

References



Aquaterra (2009). *Narrabri Coal Mine Stage 2 Longwall Project Hydrogeological Assessment*. Prepared for Whitehaven Coal Narrabri Coal Operations Pty Ltd by Aquaterra Consulting Pty Ltd.

Appleton, J. (2009). Narrabri Longwall stage 2 project: Aboriginal heritage assessment. Whitehaven Coal. Sydney

Austroads (2009). Guide to Road Safety, Part 6: Road Safety Audit

Australian and New Zealand Environment Conservation Council (ANZECC) and the Agriculture and Resource Management Council of Australia and New Zealand (ARMCANZ) (2000). *Australian and New Zealand guidelines for fresh and marine water quality*

Australian and New Zealand Environment Council (ANZEC) (1990). *Technical Basis for Guidelines to Minimise Annoyance due to Blasting Overpressure and Ground Vibration*

Australian Bureau of Statistics (ABS) (2015). *December 2014 key figures: 6401.0 - consumer price index*. Australia, http://www.abs.gov.au/ausstats/abs@.nsf/mf/6401.0

Australian Competition and Consumer Commission (ACCC) (2016). *Inquiry into the east coast gas market*. Canberra, ACT. 174 pp.

Australian Energy Market Operator (AEMO) 2013, *Gas statement of opportunities for Eastern and South Eastern Australia*. Sydney. Accessed at: https://www.aemo.com.au/Gas/National-planning-and-forecasting/Gas-Statement-of-Opportunities

Australian Energy Market Operator (AEMO) (2014). *Gas statement of opportunities: Update May 2014*. Sydney. Accessed at: https://www.aemo.com.au/Gas/National-planning-and-forecasting/Gas-Statement-of-Opportunities

Australian Energy Market Operator (AEMO) (2014a). *National gas forecasting report 2014*. Accessed at http://www.aemo.com.au/Gas/Planning/Forecasting/National-Gas-Forecasting-Report

Australian Energy Market Operator (AEMO) (2015). *Gas statement of opportunities for Eastern and South Eastern Australia*. Sydney. Accessed at: https://www.aemo.com.au/Gas/National-planning-and-forecasting/~/link.aspx? id=2F7F9A35C3AD4848885FB5857A5BCDEC& z=z

Australian Energy Market Operator (AEMO) (2016). *Gas statement of opportunities for Eastern and South Eastern Australia*. Sydney. Accessed at: https://www.aemo.com.au/Gas/National-planning-and-forecasting/-/media/3656BE8ED823423B8040E2F95AD0B1ED.ashx

Australian Forest Products Association (2016). Affordable gas crucial for manufacturing. Accessed at http://ausfpa.com.au/media-releases/affordable-gas-crucial-for-manufacturing/

Australian National University (2009). *Heritage Strategy 2010 – 2012*. Accessed at http://heritage.anu.edu.au/__documents/heritage-management/anu-heritage-strategy-2010-12.pdf

Australian Rail Track Corporation (ARTC) (2016). *About inland rail*. Accessed at http://inlandrail.artc.com.au/About

Austroads (2013). Guide to Traffic Management Part 3: Traffic Studies and Analysis

Barnett B., Townley L.R., Post V., Evans R.E., Hunt R.J., Peeters L., Richardson S., Werner A.D., Knapton A. and Boronkay A. (2012). *Australian groundwater modelling guidelines*. Waterlines Report Series No. 82, National Water Commission, Canberra, 191 pp.

Bear J, (1972). Dynamics of fluids in Porous Media. Dover Publications, New York.

Benson, J. S., Richards, P. G., Waller, S., and Allen, C. B. (2010). New South Wales Vegetation classification and Assessment: Part 3 Plant communities of the NSW Brigalow Belt South, Nandewar and west New England Bioregions and update of NSW Western Plains and South-western Slopes plant communities, Version 3 of the NSWVC. *Cunninghamia*, *11*(4), pp 457–579

Bouwer H., Maddock III, T. (1997). Making Sense of the interactions between groundwater and streamflow: Lessons for water masters and adjudicators. *Rivers*, Vol. 6, No 1, pp 19-31

BHP Billiton (2014). Caroona Coal Project, Project Description and Preliminary Environmental Assessment. Accessed at

https://majorprojects.affinitylive.com/public/354adfc3cd5e3d56dc2558950cf3083a/Caroona%20Coal%20Project%20-%20Preliminary%20Environmental%20Assessment.pdf

Business Council of Australia (2015). *Increasing Gas Supply Still the Best Path to Lower Prices*. Press release. Accessed at http://www.bca.com.au/newsroom/increasing-gas-supply-still-the-best-path-to-lower-prices

Business Council of Australia (2016). *Victorian Gas Ban Will Hit Businesses and Consumers*. Accessed at http://www.bca.com.au/media/victorian-gas-ban-will-hit-businesses-and-consumers

Canadian Council of Ministers of the Environment (2009). *Water Quality Guidelines*. Accessed at http://st-ts.ccme.ca/en/index.html?chems=all&chapters=all

Christison, R. (2006). Report on the Community Base Heritage Study of the former Coonabarabran Shire, Warrumbungle Shire Council. Accessed at http://www.warrumbungle.nsw.gov.au/planning---development/heritage-matters/heritage-in-warrumbungle-shire-council

Chessman, B.C. Growns, J.E. and Kotlash A.R. (1997). Objective derivation of macroinvertebrate family sensitivity grade numbers for the SIGNAL biotic index: application to the Hunter River System, New South Wales. *Marine and Freshwater Research*. No. 48, pp. 159 – 172

