

BUILDING OUR FUTURE



M1 Pacific Motorway extension to Raymond Terrace

Environmental impact statement – Chapter 28: References

Transport for NSW | July 2021



BLANK PAGE

Contents

28.	References	28	-1
-----	------------	----	----

28. References

Acid Sulfate Soil Management Advisory Committee (ASSMAC), 1998. Acid Sulfate Soil Manual.

AGL, 2019. Newcastle Power Station Project Environmental Impact Statement.

ANZECC, 1990. Technical Basis for Guidelines to Minimise Annoyance due to Blasting Overpressure and Ground Vibration.

ANZECC/ARMCANZ, 2000. *National Water Quality Management Strategy Australian and New Zealand Guidelines for Fresh and Marine Water Quality*. Australian and New Zealand Environment and Conservation Council, Agriculture and Resource Management Council of Australia and New Zealand.

ANZG, 2018. Australian and New Zealand Guidelines for Fresh and Marine Water Quality. Australian and New Zealand governments and Australian state and territory governments. Canberra ACT, Australia. Available at: www.waterquality.gov.au/anz-guidelines.

Atlas of Living Australia, 2020. Biodiversity database. Available at: https://www.ala.org.au/.

Australia ICOMOS, 2013. The Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance 2013. Burwood, Vic, Australia ICOMOS Incorporated.

Australian Bureau of Meteorology, 2020a. *Groundwater Dependent Ecosystems Atlas*, Available online at: http://www.bom.gov.au/water/groundwater/gde.

Australian Bureau of Meteorology, 2020b. *Climate Statistics – Newcastle University (#061390)*. Available online at: http://www.bom.gov.au/climate/averages/tables/cw_061390.shtml Accessed August 2020.

Australian Bureau of Meteorology, 2020c. *Australian Groundwater Explorer*. Bureau of Meteorology. Available at: http://www.bom.gov.au/water/groundwater/explorer/. Accessed August 2020.

Australian Bureau of Statistics (ABS), 2016a. 2016 Census of Population and Housing: Socio-economic Indexes for Areas. Available online at: **www.abs.gov.au**.

Australian Bureau of Statistics (ABS), 2016b. 2016 Census of Population and Housing: Worker Population Profile Available online at: **www.abs.gov.au**.

Australian Geomechanics Society, 2007. *Guideline for Landslide Susceptibility, Hazard and Risk Zoning for Land Use Planning*. Australian Geomechanics Vol 42 No 1 March 2007.

Australian Government, 2012. National Ports Strategy.

Australian Government, 2013. National Land Freight Strategy.

Australian Government, 2018a. *Charter: National Water Quality Management Strategy*, Department of Agriculture and Water Resources, Canberra.

Australian Government, 2018b. National Waste Policy 2018.

Australian Government, 2019. National Waste Policy Action Plan 2019.

Australian Institute for Disaster Resilience, 2017. Australian Disaster Resilience Handbook 7, Managing the Floodplain: A Guide to Best Practice in Flood Risk Management in Australia.

Australian Radiation Protection and Nuclear Safety Agency (ARPANSA), 2008. *Management of Naturally Occurring Radioactive Material (NORM) Radiation Protection Series Publication No. 15*, Australian Radiation Protection and Nuclear Safety Agency, Yallambie, VIC.

Australian Radiation Protection and Nuclear Safety Agency (ARPANSA), 2014. *Fundamentals for Protection Against Ionising Radiation, Radiation Protection Series F-1*, Australian Radiation Protection and Nuclear Safety Agency, Yallambie, VIC. Australian Radiation Protection and Nuclear Safety Agency (ARPANSA), 2015. *Radiation Protection of the Environment, Guide G-1*, Australian Radiation Protection and Nuclear Safety Agency, Yallambie, VIC.

Australian Radiation Protection and Nuclear Safety Agency (ARPANSA), 2017., *Guide for Radiation Protection in Existing Exposure Situations, Radiation Protection Series G-2*, Australian Radiation Protection and Nuclear Safety Agency, Yallambie, VIC.

Australian Standard, 1997. *AS4282-1997 Control of the obtrusive effects of outdoor lighting*, Standards Association of Australia, Homebush.

Australian Standard, 2001. AS 2601-2001 The demolition of structures.

Australian Standard, 2006. AS 2187.2:2006 Explosives - Storage and use - Part 2 Use of explosives.

Australian Standard, 2016. AS 2107:2016 Acoustics - Recommended design sound levels and reverberation times for building interiors.

