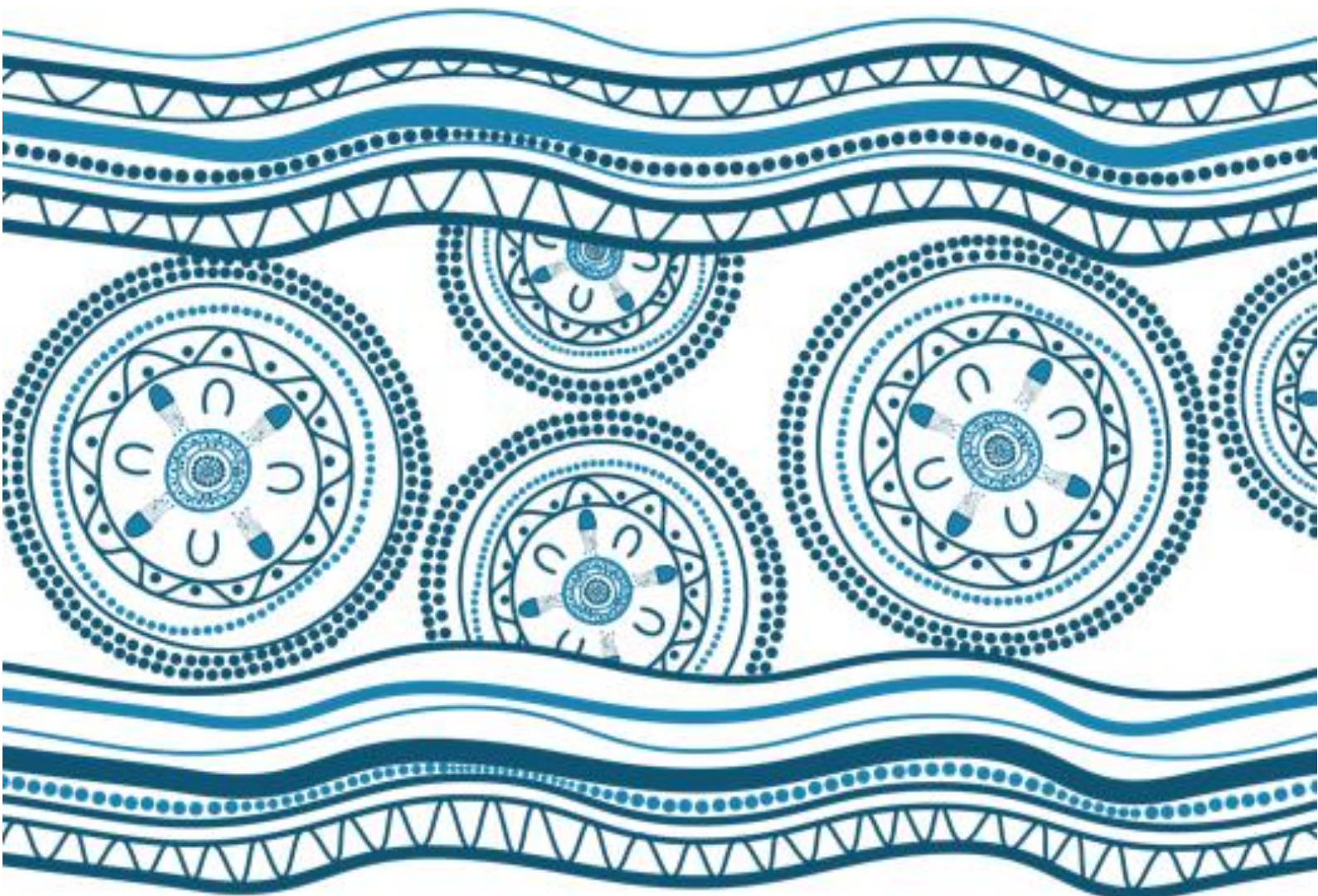


Glossary of terms and abbreviations



BLANK PAGE

Glossary of terms and abbreviations

Term	Meaning
µg/m ³	Micrograms per cubic metre
ABS	Australian Bureau of Statistics
ACHAR	Aboriginal Cultural Heritage Assessment Report
ACM	Asbestos containing material
AEP	Annual Exceedance Probability The probability of a rainfall or flood event exceeding a nominated level in a year. A 1% AEP is the probability of an event exceeding a nominated level in 100 years.
AFG	Aboriginal Focus Group
AHD	Australian Height Datum The standard reference level used to express the relative height of various features. A height given in metres AHD is essentially the height above sea level. Mean sea level is set as zero elevation.
AHIMS	Aboriginal Heritage Information Management Systems A register of NSW Aboriginal heritage information.
AIMA	Australian Institute for Maritime Archaeology
AMP	Asbestos Management Plan
AMSA	Australia Maritime Safety Authority
Anemometer	Device used for measuring wind speed and direction.
ANZECC	Australian and New Zealand Environment and Conservation Council
APiC	Aboriginal Participation in Construction
AR5	Intergovernmental Panel on Climate Change Fifth Assessment Report
ARMCANZ	Agriculture and Resource Management Council of Australia and New Zealand
ARR	Australian rainfall and runoff
ASC NEMP	National Environmental Protection (Assessment of Site Contamination) Measure 1999
AS/NZS	Australian Standard/New Zealand Standard
ASS	Acid sulfate soils Naturally acid clays, mud and other sediments usually found in swamps and estuaries. They may become extremely acidic when drained and exposed to oxygen and may produce acidic leachate run-off that can pollute waters and liberate toxins.
BAM	Biodiversity Assessment Method
BC Act	<i>Biodiversity Conservation Act 2016</i>
BC Regulation	Biodiversity Conservation Regulation 2017
BDAR	Biodiversity Development Assessment Report
Benthic infauna	Animals living within marine sediments.
BOM	Bureau of Meteorology
BTEX	Ethylbenzene and xylenes
CBA	Cost-benefit analysis
CBD	Central Business District
CCTV	Closed-circuit television
CD	Chart datum
CEMP	Construction Environmental Management Plan A site specific plan developed for the construction phase of a project to ensure that all contractors and sub-contractors comply with the environmental conditions of approval for the project and that environmental risks are properly managed.
CEO	Chief Executive Officer
CFCs	Chlorofluorocarbons
CHL	Commonwealth Heritage List
CH ₄	Methane (a greenhouse gas)
CLM Act	<i>Contaminated Land Management Act 1997</i>
CM Act	<i>Coastal Management Act 2016</i>
CMP	Conservation Management Plan
CNVMP	Construction Noise and Vibration Management Plan
CO ₂	Carbon dioxide (a greenhouse gas)
CO _{2-e}	Carbon dioxide equivalent