CleanGen (2015). *Narrabri Solar Farm Planning Application – Scoping Study*. November 2015. 23 pp. Accessed at

https://majorprojects.affinitylive.com/public/d21f1504afd35a045037aed4cccd48ff/Narrabri%20Solar%20Farm%20-%20Preliminary%20Environmental%20Assessment.pdf

Commonwealth Department of the Environment (DotE) (2009). Key threatening processes under the EPBC Act. Accessed at http://www.environment.gov.au/topics/biodiversity/threatened-species-ecological-communities/key-threatening-processes

Commonwealth Department of the Environment (DotE) (2013a). Significant Impact Guidelines 1.1 – Matters of National Environmental Significance. Accessed at

http://www.environment.gov.au/system/files/resources/42f84df4-720b-4dcf-b262-48679a3aba58/files/nesguidelines_1.pdf

Commonwealth Department of the Environment (DotE) (2013b). Protected Matters Search Tool for Matters of National Environmental Significance listed under the Commonwealth Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)

Commonwealth Department of the Environment (DotE) (2014). *Draft EPBC Act referral guidelines for the vulnerable koala (Combined Populations of Queensland, New South Wales and the Australian Capital Territory*). Canberra

Commonwealth Department of the Environment (DotE). (2016). *National Recovery Plan for the Regent Honeyeater (Anthochaera phrygia*). Canberra: Commonwealth Department of the Environment

Commonwealth Department of the Environment and Energy (2016a). *National Greenhouse Accounts Factors*. Accessed at https://www.environment.gov.au/system/files/resources/e30b1895-4870-4a1f-9b32-3a590de3dddf/files/national-greenhouse-accounts-factors-august-2016.pdf

Commonwealth Department of the Environment and Energy (2016b). *National Inventory Report 2014 (revised)*. Accessed at https://www.environment.gov.au/climate-change/greenhouse-gas-measurement/publications/national-inventory-report-2014-revised

Commonwealth Department of Finance (2006). *Handbook of Cost-Benefit Analysis*. Accessed at http://catalogue.nla.gov.au/Record/3642615

Commonwealth Department of Industry (2014). Eastern Australian domestic gas market study. Canberra

Commonwealth Department of Industry and Science (2015). Energy White Paper. Canberra. 84 pp

Commonwealth Department of Resources, Energy and Tourism (2010). Australian Energy Resource Assessment. Canberra

Commonwealth Government (2013). Significant Impact Guidelines 1.1 – Matters of National Environmental Significance. Accessed at http://www.environment.gov.au/system/files/resources/42f84df4-720b-4dcf-b262-48679a3aba58/files/nes-guidelines_1.pdf

Commonwealth Government (2013a). Significant impact guidelines 1.2 - Actions on, or impacting upon, Commonwealth land and Actions by Commonwealth Agencies. Accessed at http://www.environment.gov.au/system/files/resources/a0af2153-29dc-453c-8f04-3de35bca5264/files/commonwealth-guidelines 1.pdf

Commonwealth Government (2013b). Significant Impact Guidelines 1.3: Coal seam gas and large coal mining developments - impacts on water resources. Accessed at http://www.environment.gov.au/system/files/resources/d078caf3-3923-4416-a743-0988ac3f1ee1/files/sigwater-resources.pdf

Commonwealth of Australia (2014). Australian National Greenhouse Accounts: Quarterly Update of Australia's National Greenhouse Gas Inventory September Quarter 2014. Canberra

Commonwealth of Australia (2015). *Examining Barriers to More Efficient Gas Markets Productivity Commission Research Paper*. Canberra. Accessed at: http://www.pc.gov.au/research/completed/gas-markets/gas-markets.pdf. 169 pp.

CSIRO (2007). *Water availability in the Namoi*. A report to the Australian Government from the CSIRO Murray-Darling basin sustainable yields project. CSIRO, Australia

Commonwealth Scientific and Industrial Research Organisation (CSIRO) (2015). What is unconventional gas? Accessed at http://www.csiro.au/en/Research/Energy/Hydraulic-fracturing/What-is-unconventional-gas

Coote G. (2013). Researcher soon to release findings on CSG mental health impacts. Available at http://thesourcenews.com/2013/08/29/researcher-soon-to-release-findings-on-csg-mental-health-impacts/

Core Energy (2013). Gas, Power and LNG Outlook to 2033 Eastern Australia. Adelaide

Council of Australian Governments (COAG) Energy Council (2016). *Gas Supply Strategy*. Accessed at: https://scer.govspace.gov.au/files/2015/12/Gas-Supply-Strategy.pdf

Council of Social Service NSW (2014). Submission to IPART's Review of Changes in regulated retail gas prices from 1 July 2014. Accessed at http://www.ncoss.org.au/resources/140520-NCOSS-IPART-RegulatedGasPrices.pdf

DC Traffic Engineering (2013). *Traffic and Transport Impact Assessment*. Accessed at https://majorprojects.affinitylive.com/public/531c103dbce0c740ea635212b90703c1/31.%20Watermark%20Coal%20Project%20EIS%20-%20Appendix%20AB%20-%20Traffic%20and%20Transport%20Impact%20Assessment.pdf

Department of Employment (2013). *Small Area Labour Markets reports for December Quarter 2013*. Accessed at http://employment.gov.au/small-area-labour-markets-publication

Department of Environment and Climate Change (DECC) (2008b). *Biobanking assessment methodology*. NSW Department of Environment and Climate Change, Sydney

Department of Environment and Climate Change (DECC) (2008c). Recovery plan for the koala (Phascolarctos cinereus). NSW Department of Environment and Climate Change, Sydney