Australian Standard/New Zealand Standard, 2005. AS/NZS 1158.1.1:2005 Lighting for roads and public spaces.

Australian Transport Council, 2011. National Road Safety Strategy 2011–2020.

Austroads, 2017a. Guide to Traffic Management Part 3: Traffic Studies and Analysis.

Austroads, 2017b. Cycling aspects of Austroads guides.

Ball J, Babister M, Nathan R, Weeks W, Weinmann E, Retallick M, Testoni I, (Editors), 2019. *Australian Rainfall and Runoff: A Guide to Flood Estimation, Commonwealth of Australia.*

Barnett, B., Townley, L.R., Post, V., Evans, R.E., Hunt, R.J., Peeters, L., Richardson, S., Werner, A.D., Knapton, A.. Boronkay, A., 2012. *Australian groundwater modelling guidelines*, National Water Commission, Canberra.

Bell, S.A.J. & Driscoll, C., 2006. Vegetation of the Tomago and Tomaree Sandbeds, Port Stephens, New South Wales: Management of Groundwater Dependent Ecosystems. Part 1 – Vegetation Classification. Unpublished Report to Hunter Water, Eastcoast Flora Survey, September 2006.

Birdlife Australia, 2013. Swift Parrots and Regent Honeyeaters in the Lower Hunter Region of New South Wales: An Assessment of status, Identification of High Priority Habitats and Recommendations for Conservation, Victoria.

BMT WBM, 2012a. *Newcastle City Wide Floodplain Risk Management Study* and *Plan*, Newcastle City Council.

BMT WBM, 2012b. *Hexham Train Support Facility Flood Impact Assessment, Appendix G of EIS,* QR National NSW Train Support Facility.

BMT WBM, 2017. *Williamtown Salt Ash Floodplain Risk Management Study* and *Plan*, Port Stephens Council.

British Standard (BSI), 1993. British Standard BS 7385: Part 2-1993 Evaluation and measurement for vibration in buildings Part 2: Guide to damage levels from groundborne vibration.

City of Newcastle, 2018a. Community Strategic Plan Newcastle 2030, City of Newcastle.

City of Newcastle, 2018b. City of Newcastle Bushfire Prone Land Map.

City of Newcastle, 2020. City of Newcastle Local Strategic Planning Statement.

Coffin, A., 2007. From roadkill to road ecology: A review of the ecological effects of roads. Journal of Transport Geography, 15(5), pp.396-406.

Commonwealth Scientific and Industrial Research Organisation (CSIRO), 2020. *Australian Soil Resource Information System (ASRIS) database.* Available from: https://www.asris.csiro.au/ (accessed June 2020).

Department of Agriculture, Water and the Environment (DAWE), 2020. *Protected Matters Search Tool*. Available online at: https://www.environment.gov.au/epbc/protected-matters-search-tool Accessed August 2020.

Department of Environment and Climate Change (DECC), 2006. Assessing Vibration: a technical guideline.

Department of Environment and Climate Change (DECC), 2007a. *Fauna Corridors for Climate Change. Landscape selection process: key altitudinal, latitudinal ad coastal corridors for response to climate change. Hunter Central River Catchment Management Authority*, Department of Environment and Climate Change, Sydney.

Department of Environment and Climate Change (DECC), 2007b. *Practical Consideration of Climate Change.*

Department of Environment and Climate Change (DECC), 2008. *Managing Urban Stormwater: Soils and Construction Volume 1* (Landcom, 2004) and Volume 2 (A. Installation of Services; B. Waste Landfills; C. Unsealed Roads; D. Main Roads; E. Mines and Quarries).

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

Department of Environment and Climate Change (DECC), 2009b. *Guidelines for the Implementing the Protection of the Environment Operations (Underground Petroleum Storage Systems) Regulation 2008.*

Department of Environment and Conservation (DEC), 2004. *Threatened Biodiversity Survey and Assessment: Guidelines for Developments and Activities* (Working Draft), Department of Environment and Conservation, Hurstville.

Department of Environment and Conservation (DEC), 2005. *Approved Methods for Sampling and Analysis of Air Pollutants in NSW*. Prepared by the NSW Department of Environment and Conservation, now EPA.

Department of Environment and Conservation (DEC), 2006. *Technical Framework - Assessment and Management of Odour from Stationary Sources in NSW*. Prepared by the Department of Environment and Conservation, now EPA.

