

ABBREVIATIONS

µg	microgram (one millionth of a gram)
1D	One Dimensional
AAD	Average Annual Damages
AADT	Average Annual Daily Traffic
AATC	Average Annual Time of Closure
ABS	Australian Bureau of Statistics (Commonwealth)
ACH Act	<i>Aboriginal Cultural Heritage Act 2003</i> (Cth)
ADWG	Australian Drinking Water Guidelines
AEMSC	Australian Explosives Manufacturer Safety Committee
AEP	Annual Exceedance Probability
AGO	Australian Greenhouse Office
AHD	Australian Height Datum
ALARP	As Low As Reasonably Practical
ALUM	Australian Land Use and Management system
AMA	Area Management Advice
AMTD	Adopted Middle Thread Distance
ANCOLD	Australian National Committee on Large Dams
ANFO	Ammonia Nitrate Fuel Oil
ANZECC	Australian and New Zealand Environment and Conservation Council
APIA	Australian Pipeline Association Guidelines
ARI	Average Recurrence Interval
ARMCANZ	Agriculture and Resource Management Council of Australia and New Zealand
AS	Australian Standard
ASC	Australian Soil Classification
ASS	Acid Sulphate Soils
AST	Aboveground Storage Tank
ATEC	Australian Transport and Energy Corridor Pty Ltd
ATP	authority to prospect
AWA	Australian Water Association
AWQG	Australian Water Quality Guidelines
AWS	Automatic Weather Station
BA	Birds Australia
BAAM	Biodiversity Assessment and Mapping Methodology
BAS	Business Assistance Scheme
BBS	Brigalow Belt South
BCC	Brisbane City Council
BEMP	Best Environmental Management Practices
BHC	Bromohydrocarbon
BOD	Biological Oxygen Demand
BoM	Bureau of Meteorology (Commonwealth)
BP	Before Present
BPA	Biodiversity Planning Assessment
BSC	Banana Shire Council

BTEX	benzene, toluene, ethyl benzene and xylene
CAC	Community Advisory Committee
CAMBA	CAMBA means the Agreement between the Government of Australia and the Government of the People's Republic of China for the protection of Migratory Birds and their Environment signed in Canberra on 20 October 1986.
CBA	Cost Benefits Analysis
CBM	Coal Bed Methane
CC	Compacted Concrete
CCDs	Census Collector Districts
CEMP	Construction Environmental Management Plan
CEPLA	Chenoweth Environmental Planning and Landscape Architecture
CEQ	Council on Environmental Quality
CFISH	Commercial Fisheries Information System
CFRD	Concrete Faced Rockfill
CG	Coordinator-General
CGE	Computable General Equilibrium Modelling
CHCU	Cultural Heritage Coordinating Units
CHIMA	Cultural Heritage Investigation and Management Agreement
CHIMS	Cultural Heritage Investigation and Management Strategy
CHMP	Cultural Heritage Management Plan
CIA	Cumulative Impact Assessment
CIPA	Coal Infrastructure Program of Actions
CID	Community Infrastructure Designation
Ck	Creek
CLG	Community Liaison Group
CLR	Contaminated Land Register
cm	centimetre
CNCCS	Common Nature Conservation Class System
CO	Carbon monoxide
CO ₂	Carbon dioxide
CO ₂ -e	Carbon dioxide equivalents
COAG	Council of Australian Governments
CoG	Coordinator-General of the Department of Infrastructure (Queensland)
CPRS	Carbon Pollution Reduction Scheme Bill 2009
CS	Culturally Significant
CSG	Coal Seam Gas
CQRWSS	Central Queensland Regional Water Supply Strategy
CSIRO	Commonwealth Scientific and Industrial Research Organisation
Cth	Commonwealth
CW	Completely Weathered
dB	Decibel
DCDB	Digital Cadastre Database
DCL	Dam Crest Level
DCS	Distributed Control Systems
DDT	Dichloro-Diphenyl-Trichloroethane