Department of Environment and Climate Change (DECC) (2009). Interim Construction Noise Guideline

Department of Environment, Climate Change and Water (DECCW) (2010). Aboriginal Cultural Heritage Consultation Requirements for Proponents

Department of Environment Climate Change and Water (DECCW) (2010a). *Cultural landscapes: a practical guide for park management*. Department of Environment Climate Change and Water, Sydney

Department of Environment Climate Change and Water (DECCW) (2010b), Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW. Sydney

Department of Environment Climate Change and Water (DECCW) (2010c). State of the Catchments 2010 Namoi Region Groundwater. Sydney

Department of Environment, Climate Change and Water (DECCW) (2011). Road Noise Policy

Department of Environment and Climate Change (DECC) (2008). *Managing Urban Stormwater: Soils and Construction Vol 2A Installation of Services*

Department of Environment and Climate Change (DECC) (2008a). *Managing Urban Stormwater: Soils and Construction Vol 2C Unsealed Roads*

Department of Environment and Conservation (DEC) (2004). *Environmental Guidelines - Use of Effluent by Irrigation*. Department of Environment and Conservation NSW. Accessed at http://www.environment.nsw.gov.au/resources/water/effguide.pdf

Department of Environment and Conservation (DEC) (2004a). Threatened biodiversity survey and assessment: guidelines for developments and activities (working draft)

Department of Environment and Conservation (DEC) (2005), *Approved methods for the modelling and assessment of air pollutants in NSW*. Sydney, Australia. Accessed at http://www.environment.nsw.gov.au/resources/air/ammodelling05361.pdf

Department of Environment and Conservation (DEC) (2006). Assessing vibration: A technical guideline

Department of Land and Water Conservation (DLWC) (2000). NSW Salinity Strategy – Salinity Targets Supplementary Paper

Department of Planning and Infrastructure (DPI) (2012). Strategic regional land use plan New England North West

Department of Planning and Infrastructure (DPI) (2014a). What is currently listed: key threatening processes. Accessed at http://www.dpi.nsw.gov.au/fisheries/species-protection/conservation/what-current#Key-threatening-processes

Department of Primary Industries (DPI) (2012a). Guidelines for Riparian Corridors on Waterfront Land

Department of Trade and Investment (2015). Kylie Hargreaves, Deputy Secretary, NSW Department of Trade and Investment, 24 April 2015. Committee for Economic Development of Australia (CEDA) luncheon. http://www.ceda.com.au/events/eventdetails?EventCode=N150424

Department of Trade and Investment, Regional and Infrastructure Services (DTIRIS) (2012). *Code of Practice for Coal Seam Gas – Well Integrity*. Accessed at https://www.nsw.gov.au/sites/default/files/csg-wellintegrity_sd_v01.pdf

Eamus, D. and Froend, R. H. (2006). Groundwater dependent ecosystems: the where, what and why of GDEs. *Australian Journal of Botany*, Vol. 54, pp. 91-96

EcoLogical Australia (ELA) (2009). *A Vegetation Map for the Namoi Catchment Management Authority*. Report prepared by Eco Logical Australia for the Namoi Catchment Management Authority

Edge Land Planning (2009). *Narrabri Shire Growth Management Strategy*. Site accessed September 2013 at http://www.narrabri.nsw.gov.au/files/uploaded/file/Planning%20and%20Development/Growth% 20Management%20Strategy/Growth%20Management%20Strategy%20Final%201_3.pdf

EHS Support (2014). Rehabilitation Plan for Pond 3 Groundwater – Bibblewindi NSW

EnergyQuest (2015). East coast faces potential 133 petajoule gas shortage by 2019. Accessed at http://www.energyquest.com.au/insightsandanalysis.php?id=233

enHealth (2001). *Health Impact Assessment Guidelines*. Commonwealth Department of Health and Aged Care

Freeze R.A. and Cherry J.A. (1979). *Groundwater*. Prentice-Hall, New Jersey.

Garnaut R. (2008), *The Garnaut Climate Change Review*. Accessed at http://www.garnautreview.org.au/index.htm#pdf

German Standard (1999). DIN 4150-3:1999: Structural vibration – Part 3: Effects of vibration on structures

GHD (2015). BSAL Santos Narrabri gas project - site verification of biophysical strategic agricultural land report. Accessed at: http://majorprojects.planning.nsw.gov.au/index.pl?action=view_job&job_id=6881

GHD (2016). Inland Rail – Narrabri to North Star State Significant Infrastructure Application Supporting Document. January 2016. 78 pp. Accessed at

https://majorprojects.affinitylive.com/public/528b62dee0e1911278901432fcdc8643/ARTC_%20Inland%20Rail_%20Narrabri%20to%20North%20Star_%20Rev%201-

State%20Signficant%20Infrastructure%20Application_reduced.pdf

Green, D., Petrovic, J., Moss, P. and Burrell, M. (2011). *Water resources and management overview: Namoi catchment*. NSW Office of Water, Sydney

Green, D. Petrovic, J. Moss, P. and Burrell, M. (2011a). *Water resources and management overview: Macquarie Bogan catchment*. NSW Office of Water, Sydney

GTA Consultants (2012). *Road Transport Assessment*. Accessed at https://majorprojects.affinitylive.com/public/a83e22fc8048d81e564f69ec61525667/23.%20Vickery%20Coal%20Project%20EIS%20-%20Appendix%20F%20-%20Road%20Transport%20Assessment.pdf

GTA Consultants (2013). Dewhurst gas exploration traffic and transport assessment report