Department of Environment and Conservation (DEC), 2008. *Approved Methods for the Sampling and Analysis of Water Pollutants in New South Wales*, NSW EPA, ISBN 1 74137 051 5, First published in March 2004.

Department of Environment, Climate Change and Water (DECCW), 2006. NSW Water Quality and River Flow Objectives – Hunter River.

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

Department of Environment, Climate Change and Water (DECCW), 2010b. *Guidelines for developments adjoining land and water managed by DECCW.*

Department of Environment, Climate Change and Water (DECCW), 2010c. NSW Wetlands Policy.

Department of Environment, Climate Change and Water (DECCW), 2010d. Floodplain Risk Management Guide: Incorporating sea level rise benchmarks in flood risk assessments.

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

Department of Environment, Climate Change and Water (DECCW), 2010f. *Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW*. Sydney, NSW Government.

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

Department of Infrastructure, Planning and Natural Resources (DIPNR), 2004. *Planning Guidelines for Walking and Cycling.*

Department of Land and Water Conservation, 2002. *Site investigations for urban salinity*. Department of Land and Water Conservation, Sydney, NSW.

Department of Planning, 2008. Acid Sulfate Soils Assessment Guidelines.

Department of Planning and Environment (DPE), 2011. *Applying State Environmental Planning Policy* 33 (SEPP 33): Hazardous and Offensive Development Application Guidelines.

Department of Planning and Environment (DPE), 2016. *Hunter Regional Plan 2036*. Available at: https://www.planning.nsw.gov.au/-/media/Files/DPE/Plans-and-policies/hunter-regional-plan-2036-2016-10-18.pdf.

Department of Planning and Environment (DPE), 2018. Greater Newcastle Metropolitan Plan 2036.

Department of Planning, Industry and Environment (DPIE), 2020a. Surveying threatened plants and their habitats – NSW survey guide for the Biodiversity Assessment Method.

Department of Planning, Industry and Environment (DPIE), 2020b. *BioNet Vegetation Classification*, NSW Government. Available online at:

https://www.environment.nsw.gov.au/NSWVCA20PRapp/default.aspx.

Department of Planning, Industry and Environment (DPIE), 2020c. State Environmental Planning Policy (Coastal Management) 2018 - spatial data set.

Department of Planning, Industry and Environment (DPIE), 2020d. *BioNet Atlas – the Atlas of NSW Wildlife Threatened Species Profile Database*. Available online at:

https://www.environment.nsw.gov.au/atlaspublicapp/UI_Modules/ATLAS_/AtlasSearch.aspx Accessed August 2020.

Department of Planning, Industry and Environment (DPIE), 2020e. NSW Landuse 2017 Dataset.

Department of Planning, Industry and Environment (DPIE), 2020f. NSW Net Zero Plan Stage 1: 2020 – 2030.

Department of Planning, Industry and Environment (DPIE), 2020g. *Environmental Management Plan Guideline for Infrastructure Projects.*

Department of Primary Industries (DPI), 2000. *Mapping the estuarine habitats of NSW – Hunter River (Map 1)*, NSW Government – Industry and Investment. Available at:

https://www.dpi.nsw.gov.au/content/research/areas/aquatic-ecosystems/estuarine-habitats-maps. Accessed July 2020.

Department of Primary Industries (DPI), 2007. *Key Fish Habitat Maps*. Available online at: https://www.dpi.nsw.gov.au/fishing/habitat/publications/pubs/key-fish-habitat-maps Accessed August 2020.

Department of Primary Industries (DPI), 2011. Land Use Conflict Risk Assessment Guide, Resource Planning and Development Unit.

Department of Primary Industries (DPI), 2012. NSW Aquifer Interference Policy: NSW Government policy for the licensing and assessment of aquifer interference activities, NSW DPI – Office of Water.

Department of Primary Industries (DPI), 2013a. *Fisheries NSW Policy and Guidelines for Fish Habitat Conservation and Management (2013 update)*, Department of Primary Industries.

Department of Primary Industries (DPI), 2013b. Infrastructure Proposals on Rural Land.

Department of Primary Industries (DPI), 2014. *Salinity Training Handbook*, Department of Primary Industries, 2014, Yanco, NSW.

Department of Primary Industries (DPI), 2015. Fisheries Final Report Series | No. 149, Survey of Recreational Fishing in New South Wales and the ACT, 2013/14.

Department of Primary Industries (DPI), 2016. *Freshwater threatened species distribution maps*. Available online at: https://www.dpi.nsw.gov.au/fishing/species-protection/threatened-species-distributions-in-nsw/freshwater-threatened-species-distribution-maps Accessed May 2020.