Term	Meaning
	A metric measurement used to compare the emissions from various greenhouse gases based upon their global warming potential.
Concept design	The design stage which is assessed in this EIS.
Covid-19	Coronavirus-19
CRA	Climate Risk Assessment
CSIRO	Commonwealth Scientific and Industrial Resource Organisation
CSM	Conceptual site model
CTMP	Construction Traffic Management Plan
DAWE	Department of Agriculture, Water and the Environment
dBA	Decibels using the A-weighted scale measured according to the frequency of the human ear.
dB L _{Aeq} ,15min	The equivalent continuous sound level. This is the energy average of the varying noise over the sample period and is equivalent to the level of constant noise which contains the same energy as the varying noise environment. This measure is a common measure of environmental noise and road traffic noise.
dB L _{A90} , 15min	The noise level which is exceeded for 90% of the sample period. During the sample period, the noise level is below LA90 level for 10% of the time. This is the measurement used to determine the rating background noise level.
DDA	<i>Disability Discrimination Act 1992</i>
DECCW	Department of Environment, Climate Change and Water (now the Department of Planning, Industry and Environment)
DoS	Degree of Saturation A term to provide the overall measure of capability of the intersection to accommodate additional traffic.
DPE	Department of Planning and Environment
DPI	Department of Primary Industries
DPIE	Department of Planning, Industry and the Environment
DSAPT	Disabled Standard for Accessible Public Transport
ECL	East coast low
EES Group	Environment, Energy and Science Group (under NSW DPIE)
EIS	Environmental Impact Statement An environmental impact assessment document prepared in accordance with the requirements of Division 4 of the Environmental Planning and Assessment Regulation 2000.
ENM	Excavated Natural Material
EPA	Former NSW Environment Protection Authority. Now part of the Department of Environment, Climate Change and Water.
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999</i>
EPL	Environment Protection Licence
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
ESCP	Erosion and Sediment Control Plan
ESD	Ecologically sustainable development
ESMP	Emergency Spill Management Plan
Fenders	A bumper used between vessels and the wharf.
FFDI	Forest Fire Danger Index
FM Act	<i>Fisheries Management Act 1994</i>
FRP	Fibre reinforced polymer
GDE	Groundwater dependent ecosystem
GHG	Greenhouse gas
GIS	Geographic information system
GREP	NSW Government Resource Efficiency Policy (OEH, 2019)
GWP	Global warming potential
H ₂ O	Water
HFCs	Hydrofluorocarbons
HMP	Heritage Management Plan
HP	Horizontal plane
IBA	Indigenous Business Australia
IBRA	Interim Biogeographic Regionalisation for Australia