Hansen Bailey (2011). Maules Creek coal project - environmental impact statement

Hansen Bailey (2013). *Watermark coal project - environmental impact statement*. Accessed at http://majorprojects.planning.nsw.gov.au/index.pl?action=view_job&job_id=4975

Harris, P., Harris-Roax, B., Harris, E. and Kemp, L. (2007). *Health Impact Assessment: A Practical Guide*. Centre for Health Equity Training, Research and Evaluation (CHETRE), University of New South Wales

High Ground Consulting (2006). *Community Based Heritage Study of the former Coonabarabran Shire*. Lithgow, New South Wales: Prepared for the Warrumbungle Shire Council. Accessed at: http://www.warrumbungle.nsw.gov.au/ArticleDocuments/285/CoonabarabranShireHeritageStudyFinalReport.pdf.aspx

Hyder Consulting (2010). *Traffic and Transport Impact Assessment*. Accessed at https://majorprojects.affinitylive.com/public/3c98532c53c754d9fbbfd788036e4606/37.%20Maules%20Creek%20Coal%20Project%20EA%20-%20Appendix%20O.pdf

ICOMOS (Australia). (2013). *The Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance*. Burwood, Victoria: Australia ICOMOS. Retrieved from http://australia.icomos.org/wp-content/uploads/The-Burra-Charter-2013-Adopted-31.10.2013.pdf

Independent Expert Scientific Committee (IESC) (2015). *Information Guidelines for Independent Expert Scientific Committee advice on coal seam gas and large coal mining development proposals*. Accessed at http://www.iesc.environment.gov.au/publications/information-guidelines-independent-expert-scientific-committee-advice-coal-seam-gas

Independent Pricing and Regulatory Tribunal (IPART) (2014). *Regulated gas prices will increase from 1 July 2014*. Media release. Sydney

International Association for Public Participation (IAP2) (2006). *Planning for Effective Public Participation – Student Manual*

International Energy Agency (IEA) (2014). *World Energy Outlook*. Accessed 26 February 2015 at http://www.iea.org/publications/freepublications/publication/WEO_2014_ES_English_WEB.pdf

International Energy Agency (IEA) (2014a). U.S. Energy-Related Carbon Dioxide Emissions, 2013

International Panel on Climate Change (IPCC) (2014). Fifth Assessment: Synthesis Report

Ivikovic K. M-J. (2006). *Modelling groundwater-river interactions for assessing water allocation options*. PhD Thesis, Australian National University

Jacobs (2015). NGDP Hydrogeochemical Assessment of PEL238. *Groundwater geochemistry of the Narrabri Gas Project Area. Consultants' report prepared for Santos*. 104 pp.

KPMG Econtech (2010) CGE analysis of the current Australian tax system

Landcom (2004). Managing Urban Stormwater: Soils and Construction. Vol 1. Fourth Edition

Landscape Institute and Institute for Environmental Management and Assessment (LIIEMA) (2013). Guidelines for Landscape and Visual Impact Assessment. 3rd Edition. Routledge

Manufacturing Australia (2013). Impact of gas shortage on Australian manufacturing. Sydney

Manufacturing Australia (2015). Reforming the east coast gas market. Solutions to keep gas intensive manufacturing in Australia. Accessed at http://www.manufacturingaustralia.com.au/news/news-releases/manufacturing-australia-releases-action-plan-for-gas-market-reform/

McGarry, D., Gunawardena, T., Gardner, E. and Millar, G. (2006). *Deep Drainage under irrigated cotton – surface and groundwater*, Brisbane: Qld government

McNeilage C. (2006). *Upper Namoi groundwater flow model: groundwater management area 004; zones 2, 3, 4, 5 11 and 12 (Draft)*. NSW Department of Natural Resources

Merrick N.P. (2001). Lower Namoi groundwater flow model: calibration 1980-1998. Prepared for Department of Land and Water Conservation by Insearch Limited, University of Technology, Sydney

Murray Darling Basin Authority (2012). *The proposed Groundwater Baseline and Sustainable Diversion Limits: methods report.* MDBA publication no: 16/12, Murray-Darling Basin Authority, Canberra

Murray Darling Basin Authority (2014). Annual Report 2013-2014. Canberra

Murray Darling Basin Ministerial Council (2015). Basin Salinity Management Strategy 2030

Namoi Catchment Management Authority (2010). Namoi Catchment Action Plan 2010–2020

Namoi Catchment Management Authority (2013) *Namoi Groundwater Resources*. Site accessed September 2013 at http://www.namoi.cma.nsw.gov.au/65.html?4

Narrabri Shire Council (2007). Assessment of opportunities for Narrabri Shire from coal mining & gas extraction in the Gunnedah Basin. Accessed at

http://www.narrabri.nsw.gov.au/files/uploaded/file/Our%20Community/Economic%20Development/Mining%20and%20Gas%20Position%20Paper.pdf

Narrabri Shire Council (2011). *Narrabri shire accommodation guide*. Accessed at http://www.narrabri.nsw.gov.au/index.cfm?page_id=1083. Accessed on 24 February 2014

Narrabri Shire Council (2013). Extractive industries policy. Accessed at http://narrabri.com.au/files/uploaded/file/Your%20Council/Policy%20Register/Planning%20and%20Devel opment/5_2%20Extractive%20Industries%20Policy.pdf.