Department of Primary Industries (DPI), 2017. *NSW Estuary Prawn Trawl Fishery Assessment*. Prepared for the Department of the Environment and Energy for the purpose of assessment under Part 13 and 13(A) of the Environment Protection and Biodiversity Act 1999.

Department of Sustainability Environment Water Population and Communities, 2013. Significant Impact Guidelines 1.2 - Actions on, or impacting upon, Commonwealth land, and actions by Commonwealth agencies .

Department of the Environment (DoE), 2013a. Koala Habitat Assessment Tool.

Department of the Environment (DoE), 2013b. *Significant Impact Guidelines 1.1 – Matters of National Environmental Significance*, Australian Government, Canberra.

Department of the Environment (DoE), 2014. EPBC Act referral guidelines for the vulnerable koala (combined populations of Queensland, New South Wales and the Australian Capital Territory.

Department of the Environment (DoE), 2015. National Climate Resilience Adaption Strategy.

Department of the Environment and Heritage (DoEH), 2006. *Climate Change Impacts and Risk Management – A Guide for Business and Government.*

Department of Urban Affairs and Planning (DUAP), 2001. *Crime Prevention and the assessment of development applications: guidelines under section 79C of the Environmental Planning and Assessment Act 1979.*

Department of Urban Affairs and Planning & NSW Environment Protection Authority, 1998. *Managing Land Contamination: Planning Guidelines SEPP 55 – Remediation of Land.*

Deutsches Institut für Normung (DIN), 2016. German Standard DIN 4150-3 (2016) Vibration in buildings – Part 3: Effects on structures.

DISER, 2020. *State and Territory Greenhouse Gas Inventories 2018*. Australian Government Department of Industry, Science, Energy and Resource.

Douglas Partners, 2012. Preliminary Contamination Assessment, Proposed Train Support Facility, Woodlands Close, Hexham - Douglas Partners, 2012.

Douglas Partners, 2015. Preliminary Site Investigation – Contamination and Acid Sulfate Soil Assessment. Proposed M1 Extension to Raymond Terrace (M12RT) Black Hill to Raymond Terrace. May 2015.

Douglas Partners, 2017. Geotechnical Investigation Factual Report, M1 Pacific Motorway extension to Raymond Terrace, Black Hill to Raymond Terrace. October 2017.

Douglas Partners, 2020. Geotechnical Concept Design Report (not publicly available).

Eco Logical Australia, 2013. Lower Hunter Koala Study.

enHealth, 2012a. Environmental Health Risk Assessment, Guidelines for assessing human health risks from environmental hazards, Commonwealth of Australia, Canberra, ACT.

enHealth, 2012b. Australian Exposure Factors Guide, Commonwealth of Australia, Canberra, ACT.

enHealth, 2017. Health Impact Assessment Guidelines.

ERM, 2019. Newcastle Power Station: Aboriginal Cultural Heritage Assessment Report. Prepared for AGL.

ERM, 2020. Western Harbour Tunnel and Warringah Freeway Upgrade Technical working paper: Air quality. Prepared by ERM, January 2020.

Fairfull, S. & Witheridge, G., 2003. Why do fish need to cross the road? Fish passage requirements for waterway crossings, Department of Primary Industries, Cronulla.

GANSW, 2020. Designing with Country.

GeoLink, 2013. Grey-headed Flying-fox management strategy for the Lower Hunter.

Gray and Department of Land and Water Conservation, 2000. *Soil and Landscape Issues in Environmental Impact Assessment,* Department of Land and Water Conservation, Sydney, NSW.

HazMat Services, 2016. RMS Land Off Lenaghans Drive, Black Hill - Hazmat Services, 2016.

HEPA, 2020. *PFAS National Environmental Management Plan, Version 2.0*, Heads of EPA Australia and New Zealand 2020, February 2020.

Heritage Council of NSW, 2011. Criteria for the Assessment of Excavation Directors.

Hunter Water, 2019. Tomago Sandbeds Fact Sheet, Hunter Water, Newcastle NSW.

Hunter Water, 2020. *Dam and catchments – Tomago Sandbeds*, Hunter Water, Newcastle NSW. Available online at: https://www.hunterwater.com.au/our-water/water-supply/dams-and-catchments/tomago-sandbeds Accessed September 2020.

Infrastructure Australia, 2016. Australian Infrastructure Plan.