Term	Meaning
ICNG	Interim Construction Noise Guideline
ICOMOS	International Council on Monuments and Sites
IPCC	Intergovernmental Panel on Climate Change
KTP	Key threatening process
kV	Kilovolt
LALC	Local Aboriginal Land Council
Landscape character	The aggregate of built, natural and cultural aspects that make up an area and provide a sense of place. Includes all aspects of a tract of land; built, planted and natural topographical and ecological features.
Landscape sensitivity	The sensitivity of a landscape character zone or view and its capacity to absorb change of the nature of the project and also relates to the type of viewer and number of viewers. Sensitivity is described as either negligible, low, moderate, or high.
Landscape magnitude of change	Refers to the nature, scale and duration of the change that is expected to occur. Magnitude of change is described as negligible, low, moderate, or high.
LCA	Landscape character area
LCVIA	Landscape Character and Visual Impact Assessment
LGA	Local government area
LoS	Level of service. A qualitative measure describing operational conditions within a traffic stream and their perception by motorists and/or passengers.
LPLALC	La Perouse Local Aboriginal Land Council
LSPS	Local Strategic Planning Statement
mAHD	Metres above Australian Height Datum
mbgl	Metres below ground level
MBOS	Marine Biodiversity Offset Strategy
MBT	Monobutyltin
MCA	Multi-criteria analysis
MHWS	Mean high water springs is the long-term mean of the heights of two successive high waters during those periods of 24 hours (approximately once a fortnight) when the range of tide is greatest, during full and new moon.
MHWN	Mean high water neaps is the long-term mean of the heights of two successive high waters when the range of tide is the least at the time of first and last quarter of the moon.
MLWS	Mean low water springs is the long-term mean of the heights of two successive low waters over the same periods as defined for MHWS.
MLWN	Mean low water neaps is the long-term mean of the heights of two successive low waters over the same periods as defined for MHWN.
MNES	Matters of national environmental significance
N ₂ O	Nitrous oxide
NARClIM	NSW and ACT Regional Climate Modelling Project
NatCASS	National Committee for Acid Sulfate Soils
Neap tidal range	Neap tides occur during the first and three quarter moons, when it is half full. Neap tidal ranges are smaller than spring tides.
NGER	National Greenhouse and Energy Reporting
NHL	National Heritage List
NML	Noise management level
NO ₂	Nitrogen dioxide
NO _x	Oxides of nitrogen
NPI	National Pollution Inventory
NPW Act	<i>National Parks and Wildlife Act 1974</i>
NPWS	NSW National Parks and Wildlife Service
NSW	New South Wales
O ₃ /Ozone	A gas made of three oxygen atoms; occurs naturally in the stratosphere where it provides protection for the earth from solar ultraviolet radiation; ozone in the troposphere is due to anthropogenic emissions and is a major component of photochemical smog.
OCHRE	Opportunity, Choice, Healing, Responsibility, Employment
OCP	Organochlorine pesticides