Narrabri Shire Council (2016). *Narrabri Shire Economic Profile*. Accessed at http://www.narrabri.nsw.gov.au/files/uploaded/file/Economic%20Development/Narrabri_Shire_Economic_Profile.pdf

National Health and Medical Research Council (2011). *National Water Quality Management Strategy. Australian Drinking Water Guidelines* 6. Australian Government. Canberra, ACT

National Institute of Economic and Industry Research (2012). *Large scale export of East Coast Australia natural gas: Unintended consequences.* A report to The Australian Industry Group and the Plastics and Chemicals Industries Association. Melbourne

National Parks and Wildlife Service (NPWS) (2000). *Brigalow Belt South: regional assessment (Stage 1) report on preliminary fauna survey of Pilliga and Goonoo Forests*. November 1999 to January 2000

National Parks and Wildlife Service (NPWS) (2000a). *Preliminary overview of the Brigalow Belt South Bioregion (Stage 1). NSW Western Regional Assessments*

NGH Environmental (2014). *Gilgandra Solar Farm Scoping Report*. 27pp. Accessed at https://majorprojects.affinitylive.com/public/03ae3622dfd0145c19013408e114244d/Scoping%20study_Gilgandra_Solar_Farm.pdf

NSW Business Chamber (2015). *Coal Seam Gas moratorium will sap investor confidence*. Accessed at http://www.nswbusinesschamber.com.au/Media-Centre/Latest-News/Coal-Seam-Gas-moratorium-will-sap-investor-confide

NSW Business Chamber (2015a). *Decreased gas demand equals job losses*. Press release. Accessed at http://www.nswbusinesschamber.com.au/News-Media/Latest-News/Decreased-gas-demand-equals-job-losses

NSW Chief Scientist and Engineer (2013). *Initial report on the independent review of coal seam gas activities in NSW*. Sydney. Accessed at

http://www.chiefscientist.nsw.gov.au/__data/assets/pdf_file/0016/31246/130730_1046_CSE-CSG-July-report.pdf

NSW Chief Scientist and Engineer (2014). Final report of the independent review of coal seam gas activities in NSW. Sydney. Accessed at

http://www.chiefscientist.nsw.gov.au/__data/assets/pdf_file/0005/56912/140930-CSG-Final-Report.pdf

NSW Department of Industry (2016). Exploration code of practice: community consultation. 25 pp.

NSW Department of Industry (2017). *NSW Titles Viewer*. Accessed at http://nswtitles.minerals.nsw.gov.au/nswtitles/

NSW Department of Industry, Skills and Regional Development (2015). *Exploration Code of Practice: Environmental Management*. Accessed at

 $http://www.resources and energy.nsw.gov.au/__data/assets/pdf_file/0007/565954/Exploration-Code-of-Practice-Environmental-Management.pdf$

NSW Department of Industry, Skills and Regional Development (2015a). *Exploration and Production Guideline: Petroleum Drilling and Well Servicing - Competencies*. Accessed at http://www.resourcesandenergy.nsw.gov.au/__data/assets/pdf_file/0007/565963/Exploration-and-Production-Petroleum-Drilling-and-Well-Servicing-Competencies.pdf

NSW Department of Industry, Skills and Regional Development (2015b). *Exploration Code of Practice:* Rehabilitation. Accessed at

http://www.resourcesandenergy.nsw.gov.au/__data/assets/pdf_file/0008/565955/Exploration-Code-of-Practice-Rehabilitation.pdf

NSW Department of Industry, Skills and Regional Development (2015c). *Exploration Code of Practice: Produced Water Management, Storage and Transfer.* Accessed at

 $http://www.resources and energy.nsw.gov.au/__data/assets/pdf_file/0005/565952/Exploration-Code-of-Practice-Produced-Water-Management-Storage-and-Transfer.pdf$

NSW Department of Industry, Skills and Regional Development (2016). *Quick guide for petroleum site holders and petroleum site operators* (WHS (Mines and Petroleum) Legislation). V1.0.

NSW Department of Planning (2008). *Major Project Assessment, Narrabri Gas Utilisation Project (Wilga Park Power Station)*. Accessed at

https://majorprojects.affinitylive.com/public/4acb2d203cfcad18b071d48a955382/Director-General's %20 Assessment %20 Report.pdf

NSW Department of Planning (2011a). Hazardous Industry Planning Advisory Paper No. 4 Risk Criteria for Land Use Safety Planning

NSW Department of Planning (2011b). *Hazardous Industry Planning Advisory Paper No.6 Hazard Analysis*

NSW Department of Planning and Environment (2015). *Guidelines for the Economic Assessment of Mining and Coal Seam Gas Proposals*. Accessed at

http://planspolicies.planning.nsw.gov.au/index.pl?action=view_job&job_id=7312

NSW Department of Planning and Environment (2016). *Dark Sky Planning Guideline: Protecting the observing conditions at Siding Spring*. 27pp. Accessed at http://www.planning.nsw.gov.au/~/media/Files/DPE/Guidelines/dark-sky-planning-guideline-2016-06.ashx

NSW Department of Planning and Environment (2016a). *State Significant Development*. Accessed at http://www.planning.nsw.gov.au/Assess-and-Regulate/Development-Assessment/Systems/State-Significant-Development

NSW Environment Protection Authority (NSW EPA) (2000). Industrial Noise Policy

NSW Environment Protection Authority (NSW EPA) (2003). *Licensing guidelines for sewage treatment systems*. accessed from http://www.environment.nsw.gov.au/water/sewagetreatment.htm

NSW Environment Protection Authority (NSW EPA) (2013). Licensing Fact Sheet: Using Environment Protection Licensing to Control Water Pollution

NSW Environment Protection Authority (NSW EPA) (2014). Tintsfield Ponds. Narrabri, June 2014