Infrastructure Australia, 2021. Infrastructure Priority List. Available online at: https://www.infrastructureaustralia.gov.au/publications/Infrastructure_Priority_List_2021.

Infrastructure NSW, 2018. NSW State Infrastructure Strategy 2018-2038.

International Atomic Energy Agency, 2007. Radiation Protection and NORM residue Management in the Zircon and Zirconia Industries, Safety Reports Series No. 51. IAEA, Vienna.

IPCC, 2014. Climate Change 2013: *The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Stocker, T.F., D. Qin, G.-K. Plattner, M. Tignor, S.K. Allen, J. Boschung, A. Nauels, Y. Xia, V. Bex and P.M. Midgley (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, 1535 pp.

Jacobs, 2016. Former RZM Site: Detailed Site Investigation, Jacobs, September 2016.

Jacobs, 2020. Former RZM Site - Consolidated Human Health and Ecological Risk Management Report.

Kennedy, S., E. Foley, F. Atkinson and N. Neuendorf, 2014. *Tarro to Beresfield Trunk Water Main Replacement: Aboriginal Cultural Heritage Assessment*, Report prepared for Hunter Water Australia.

Kuginis, L., Byrne, G., Serov, P., Williams, JP., 2012. *Risk assessment guidelines for groundwater dependent ecosystems.* Department of Primary Industries, Sydney.

Landcom, 2004. Managing Urban Stormwater: Soils and Construction Volume 1.

Lawson and Treloar, 1994. Tuggerah Lakes Flood Study.

Maitland City Council, 2018. Maitland City Council online mapping.

Marcus Lincoln Smith, 2003. Aquatic Ecology in Environmental Impact Assessment - EIA guideline, NSW Department of Planning.

Matthei, L.E., 1995. *Soil Landscapes of the Newcastle 1:100,000 Sheet Map,* Department of Land and Water Conservation, Sydney.

National Environment Protection Council (NEPC), 2011. *National Environment Protection (Air Toxics) Measure*, National Environment Protection Council.

National Environment Protection Council (NEPC), 2013. *National Environmental Protection Measure* (Assessment of Site Contamination) 1999 (as amended 2013).

National Environment Protection Council (NEPC), 2016. *National Environment Protection Measure for Ambient Air Quality*, National Environment Protection Council, as amended.

National Transport Commission, 2020. Australian Dangerous Goods Code.

Newcastle Bush Fire Management Committee, 2018. *Newcastle Bushfire Risk Management Plan 2018-2023*. Available online at: https://www.rfs.nsw.gov.au/__data/assets/pdf_file/0019/2395/Newcastle-BFRMP.pdf.

NHMRC, 2008. Guidelines for Managing Risks in Recreational Water, Australian Government, 2008.

NHMRC, 2011. *Australian Drinking Water Guidelines,* National Health and Medical Research Council and the Nature Resource Management Ministerial Council, Commonwealth Australia, Canberra.

NSW Department of Industry, 2018. *Guidelines for controlled activities on waterfront land – Riparian corridors*, Natural Resources Access Regulator.

NSW Department of Planning, 2006. Lower Hunter Regional Strategy.

NSW Environment Protection Authority, 1995. *Contaminated Sites: Sampling Design Guidelines,* NSW Environment Protection Authority, Sydney, NSW.

NSW Environment Protection Authority, 2014a. *Waste Classification Guidelines,* NSW Environment Protection Authority, Sydney, NSW.

NSW Environment Protection Authority, 2014b. NSW Acid Sulfate Soils Manual (the ASS Manual) .

NSW Environment Protection Authority, 2015. *Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act 1997,* NSW Environment Protection Authority, Sydney, NSW.

NSW Environment Protection Authority, 2016. Approved Methods for the Modelling and Assessment of Air Pollutants in NSW.

NSW Environment Protection Authority, 2017. Guidelines for the NSW Site Auditor Scheme, 3rd Edition.

NSW Environment Protection Authority, 2019a. Air Emissions Inventory for the Greater Metropolitan Region in New South Wales, 2013 Calendar Year, On-Road Mobile Emissions.

NSW Environment Protection Authority, 2019b. NSW Circular Economy Policy.

NSW Environment Protection Authority, 2020. *Guidelines for Consultants Reporting on Contaminated Land*, NSW Environment Protection Authority, Sydney, NSW.

NSW Government, 2005. Floodplain Development Manual: The management of flood liable land.