Term	Meaning
OEH	Former Office of Environment and Heritage (now the Department of Planning, Industry and Environment)
OLS	Obstacle Limitation Surface
OLSH	Our Lady of the Sacred Heart
OOHW	Out of hours work
OPP	Organophosphorus pesticides
OSL	Obstacle Limitation Surface
PACHCI	Transport for NSW's Procedure for Aboriginal Cultural Heritage Consultation and Investigation
PAD	Potential Archaeological Deposit
PAHs	Polycyclic aromatic hydrocarbons
PAN-OPS	Procedures for Air Navigation Services Aircraft Operations
PAPI	Precision Approach Path Indicator
PCB	Polychlorinated biphenyl A general term used to describe a family of chlorinated aromatic compounds
PCT	Plant community types
Peak pressure (PL, L _{pk})	The maximum change in water pressure associated with underwater noise. This is also referred to a peak impulsive noise and is typically used to assess sudden shock and startle response health and welfare impacts.
PFAS	Per and Polyfluoroalkyl Substance
PFCs	Perfluorocarbons
PM	Particulate Matter
PM _{2.5}	Particulate Matter with an aerodynamic diameter less than 2.5µm
PM ₁₀	Particulate Matter with an aerodynamic diameter less than 10µm
PMST	Protected Matters Search Tool
POEO Act	<i>Protection of the Environmental Operations Act 1997</i>
POMS	Pacific Oyster Mortality Syndrome
PSI	Preliminary Site Investigation
PWG	Project Working Group
QX	Stands for Queensland Unknown, and is a parasite that affects Sydney rock oysters
RAP	Registered Aboriginal Party
RBL	Rating Background Level. The median value of the assessment background level values for the period over all of the days measured. There is therefore an RBL value for each period — daytime, evening and night time.
RCC	Randwick City Council
RCP 8.5	Representative Concentration Pathway (from IPCC Assessment Report 5)
RMS	Former NSW Roads and Maritime Services
RNE	Register of National Estate
RNP	Road Noise Policy
RTA	Former Roads and Traffic Authority
SA2	Statistical Area Level 2
Sea allowance	The minimum distance required to raise an asset to maintain current frequency of breaches under projected sea level rise.
SEARs	Secretary's Environmental Assessment Requirements
SEIA	Socio-Economic Impact Assessment
SEIFA	Socio-Economic Index for Areas
SEPP	State Environment Planning Policy
Sessile species	Immobile species
SEQ	South East Queensland
SF ₆	Sulphur hexafluoride
SO ₂	Sulphur dioxide
SoHI	Statement of Heritage Impact
Sound exposure levels (SEL, L _{E,24h})	The cumulative level of energy contained within underwater noise and is typically used to assess health and welfare impacts. This is also referred to as the "noise dose".
Sound pressure level (SPL, L _p).	The average change in water pressure associated with underwater noise and is typically used to assess behavioural response.

Term	Meaning
Spring tidal range	Spring tides occur with a full or new moon. Average tidal ranges are larger during this time and occur twice a month.
SSC	Sutherland Shire Council
SSI	State Significant Infrastructure
SVOCs	Semi-volatile organic compounds
SWMP	Soil and Water Management Plan
TBT	Tributyltin
TEC	Threatened ecological communities
TMP	Traffic Management Plan
Transport for NSW	Transport for New South Wales
TRH	Total recoverable hydrocarbons
TSI	Targeted Site Investigation
TSP	Total suspended particles
UN SDGs	United Nations Sustainable Development Goals
USEPA	US Environmental Protection Agency
UNESCO	United Nations Educational, Scientific and Cultural Organization
UXO	Unexploded ordnance
VEM	Visual envelope map
VENM	Virgin Excavated Natural Material
VOCs	Volatile organic compounds
VTS	Vessel traffic service
VZ	Vegetation zone
WEMP	Waste and Energy Management Plan
WSP	Water Sharing Plan