NSW Environment Protection Authority (NSW EPA) (2014a). *Questions and Answers on Pilliga Pond Incident*. 13 March 2014

NSW Environment Protection Authority (NSW EPA) (2014b). *Environment Protection Licence 200*0. Accessed at

http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33027&SYSUID=1&LICID=200

NSW Environment Protection Authority (NSW EPA) (2014c). Waste Classification Guidelines. Part 1-Classifying waste. Sydney. 27pp. Accessed at

http://www.epa.nsw.gov.au/publications/wasteregulation/140796-classify-waste.htm

NSW Government (2002). *Brigalow and Nandewar Bioregions Regional Assessment*. NSW EPA. http://www.epa.nsw.gov.au/forestagreements/brigalow.htm

NSW Government (2005). NSW Floodplain Development Manual - the management of flood liable land

NSW Government (2006). Namoi River Water Quality and River Flow Objectives

NSW Government (2009). *Brigalow and Nandewar Community Conservation Area Agreement*. Accessed at http://www.epa.nsw.gov.au/resources/forestagreements/ccaAgreement.pdf

NSW Government (2012a). *NSW Aquifer Interference Policy*. Accessed at http://www.resourcesandenergy.nsw.gov.au/__data/assets/pdf_file/0017/516113/nsw_aquifer_interference_policy.pdf

NSW Government (2013). NSW energy summit: communique. Sydney

NSW Government (2013a). *Interim Protocol for Site Verification and Mapping of Biophysical Strategic Agricultural Land*. Accessed at http://www.planning.nsw.gov.au/Portals/0/StrategicPlanning/interim_bsal_protocol.pdf

NSW Government (2014). *NSW Gas Plan. Protecting what's valuable, securing our future*. Sydney. Accessed at http://www.resourcesandenergy.nsw.gov.au/__data/assets/pdf_file/0005/534830/NSW-Gas-Plan.pdf

NSW Government (2014a). *Biophysical Strategic Agricultural Land Mapping*. Accessed at http://www.planning.nsw.gov.au/biophysical-strategic-agricultural-land-mapping

NSW Government (2014b). *Media release, NSW Government applauds agreed principles of land access.* accessed at http://www.resourcesandenergy.nsw.gov.au/__data/assets/pdf_file/0004/511834/Anthony-Roberts-med-rel-NSW-Government-Welcomes-Agreed-Principles-of-Land-Access.pdf?_sm_au_=iVVWsHSsDj00VjfT

NSW Heritage Office (2001). Assessing heritage significance. Heritage Office, Parramatta

NSW Heritage Office (2002). Statements of heritage impact. Heritage Office, Parramatta

NSW Heritage Office & NSW Department of Urban Affairs and Planning (DUAP) (1996). *NSW heritage manual*. Heritage Office & Department of Urban Affairs & Planning, Parramatta

NSW Legislative Council (2015). Select Committee on the supply and cost of gas and liquid fuels in New South Wales. Printed under Standing Order 231. 109 pp.

NSW Office of Water (NOW) (2012). Guidelines for riparian corridors on waterfront land

NSW Office of Water (NOW) (2012a). Risk Assessment Guidelines for Groundwater Dependent Ecosystems

NSW Planning (2010). *Major Project Assessment, Narrabri Coal Project – Stage 2*. Accessed at https://majorprojects.affinitylive.com/public/2e94f58dc6d42570b0a833a92a4f549a/Narrabri%20Stage%20 2%20-%20Assessment%20Report.pdf

NSW Planning & Environment (2014a). State Significant Development Assessment Report, Vickery Coal Project. Accessed at

https://majorprojects.affinitylive.com/public/bf386b71565d10ee45b71251b2d62963/Vickery%20Coal%20Project%20-%20Secretary's%20Report.pdf

NSW Planning & Environment (2014b). State Significant Development Assessment, Watermark Coal Project. Accessed at

https://majorprojects.affinitylive.com/public/5a2cf0939ad5112e7a3a99d4f4f0df82/Watermark%20Coal%20Project%20-%20Assessment%20Report.pdf

NSW Planning & Infrastructure (2011a). *Major Project Assessment, Rocglen Extension Project.* Accessed at

https://majorprojects.affinitylive.com/public/70f282e44e2db4dfacd4bde27cc89fc0/Rocglen%20Mine%20Extension%20Assessment%20Report%20V7%2026%20Sept.pdf

NSW Planning & Infrastructure (2011b). *Major Project Assessment, Werris Creek Mine Extension Project*. Accessed at https://majorprojects.affinitylive.com/public/d2e3503f1f0fe5f4a376c0241cba642b/Director-General's%20Assessment%20Report.pdf

NSW Planning & Infrastructure (2012a). *Major Project Assessment, Boggabri Coal Mine*. Accessed at https://majorprojects.affinitylive.com/public/f21c36b9e55786f829928a9a1b1cfb2a/Director%20General's %20Assessment%20Report%20Boggabri%20Coal.pdf

NSW Planning & Infrastructure (2012b). *Major Project Assessment, Maules Creek Coal Project.* Accessed at

https://majorprojects.affinitylive.com/public/21e1bf97b1aa26d7ad72294fbb66764d/Maules%20Creek%20Coal%20Project%20-%20Director-General's%20Report.pdf

NSW Planning & Infrastructure (2012c). *Major Project Assessment, Tarrawonga Extension Project*. Accessed

https://majorprojects.affinitylive.com/public/4664448ff590807601672fc0e15739d0/Tarrawonga%20Coal%20Project%20-%20Director-General's%20Report.pdf

NSW Trade & Investment (2012). Strategic Regional Land Use Policy Delivery Guideline – Guideline for community consultation requirements for exploration

NSW Treasury (2000). Guideline for the use of Cost Benefit Analysis in Mining and Coal Seam Gas Proposals. Accessed at

http://www.planning.nsw.gov.au/Portals/0/DevelopmentAssessments/OnExhibition/cba_guidline.pdf

National Uniform Drillers Licensing Committee (NUDLC) (2012). *Minimum construction requirements for water bores in Australia (third edition)*. National Uniform Drillers Licensing Committee 2011, February 2012

Oakley Greenwood (2016). *Gas Price Trends Review*. Report commissioned by the Commonwealth Department of Industry, Innovation and Science. Canberra, ACT. 202 pp.

