

Abbreviations

$\mu\text{g}/\text{m}^3$	micrograms per cubic metre
ABS	Australian Bureau of Statistics
ADCC	Aboriginal Development Consultative Committee
AEMR	annual environmental management report
AIP	NSW Aquifer Interference Policy
AIS	agricultural impact statement
ANZECC	Australian and New Zealand Environment and Conservation Council
ARI	average recurrence interval
BMP	blast management plan
BOP	Bulga Optimisation Project
BSAL	biophysical strategic agricultural land
CCC	community consultative committee
CCL	consolidated coal lease
CIC	critical industry cluster
$\text{CO}_2\text{-e}$	carbon dioxide equivalent
CPP	coal preparation plant
dB	decibels
dB(A)	sound intensity with an 'A' contour filter
dB($L_{\text{in Peak}}$)	peak linear frequency response
DCCEE	Commonwealth Department of Climate Change and Energy Efficiency
DECCW	NSW Department of Environment, Climate Change and Water
DGRs	Director-General's Requirements
DoE	Commonwealth Department of the Environment
DP&I	NSW Department of Planning and Infrastructure
EA	environmental assessment

EC	electrical conductivity
EEC	endangered ecological community
EIS	environmental impact statement
EMM	EMGA Mitchell McLennan
EMS	environment management system
ENM	environmental noise model
EPA	NSW Environment Protection Authority
EPL	environment protection licence
ERM	Environmental Resources Management Limited
ESD	ecologically sustainable development
FFMP	Flora and Fauna Management Plan
GHG	greenhouse gases
GSSE	GSS Environmental Pty Limited
GWP	global warming potential
ha	hectares
HMA	habitat management areas
HRSTS	Hunter River Salinity Trading Scheme
HSEQMS	health, safety, environment and quality management system
HVAS	high volume air samplers
HVO	Hunter Valley Operations
HVRF	Hunter Valley Research Foundation
INP	NSW Industrial Noise Policy
IS	iso-thermal
ISO	International Organisation for Standardisation
kg	kilograms
km	kilometres
L&E Court	NSW Land and Environment Court

L _{1,1min}	noise level present for 1% of 1 minute
LEP	local environmental plan
L _{eq,15min}	15-minute A-weighted equivalent continuous sound pressure level
L _{max}	maximum noise level
LOM	life of mine
m	metre
mets	prevailing meteorology
MIC	maximum instantaneous charge
ML	million litres
ML	mining lease
mm/s	peak particle velocity measured in millimetres per second
MNES	matters of national significance
MOP	mining operations plan
Mt	million tonnes
MTCL	Mount Thorley Coal Loader
MTJV	Mount Thorley Joint Venture
MTO	Mount Thorley Operations
Mtpa	million tonnes per annum
MTW	Mount Thorley Warkworth
NDA	non-disturbance area
NEPC	National Environment Pollution Committee
NEPM	national environment pollution measure
NGA	national greenhouse accounts
NMP	noise management plan
NOW	NSW Office of Water
OEH	NSW Office of Environment and Heritage
PAC	NSW Planning Assessment Commission

pH	a measure of an aqueous solution's acidity or basicity
PM ₁₀	particulates which are 10 millimetres in diameter
PPV	peak particle velocity
RMS	NSW Roads and Maritime Services
ROM	run of mine coal
RTA	NSW Roads and Traffic Authority
SA	statistical area
SAL	strategic agricultural land
SCADA	supervisory control and data acquisition
SD	statistical division
SEPP	State environmental planning policy
SPCC	State Pollution Control Commission
SPL	sound power level
SRLUP	strategic regional land use policy
TARP	noise trigger action response plan
TEOM	tapered element oscillating microbalance
TSF	tailings storage facility
TSP	total suspended solids
TSS	total suspended solids
US EPA	United States Environment Protection Agency
VCA	voluntary conservation agreement
WAL	water access license
WML	Warkworth Mining Limited
WMS	water management system
WSW	Warkworth Sands Woodland

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