NSW Government, 2009. *Water Sharing Plan for the Hunter Unregulated and Alluvial Water Sources 2009*, Available online at: https://www.legislation.nsw.gov.au/view/whole/html/inforce/current/sl-2009-0347, accessed August 2020.

NSW Government, 2014a. Hunter Regional Transport Plan.

NSW Government, 2014b. *Land Acquisition Information Guide*. Available online at: https://arp.nsw.gov.au/sites/default/files/Land%20Acquisition%20Factsheet.pdf.

NSW Government, 2016a. Hunter Regional Transport Plan Annual Update 2014-15.

NSW Government, 2016b. *Water Sharing Plan for the North Coast Fractured and Porous Rock Groundwater Sources 2016*, Available online at:

https://www.legislation.nsw.gov.au/view/whole/html/inforce/current/sl-2016-0375, accessed August 2020.

NSW Government, 2016c. Water Sharing Plan for the North Coast Coastal Sands Groundwater Sources.

NSW Government, 2017. Noise Policy for Industry.

NSW Government, 2018. Regional NSW Services and Infrastructure Plan.

NSW Government, 2019 Property Acquisition. A Guide for Residential Owners.

NSW Health, 2007. Health Impact Assessment: A Practical Guide.

NSW Health, 2009. Healthy Urban Development Checklist, A guide for considering health in development policies, plans and proposals, prepared by the Centre for Population Health, NSW Department of Health.

NSW Heritage Branch, 2009. Assessing Significance for Historical Archaeological Sites and 'Relics'.

NSW Heritage Office, 1996. NSW Heritage Manual.

NSW Heritage Office, 1998. Skeletal remains: guidelines for the management of human skeletal remains.

NSW Heritage Office, 2001. Assessing Heritage Significance.

NSW Heritage Office, 2002. Statements of Heritage Impact guidelines.

NSW Heritage Office, 2004. Investigating Heritage Significance (draft guideline).

NSW National Parks and Wildlife Service (NPWS), 2020a. Developments adjacent to NPWS: Guidelines for consent and planning authorities.

NSW National Parks and Wildlife Service (NPWS), 2020b. *Hunter Wetlands National Park: Plan of Management.*

NSW Procurement, 2018. Aboriginal Participation in Construction (APIC) Policy, June 2018. Department of Finance, Services and Innovation.

NSW Rural Fire Service, 2006. Planning for Bush Fire Protection.

NSW Rural Fire Service, 2016. NSW Bushfire Prone Land Map Tool.

NSW Treasury, 2020. Draft Aboriginal Procurement Policy, October 2020.

Office of Environment and Heritage (OEH), 1996. Statements of Heritage Impact.

Office of Environment and Heritage (OEH), 2011. *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW*. Sydney, NSW Government.

Office of Environment and Heritage (OEH), 2014a. *Framework for Biodiversity Assessment: NSW Biodiversity Offsets Policy for Major Projects*. Office of Environment and Heritage, Sydney.

Office of Environment and Heritage (OEH), 2014b. *NSW Biodiversity Offsets Policy for Major Projects*. Office of Environment and Heritage, Sydney.

Office of Environment and Heritage (OEH), 2015. *Urban Green Cover in NSW, Technical Guidelines*. Prepared by the NSW Office of Environment and Heritage, State of NSW.

Office of Environment and Heritage (OEH), 2016a. *NSW Guide to Surveying Threatened Plants*. Office of Environment and Heritage, Sydney.

Office of Environment and Heritage (OEH), 2016b. NSW Climate Change Policy Framework .

Office of Environment and Heritage (OEH), 2019a. *Annual Air Quality Statement 2018*. Prepared by the Office of Environment and Heritage, now DPIE.

Office of Environment and Heritage (OEH), 2019b. NSW Government Resource Efficiency Policy.

Parsons Brinkerhoff, 2012, *Water Quality Assessment - Hexham Relief Roads,* Upper Hunter valley Alliance, April 2012.

Port Stephens Council, 2009. *Bush Fire Prone Land Map*. Available online at: https://www.portstephens.nsw.gov.au/grow/land-environment-and-heritage/bushfires.

Port Stephens Council, 2015. Raymond Terrace and Heatherbrae Strategy 2015-2031.

Port Stephens Council, 2018a. *Community Strategic Plan 2018-2028: Our place. Our plan.* Available online at: https://www.portstephens.nsw.gov.au/your-council/policies-forms-publications/integrated-plans.

Port Stephens Council, 2018b. Port Stephens Economic Development and Tourism Strategy 2018-2020.