Office of Environment and Heritage (OEH) (2009). NSW Cropping Practices Database (cropping history and intensity). NSW Government

Office of Environment and Heritage (OEH) (2011). Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW

Office of Environment and Heritage (OEH) (2012). Land and Soil Capability Mapping: Upper Hunter and New England – North West Strategic Regional Land Use Areas. Version 2.4, April 2012

Office of Environment and Heritage (OEH) (2012a). Australian Soil Classification Map of NSW: 1:250,000 Scale

Office of Environment and Heritage (OEH) (2013). Key threatening processes. Accessed at http://www.environment.nsw.gov.au/threatenedspecies/keythreateningprocesses.html

Office of Environment and Heritage (OEH) (2013a). *Critical habitat register*. Accessed at http://www.environment.nsw.gov.au/criticalhabitat/CriticalhabitatProtectionByDoctype.htm

Office of Environment and Heritage (OEH) (2013b). *Key threatening processes*. Accessed at http://www.environment.nsw.gov.au/threatenedspecies/keythreateningprocesses.htm

Office of Environment and Heritage (OEH) (2013c). Guidelines for developments adjoining land managed by the Office of Environment and Heritage. Accessed at

http://www.environment.nsw.gov.au/resources/protectedareas/development-land-adjoining-130122.pdf

Office of Environment and Heritage (OEH) (2014). Land use mapping data, New South Wales

Office of Environment and Heritage (OEH) (2014a). NSW BioNet (Atlas of NSW Wildlife). NSW Office of Environment and Heritage. Accessed at

http://wildlifeatlas.nationalparks.nsw.gov.au/wildlifeatlas.watlas.jsp

Office of Environment and Heritage (OEH) (2014b). *OEH principles for the use of biodiversity offsets in NSW*. Accessed at http://www.environment.nsw.gov.au/biodivoffsets/oehoffsetprincip.htmoffset

Office of Environment and Heritage (OEH) (2014c). *NSW Biodiversity Offsets Policy for Major Projects*. Accessed at http://www.environment.nsw.gov.au/biodivoffsets/bioffsetspol.htm

Office of Environment and Heritage (OEH) (2014d). *Framework for Biodiversity Assessment*. Accessed at http://www.environment.nsw.gov.au/resources/biodiversity/140675fba.pdf

Office of Environment and Heritage (OEH) (2014e). *BioBanking Assessment Methodology*. Accessed at http://www.environment.nsw.gov.au/resources/biobanking/140661BBAM.pdf

Office of Environment and Heritage (OEH) (2014f). NSW Offsetting Principles

Panday, S. and Huyakorn, P.S. 2008. MODFLOW SURFACT: A State-of-the-Art Use of Vadose Zone Flow and Transport Equations and Numerical Techniques for Environmental Evaluations. *Vadose Zone Journal* 7:610–631

Parsons Brinckerhoff (2010). *Continuation of Boggabri Coal Mine Traffic Impact Assessment*. Accessed at https://majorprojects.affinitylive.com/public/813196664d3e4dff15a60a60dfcfb343/Appendix%20T%20-%20Traffic%20Impact%20Assessment sfs.pdf

Parsons Brinckerhoff (2011). Characterisation of hydrochemistry and risks to groundwater quality. Impact of groundwater pumping on groundwater quality: National Water Commission – Raising National Water Standards Programme

Peterson R. C. (1992). The RCE: a riparian, channel, and environmental inventory for small streams in the agricultural landscape. *Freshwater Biology*. No. 21, pp. 295 – 306

Plastics and Chemicals Industries Association (PACIA) (2015). *PACIA welcomes the Energy White Paper and ACCC reviews into gas markets*. Accessed at http://www.pacia.org.au/mediacentre/PACIA-welcomes-the-Energy-White-Paper-and-ACCC-review-into-gas-markets_-_8-4-15

Plastics and Chemicals Industries Association (PACIA) (2016). *PACIA welcomes ACCC findings from the East Coast Gas Market Inquiry* – 22 April 2016. Accessed at http://www.pacia.org.au/mediacentre/PACIA-welcomes-ACCC-findings-from-the-East-Coast-Gas-Market-Inquiry_22-4-2016

Plastics and Chemicals Industries Association (PACIA) in Australian Manufacturing (2016a). *PACIA: Victorian onshore gas bans terrible for manufacturing and investment*. Accessed at http://www.australianmanufacturing.com.au/40021/pacia-victorian-onshore-gas-bans-terrible-formanufacturing-and-investment

Power Partners Generation (2012). *Proposed Biogas Harvesting*. Accessed at https://majorprojects.affinitylive.com/public/4447f8d9ad5f0b1bfb987751d5b3972c/West%20Narrabri%20Power%20Generation%20Project%20DA%20Final%205%20April%202012.pdf

