



SECTION 11.0

Abbreviations and Glossary

11.0 Abbreviations and Glossary

11.1 Abbreviations

ABARE	Australian Bureau of Agricultural and Resource Economics
ANZECC	Australian and New Zealand Environment and Conservation Council
ARTC	Australian Rail Track Corporation
ASSMP	Acid Sulphate Soils Management Plan
CCT	Carrington Coal Terminal
CFC	Chlorofluorocarbon
CIS	Community Information Sheet
dB	Decibel
dBA	A-weighted decibel
DECCW	Department of Environment, Climate Change and Water.
DEWHA	Department of Environment, Water, Heritage and the Arts
DGRs	Director-General's Requirements
DoP	Department of Planning
DPI	Department of Primary Industries
DWE	Department of Water and Environment
EA	Environmental Assessment
EEC	Endangered Ecological Community
EPA	Environment Protection Authority of NSW (former, now DEC)
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i> (NSW)
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999</i> (Commonwealth)
EPL	Environment Protection Licence
EMS	Environmental Management System
GHG	Greenhouse Gas
HVAS	high volume air sampler
HVCCC	Hunter Valley Coal Chain Coordinator

HVCCLT	Hunter Valley Coal Chain Logistics Team
INP	Industrial Noise Policy
KCT	Kooragang Coal Terminal
LEP	Local Environmental Plan
LGA	Local Government Area
LoS	Level of Service
ML	Megalitres
Mt	million tonnes
Mtpa	million tonnes per annum
NCC	Newcastle City Council
NCIG	Newcastle Coal Infrastructure Group
NCIG CET	Newcastle Coal Infrastructure Group Coal Export Terminal
NGA	National Greenhouse Accounts
NPC	Newcastle Port Corporation
NPWS	National Parks and Wildlife Service
PASS	Potential Acid Sulphate Soils
POEO Act	<i>Protection of the Environment Operations Act 1997 (NSW)</i>
PWCS	Port Waratah Coal Services Limited
RBL	Rated Background Level
RIC	Rail Infrastructure Group
RTA	Roads and Traffic Authority
SEPP	State Environmental Planning Policy
STAP	Stapleton Transportation and Planning Pty Ltd
TSP	total suspended particulate matter, usually in the size range of zero to 50 micrometres
Umwelt	Umwelt (Australia) Pty Limited
WBCSD	World Business Council for Sustainable Development
WRI	World Resources Institute
yr	Year

11.2 Glossary

Attenuation:	The reduction in magnitude of some variable in a transmission system, for example, the reduction of noise with distance as it travels through air.
Background Noise:	Existing noise in the absence of the sound under investigation and all other extraneous sounds.
Conservation:	The management of natural resources in a way that will preserve them for the benefit of both present and future generations.
dB (Decibel)	A unit for expressing the relative intensity of sounds on a logarithmic scale from zero (for average least perceptible sound) to about 130 (for the average pain level).
dBA	A modified decibel scale which is weighted to take account of the frequency response of the normal human ear.
Ecology:	The science dealing with the relationships between organisms and their environment.
Environmental Planning and Assessment Act 1979:	NSW Government Act to provide for the orderly development of land in NSW.
Environment Protection and Biodiversity Conservation Act 1999:	Commonwealth legislation that regulates development proposals that have an actual or potential impact on matters of national environmental significance.
Fauna:	All vertebrate animal life of a given time and place.
Flora:	All vascular plant life of a given time and place.
Habitat:	The environment in which a plant or animal lives; often described in terms of geography and climate.
L_{A10} Noise Level:	The noise level, measured in dB(A), which is exceeded for 10 per cent of the time, which is approximately the average of the maximum noise levels.
L_{Aeq} Noise Level:	The average noise energy, measured in dB(A), during a measurement period.
L_{AMax} Noise Level:	The maximum noise energy, measured in dB(A), during a measurement period.
Mean:	The average value of a particular set of numbers.
Megalitre (ML):	One million litres.
Mitigate:	To lessen in force, intensity or harshness. To moderate in severity.

Native:	Belonging to the natural flora or fauna in a region.
Particulates:	Fine solid particles which remain individually dispersed in gases.
Protection of the Environment Operations Act 1997:	NSW legislation administered by DEC that regulates discharges to land, air and water.
Rated Background Level (RBL):	A period (day, evening or night) background noise level determined in accordance with chapter 3 of the EPA Industrial Noise Policy (EPA, 2000).
Socio-economic:	Combination of social and economic factors.
Thermal Coal:	Includes medium to high ash, low sulphur coals used for domestic power generation and medium to low ash energy coals which are exported.
Total Suspended Particulates (TSP):	A measure of the total amount of un-dissolved matter in a volume of water or air usually expressed in milligrams per litre (mg/L) (for water) or micrograms per cubic metre ($\mu\text{g}/\text{m}^3$) for air.