Port Stephens Council, undated. Port Stephens Local Strategic Planning Statement.

Port Stephens Council and Australian Koala Foundation, 2002. Port Stephens Council Comprehensive Koala Plan of Management (CKPoM). Raymond Terrace.

Queensland Government, 2007. Crime Prevention through Environmental Design. Guidelines for Queensland.

Roads and Maritime Services, 2011a. Wildlife Connectivity Guidelines for Road Projects.

Roads and Maritime Services, 2011b. *Procedure for Aboriginal Cultural Heritage Consultation and Investigation* (PACHCI).

Roads and Maritime Services, 2012. Community Engagement and Communications Manual.

Roads and Maritime Services, 2013a. Traffic Modelling Guidelines.

Roads and Maritime Services, 2013b. Pacific Highway urban design framework 2013. Urban design vision, objectives and design principles for the upgrade of the Pacific Highway from Hexham to Tweed Heads.

Roads and Maritime Services, 2013c. Guideline for the Management of Contamination.

Roads and Maritime Services, 2015a. *M1 Pacific Motorway extension to Raymond Terrace Discussion Paper – Revised Concept Design.*

Roads and Maritime Services, 2015b. *M1 Pacific Motorway extension to Raymond Terrace State Significant Infrastructure Application Report.*

Roads and Maritime Services, 2015c. *Noise Criteria Guideline (NCG)*, Sydney. Available online at: https://www.rms.nsw.gov.au/documents/about/environment/noise-criteria-guideline-book.pdf.

Roads and Maritime Services, 2015d. *Noise Mitigation Guideline (NMG)*, Sydney. Available online at: https://www.rms.nsw.gov.au/documents/about/environment/noise-mitigation-guideline-book.pdf.

Roads and Maritime Services, 2015e. *Stockpile Site Management Guideline*, NSW Roads and Maritime Services.

Roads and Maritime Services, 2015f. Standard Management Procedure: Unexpected Heritage Items.

Roads and Maritime Services, 2015g. Roads and Maritime Services Cultural Heritage guidelines.

Roads and Maritime Services, 2016a. *M1 Pacific Motorway extension to Raymond Terrace Community Consultation Report.*

Roads and Maritime Services, 2016b. *Construction Noise and Vibration Guideline (CNVG)*, NSW Government, Sydney. Available online at: https://www.rms.nsw.gov.au/business-industry/partners-suppliers/documents/guides-manuals/construction-noise-and-vibration-guideline.pdf.

Roads and Maritime Services, 2016c. *Noise Criteria Guideline Application Notes*, NSW Government, Sydney. Available online at: https://www.rms.nsw.gov.au/documents/about/environment/application-notes-noise-criteria-guideline.pdf.

Roads and Maritime Services, 2016d. *Noise Wall Design Guideline*, NSW Government, Sydney. Available online at: https://www.rms.nsw.gov.au/business-industry/partners-suppliers/documents/centre-for-urban-design/noise-wall-design-guideline.pdf.

Roads and Maritime Services, 2016e. Guideline for Biodiversity Offsets.

Roads and Maritime Services, 2016f. *Technical Guide: Management of Road Construction and Maintenance Wastes*, NSW Government, Sydney. Available online at:

https://www.rms.nsw.gov.au/documents/about/environment/waste-management-guide.pdf.

Roads and Maritime Services, 2017a. *M1 Pacific Motorway extension to Raymond Terrace Community Consultation Report.*

Roads and Maritime Services, 2017b. Motorway design guide: Capacity and flow analysis.

Roads and Maritime Services, 2017c. At-Receiver Noise Treatment Guideline.

Roads and Maritime Services, 2017d. Acid Sulfate Rock Risk Map.

Roads and Maritime Services, 2018a. *Design guideline to improve the quality, safety and cost effectiveness of green infrastructure in road corridors*, NSW Government, Sydney. Available online at: https://www.rms.nsw.gov.au/business-industry/partners-suppliers/documents/centre-for-urban-design/landscape-guideline.pdf.

Roads and Maritime Services, 2018b. *Traffic control at work sites*, NSW Government, Sydney. Available online at: https://www.rms.nsw.gov.au/business-industry/partners-suppliers/documents/technical-manuals/traffic-control-at-worksites-manual.pdf.

Roads and Maritime Services, 2018c. Noise Model Validation Guideline.