Pricefinder (2014). *Narrabri suburb flyover*. Accessed at http://www.pricefinder.com.au/flyover/? locality=narrabri&propertyType=House. Accessed on 24 January 2014

Queensland Health (2013). Coal seam gas in the Tara region: Summary risk assessment of health complaints and environmental monitoring data. Accessed at https://www.health.qld.gov.au/publications/csg/documents/report.pdf

Radke, B.M., Ferguson, J., Cresswell, R.G., Ransley, T.R. and Habermehl, M.A. (2000). *Hydrochemistry and implied hydrodynamics of the Cadna-owie – Hooray aquifer, Great Artesian Basin*. Bureau of Rural Sciences, Canberra

Resource and Conservation Assessment Council (RACAC). (2000). Aboriginal cultural heritage assessment. Brigalow Belt South Biogregion. Stage 1. New South Wales Regional Assessments

Resource and Conservation Assessment Council (RACAC). (2002). Aboriginal cultural heritage assessment. Brigalow Belt South. Stage 2. New South Wales Regional Assessments

Realestate.com.au (2014). Accessed at http://www.realestate.com.au/buy. Accessed 24 January 2014

Realestate.com.au (2014a). Accessed at http://www.realestate.com.au/buy. Accessed 08 September 2014

Reserve Bank of Australia (RBA) (2010). Bulletin: September Quarter 2010. Sydney

Richardson S., Irvine E., Froend R., Boon P., Barber S., and Bonneville B. (2011). *Australian Groundwater Dependant Ecosystems Toolbox Part 1: Assessment Framework*. Waterlines Report, National Water Commission, Canberra.

Roads and Maritime (2002), *Guide to Traffic Generating Developments*. Accessed at http://www.rms.nsw.gov.au/documents/projects/guide-to-generating-traffic-developments.pdf

Roads and Maritime (2013). *Guidelines for landscape character and visual impact assessment*. Centre for Urban Design, Roads and Maritime Services, NSW Government

RPS (2012). Westport Campsite: Statement of Environmental Effects. Prepared for Santos, Sydney, Australia

RPS (2013). Bibblewindi Gas Exploration Pilot Expansion PAL 2, Gunnedah Basin, NSW – BSAL Site Verification Report. Prepared for Santos NSW (Eastern) Pty Ltd

RPS (2013a). Dewhurst *Gas Exploration Pilot Expansion PAL 2, Gunnedah Basin, NSW – BSAL Site Verification Report.* Prepared for Santos NSW (Eastern) Pty Ltd

RPS (2013b). Agricultural Resource (Soil) Risk Assessment - Narrabri Gas Development Project. Prepared for Santos NSW (Eastern) Pty Ltd

RPS (2014). BSAL Verification Report for the Forested Southern Portion of the NGD Project Footprint. Prepared for Santos NSW (Eastern) Pty Ltd

Russell, T.G. and Middleton, M.F. (1981). *Coal rank and organic diagenesis Studies in the Gunnedah Basin: preliminary results.* Geological Survey of New South Wales, Quarterly Notes 45, 1–11

Santos (2012). NSW landholders and communities to benefit from new approach to CSG compensation. Accessed at

http://www.santos.com/library/250612_NSW_landholders_and_communities_to_benefit_from_new_approach_to_CSG_compensation.pdf

Schlumberger (2012), Namoi catchment water study independent expert phase 3 reference manual. Prepared by Schlumberger Water Services (Australia) Pty Ltd for the Department of Trade and Investment, regional Infrastructure and Services, NSW

Serov P., Kuginis L. and Williams J. P. (2012). *Risk assessment guidelines for groundwater dependent ecosystems, Volume 1 – The conceptual framework.* NSW Department of Primary Industries, Office of Water, Sydney.

Simms, R. (2016). *Keynote Address: South East Asia Australia Offshore & Onshore Conference*. Accessed at https://www.accc.gov.au/speech/keynote-address-south-east-asia-australia-offshore-onshore-conference

SKM (2013). *Gas market modelling*. Consultant's report prepared for the gas market study task force, Melbourne

Strahler, A.N. (1952). *Hypsometric (area-altitude) analysis of erosional topology*. Geological Society of America Bulletin, 63 (11): 1117–1142

TNO (1999). Purple Book – guidelines for quantitative risk assessment

Transportation Research Board (TRB) (2000). Highway Capacity Manual

Turak, E. and Waddell, N. (2002). *Australia-Wide Assessment of River Health: New South Wales AusRivAS Sampling and Processing Manual, Monitoring River Heath Initiative*. Technical Report no 13, Commonwealth of Australia and NSW Environment Protection Authority, Canberra and Sydney

United Kingdom Health and Safety Executive (2011). *Hydrocarbon Releases Database*, Version 1.1.3, Updated 2011. (https://www.hse.gov.uk/hcr3/)

United Kingdom Health and Safety Executive (2012). Failure Rate and Event Data for use within Risk Assessments

Welsh W., Hodgkinson J., Strand J., Northey J., Aryal S., O'Grady A., Slatter E., Herron N., Pinetown K., Carey H., Yates G., Raisbeck-Brown N. and Lewis S. (2014). *Context statement for the Namoi subregion*. Product 1.1 from the Northern Inland Catchments Bioregional Assessment. Department of the Environment, Bureau of Meteorology, CSIRO and Geoscience Australia, Australia

Western Australian Planning Commission (2007). Visual Landscape Planning in Western Australia.

Whitehaven Coal (2015). *Narrabri Mine Modification 5*. Accessed at http://majorprojects.planning.nsw.gov.au/index.pl?action=view_job&job_id=7294