DEEDI	Department of Employment, Economic Development and Innovation (Queensland)
DEM	Digital Elevation Model
DEO	Desired Environmental Outcomes
DERM	Department of Environment and Resource Management (Queensland)
DET	Department of Education and Training (Queensland)
DEWHA (now DSEWPC)	Department of Environment, Water, Heritage and the Arts (Commonwealth)
DG	Dangerous Goods
DIDO	drive in drive out
DIP	Department of Infrastructure and Planning (Queensland)
DLGP	Department of Local Government and Planning
DNRM (now DERM)	Department of Natural Resources and Mines (Queensland)
DNRW (now DERM)	Department of Natural Resources and Water (Queensland)
DO	Dissolved Oxygen
DoC	Department of Communities (Queensland)
DoCS	Department of Community Safety (Queensland)
DoS	Degree of Saturation
DPIF (now DEEDI)	Department of Primary Industries and Fisheries (Queensland)
DS	Downstream
DSEWPC	Department of Sustainability, Environment, Water, Population and Communities
DSI	Detailed Site Investigation
DVWSS	Dawson Valley Water Supply Scheme
DTMR	Department of Transport and Main Roads (Queensland)
E	Endangered under the <i>Nature Conservation Act 1992</i> (Qld) or <i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cth)
EAP	Emergency Action Plan
EAP	Employee Assistance Program
EC	Electrical Conductivity
ECEC	Effective Cation Exchange Capacity
ED	Evapotranspiration Depth
EEO Act	Energy Efficiency Opportunities Act 2006
EES	Ecotone Environmental Services
EFO	Environmental Flow Objective
EHMP	Ecosystem Health Monitoring Program
EIS	Environmental Impact Statement
EL	Elevation Level
EMA	Environmental Management and Assessment
EMP	Environmental Management Plan
EMR	Environmental Management Register
EP Act	<i>Environmental Protection Act 1994</i> (Qld)
EPA (now DERM)	Environmental Protection Agency (Queensland)
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cth)
EPP (Air) 2008	<i>Environmental Protection (Air) Policy 2008</i>
EPP (Noise) 2008	<i>Environmental Protection (Noise) Policy 2008</i>
EPP (Waste) 2000	<i>Environmental Protection (Waste) Policy 2000</i>

EPP (Water) 1997	<i>Environmental Protection (Water) Policy 1997</i>
EPR	<i>Environment Protection Regulation 2008</i>
EPR (Waste) 2000	<i>Environmental Protection (Waste Management) Regulation 2000</i>
ERA	Environmentally Relevant Activity under the <i>Environmental Protection Act 1994</i> (Qld)
E&RD	Earth and Rockfill
ERP	Emergency Response Plan
ERP	estimated residential population
ESA	Equivalent Standard Axles
ESCP	Erosion and Sediment Control Plan
ESD	Ecologically Sustainable Development
ESP (air)	Electrostatic Precipitator
ESP (soil)	Exchangeable Sodium Percentage
ET	Evapotranspiration
EVR	Endangered, Vulnerable or Rare listed species under the <i>Nature Conservation Act 1992</i> (Qld) or the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cth)
EVs	Environmental Values
FBA	Fitzroy basin Association
FHA	Fish Habitat Area
FIA	Failure Impact Assessment
FIFO	fly-in fly-out
FOC	fibre optic cable
FPWF	first post winter flow
FPWFE	First Post Winter Flow Event
FS	Field Surveys
FSL	Full Supply Level
FTE	Full Time Equivalent
GAB	Great Artesian Basin
GBR	Great Barrier Reef
GBRCMP	Great Barrier Reef Coastal Marine Park
GBRWHA	Great Barrier Reef World Heritage Area
GDP	Ground Disturbance Permit
GEC	Grout Enriched Concrete
GHG	Greenhouse Gas
GIS	Geographic Information Systems
GOAL	Good Quality Agricultural Land
GRP	Gross Regional Product
GS	Gauging Station
GSP	Gross State Product
GSQ	Geological Survey of Queensland
GVA	gross value added
GWDB	Groundwater Database
H	Horizontal
Ha	Hectare
HACCP	Hazard and Critical Control Point
HAT	Highest Astronomical Tide

HAZOP	Hazard and Operability
HNFY	Historical No Failure Yield
HP	High Priority
HQ	Hazard Quotient
Hr	Hour
IAS	Initial Advice Statement
ICHD	Indigenous Cultural Heritage Database
Icold	International Commission on Large Dams
ICN	Industry Capability Network
IDAS	Integrated Development Assessment System
IECA	International Erosion Control Association
IFHC	Incremental Flood Hazard Category
IGAE	Intergovernmental Agreement on the Environment
ILUA	Indigenous Land Use Agreement
IPA	<i>Integrated Planning Act 1997 (Old) (repealed)</i>
IPCC	Intergovernmental Panel on Climate Change
IQQM	Integrated Quality Quantity Model
IROL	Interim Resource Operations Licence
IWA	Interim Water Allocation
IWSC	Irrigation and Water Supply Commission
JAMBA	JAMBA means the Agreement between the Government of Japan and the Government of Australia for the Protection of Migratory Birds and Birds in Danger of Extinction and their Environment signed in Tokyo on 6 February 1974.
Kg	Kilograms
kL	Kilolitre
km	kilometre
km ²	Square kilometre
KRA	Key Resource Area
kV	Kilovolt
L	Litre
LC	Least Concern
L/s	Litres per Second
LCU	Landscape Character Units
LGA	Local Government Area
LI	Landscape Institute
LNCS	Local Nature Conservation Strategy
LNG	Liquefied Natural Gas
LOR	limit of resolution
LOS	Level of Service
LOTE	Language Other Than English
LOWA	Level of Water Availability
LPP	Land Purchasing Policy
LRRS	Local Road of Regional Significance
LWD	Large woody debris
m	metre

M	Species covered by migratory provisions of the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cth)
m ³ /s	metre cubed per second
MAD	mean annual diversion
MAF	Mean Annual Flow
MAR	Mean Annual Rainfall
MBcm	Million Cubic Metres
mBGL	Metres Below Ground Level
MCA	Multiple Criteria Analysis
MDBA	Murray Darling Basin Plan
MDE	Maximum Design Earthquake
MDL	Mineral Development Licences
Mg	Milligrams
ML	Megalitre
mm	millimetre
MNES	Matters of National Environmental Significance
MOL	minimum operating level
MOV	Minimum Operating Volume
MP	Medium Priority
MPN	Most Probable Number
MSCL	mild steel cement lined
MSDS	Material Safety Data Sheet
Mt (Air Quality)	Metatonnes
MWh	Megawatt Hours
NASCABD	National Strategy on Conservation of Australian Biological Diversity
NATA	National Association of Testing Authorities
NC Act	<i>Nature Conservation Act 1992</i> (Qld)
NC Reg	<i>Nature Conservation (Wildlife) Regulation 2006</i>
NEPC	National Environment Protection Council
NEPM	National Environment Protection Measure
NGA	National Greenhouse Accounts
NGER Act	National Greenhouse and Energy Reporting Act 2007
NGERS	National Greenhouse and Energy Resource System
NL	Not Listed under the <i>Nature Conservation Act 1992</i> (Qld) or <i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cth)
NNTT	National Native Title Tribunal
NOC	Not of Concern species under the <i>Vegetation Management Act 1999</i> (Qld)
NOX	Oxides of nitrogen
NP	National Park
NPWS	National Parks and Wildlife Service
NRM	Natural Resource Management
NRW	Natural Resources and Water
NS	Not Specified
NPV	Net Present Value
NSESD	National Strategy for Ecological Sustainability

NSR	Noise Sensitive Receiver
NT Act	<i>Native Title Act 1993</i> (Cth)
NTRB	Native Title Representative Bodies
NWI	National Water initiative
NWQMS	Australian National Water Quality Management Strategy
OBE	Operating Basis Earthquake
OC	Of Concern species under the <i>Vegetation Management Act 1999</i> (Qld)
Ocs	Organochlorine Pesticides
OEMP	Operational Environmental Management Plan
OESR	Office of Economic and Statistical Research
OFMA	Overfly Marine Area
OFS	Off-stream Storage
OPS	Organophosphorus Pesticides
OTR	other than rock
OUM	Office of Urban Management (Queensland)
P	Primary survey sites
PAH	Polycyclic Aromatic Hydrocarbons
PAR	Population at Risk
PB	Parsons Brinckerhoff
PCA	potential commercial areas
PCB	Polychlorinated Biphenyl
PGA	Peak Ground Acceleration
PHA	Preliminary Hazard Analysis/Assessment
PIFU	Population Information and Forecasting Unit
PJ	petajoules
PM	Particulate matter
PMAV	property map of assessable vegetation
PMF	Probable Maximum Flood
PMP	Probable Maximum Precipitation
PMPDF	Probable Maximum Precipitation Design Flood
PNL	planning noise level
PO Box	Post Office Box
PPE	Personal Protection Equipment
PPM	Parts per Million
PPV	Peak Particle Velocity
PR	Performance Requirements
PRW	Purified Recycled Water
PSI	Preliminary Site Investigation
PVA	Population Viability Analysis
PWQMP	Project Water Quality Monitoring Program
Q	Listed under the <i>Nature Conservation Act 1992</i> (Qld)
QA	Quality Assurance
QAS	Queensland Ambulance Service
QC	Quality Control

QCCCE	Queensland Climate Change Centre of Excellence
QDSM Guidelines	Queensland Dam Safety Management Guidelines
QFRS	Queensland Fire and Rescue Service
QH	Queensland Health (Queensland)
QH	Queensland Herbarium
QH Act	<i>Queensland Heritage Act 1992 (Qld)</i>
QHC	Queensland Heritage Council
QM	Queensland Museum
QMP	Quality Management Plan
QPS	Queensland Police Service
QPWS	Queensland Parks and Wildlife Service
QRL	Queensland Rail Limited
QT	Queensland Transport
QWC	Queensland Water Commission
QWQG	Queensland Water Quality Guidelines
R	Rare under the <i>Nature Conservation Act 1992 (Qld)</i> or <i>Environment Protection and Biodiversity Conservation Act 1999 (Cth)</i>
RAMSAR	The Convention on Wetlands of International Importance
RBL	Rating Background Level
RCC	Roller Compacted Concrete
RE	Regional Ecosystem
REDD	Regional Ecosystem Description Database
REIQ	Real Estate Institute of Queensland
RGMF	Regional Growth Management Framework
RIA	road impact assessment
RL	Relief Level
RNE	Register of National Estate
ROL	Resource Operations Licence
ROP	Resource Operations Plan
ROPS	Rollover Protective Structures
RTA	Registered Training Authority
RUMP	Road Use Management Plan
RVMC	Regional Vegetation Management Code
RWUE	Rural Water Use Efficiency Initiative
S	Secondary survey sites
SBF	seasonal base flow
SBRJV	Surat Basin Railway Joint Venture
SCADA	Supervisory Control and Data Acquisition
SCL	Strategic Cropping Land
SCLPF	Strategic Cropping Land Policy Framework
SDPWO Act	<i>State Development and Public Works Organisation Act 1971 (Qld)</i>
SE	Standard Error
SESP	Smart Energy Savings Program
SEVT	semi-evergreen vine thickets
SF	State Forest

SGP	Surat Gas Pipeline
SIA	Social Impact Assessment
SIMP	Social Impact Management Plan
SKM	Sinclair Knight Merz
SLA	Statistical Local Area
SME	Small and Medium Enterprises
SMEC	Snowy Mountains Engineering Corporation
SMP	Site Management Plan
SMS	Short Messaging Service
SO ₂	sulphur dioxide
SOP	Standard Operating Procedures
SP Act	Sustainable Planning Act 2009
SPP	State Planning Policy
SPO	single person quarters
SS	Suspended Solids
STP	Sewerage Treatment Plant
SWL	Standing Water Level
SWP	Statewide Water Policy
TAP	Technical Advisory Panel
TAPM	The Air Pollution Model
TBL	Triple Bottom Line
TDS	Total Dissolved Solids
TFI	Total Factor Income
TI Act	Transport Infrastructure Act
TMR	(Department) of Transport and Main Roads
TOC	Total Outturn Cost
ToR	Terms of Reference as described in Part 4 of the <i>State Development and Public Works Organisation Act 1971</i> (Qld)
ToS	Time of Submergence
TPH	total petroleum hydrocarbons
TPR	Third Party Reviewer
TQld	Tourism Queensland
TSP	Total Suspended Particulate Matter
TSS	Total Suspended Solids
UN	United Nations
URBS	Urban Runoff and Basin System
US	Upstream
USACE	United States Army Corps of Engineers
USLE	Universal Soil Loss Equation
UST	Underground Storage Tank
UXO	Unexploded Ordinance
V	Vertical
V (Ecology)	Vulnerable under the <i>Nature Conservation Act 1992</i> (Qld) or <i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cth)
VEM	visual envelope map

VMA	<i>Vegetation Management Act 1999 (Old)</i>
VMO	<i>Vegetation Management Option</i>
VPD	Vehicles Trips per Day
WAMP	Water Allocation Management Plan
WASO	Water Allocation Security Objective
WCD	World Commission on Dams
WCP	Wandoan Coal Project
WDRC	Western Downs Regional Council
WELS	Water Efficiency Labelling Scheme
WHAM	Whitsunday Hinterland and Mackay
WH&S Plan	Workplace health and Safety Plan
WHS	Water Harvesting Scheme
WMP	Waste Management Plan
WONS	Weeds of National Significance
WQMP	Water Quality Management Plan
WQO	Water Quality Objectives
WRP	Water Resource Plan
WSI	Water Security Index
WSS	Water Supply Scheme
WWTP	Wastewater Treatment Plant