Roads and Maritime Services, 2019. *Environmental Sustainability Strategy 2019–2023*, NSW Government, Sydney. Available online at:

https://www.rms.nsw.gov.au/documents/about/environment/environmental-sustainability-strategy.pdf.

Roads and Maritime Services, in draft. Technical Guide for Climate Change Adaptation for the State Road Network.

Transport for NSW, 2018a. Future Transport Strategy 2056, Transport for NSW, Chippendale.

Rowden, P., Steinhardt, D. and Sheehan, M., 2008. *Road crashes involving animals in Australia. Accident Analysis & Prevention*, 40(6), pp.1865-1871.

Roy, Hudson, and Boyd, 1995. *Quaternary geology of the Hunter delta – an estuarine valleyfill case study* in Sloan and Allman eds. *Engineering geology of the Newcastle-Gosford Region* pp64 – 84 Australian Geomechanics Society.

RTA, 2001. *Environmental Noise Management Manual (ENMM)*, Roads and Traffic Authority of New South Wales, Sydney. Available online at: https://www.rms.nsw.gov.au/business-industry/partners-suppliers/documents/guides-manuals/environmental-noise-management-manual.pdf.

RTA, 2002. Guide to Traffic Generating Developments version 2.2.

RTA, 2003. *Guideline for Construction Water Quality Monitoring.* Roads and Traffic Authority of NSW, Sydney.

RTA, 2005a. F3 Freeway to Raymond Terrace Route Options Development Report.

RTA, 2005b. NSW Bicycle Guidelines Version 1.2.

RTA, 2005c. Guidelines for the Management of Acid Sulfate Materials.

RTA, 2006. F3 Freeway to Raymond Terrace Preferred Route Report.

RTA, 2008. F3 Freeway to Raymond Terrace Concept Design Report.

RTA, 2010. F3 Freeway to Raymond Terrace Concept Design Submissions Report.

RTA, 2011. *Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects*, NSW Roads and Traffic Authority, Sydney.

Scotts, D., 2003. *Key habitats and corridors for forest fauna: a landscape framework for conservation in north-east New South Wales*, NSW National Parks and Wildlife Service, Hurstville.

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

Sinclair Knight Merz, 2013. Preliminary Site Investigation (PSI): Former RZM site, Tomago, NSW, July 2013.

State Emergency Service (SES), 2013a. City of Newcastle Flood Emergency Sub Plan.

State Emergency Service (SES), 2013b. Port Stephens Flood Emergency Sub Plan.

Thomas, M. 2008. Technical paper 9. Aboriginal Cultural Heritage. Report to Queensland Transport.

Tourism Research Australia, 2019. Local Government Area Profiles, Newcastle (C), New South Wales; Port Stephens (A), New South Wales; Maitland (C), New South Wales and Cessnock (C), New South Wales.

Transport and Infrastructure Council, 2019. *National Freight and Supply Chain Strategy*, Department of Infrastructure, Transport, Cities and Regional Development.

Transport for NSW, 2013. NSW Sustainable Design Guidelines Version 3.0.

Transport for NSW, 2016a. *Noise Wall Design Guideline*, NSW Government, Sydney. Available online at: https://www.rms.nsw.gov.au/business-industry/partners-suppliers/documents/centre-for-urban-design/noise-wall-design-guideline.pdf.

Transport for NSW, 2016b. Shotcrete design guideline. Design guideline to improve the appearance of shotcrete in NSW, Transport for NSW, Chippendale.

Transport for NSW, 2017a. NSW Sustainable Design Guidelines Version 4.0.

Transport for NSW, 2017b. *Water sensitive urban design guideline. Applying water sensitive urban design principals to NSW transport projects*, prepared by the Centre for Urban Design, Transport for NSW, Chippendale.

Transport for NSW, 2018a. Future Transport Strategy 2056, Transport for NSW, Chippendale.

Transport for NSW, 2018b. NSW Freight and Ports Plan 2018-2023, Transport for NSW Chippendale.

Transport for NSW, 2018c. *Moving More with Less,* Transport for NSW Chippendale.

Transport for NSW, 2018d. Road Safety Plan 2021, Transport for NSW, Chippendale.

Transport for NSW, 2018e. *Greater Newcastle Future Transport Plan 2056*, Transport for NSW, Chippendale.

Transport for NSW, 2019a. *Bridge Aesthetics. Design guideline to improve the appearance of bridges in NSW*, Transport for NSW, Chippendale.

Transport for NSW, 2019b. *Standard Management Procedure: Unexpected Heritage Items*. Sydney, NSW Government.

Transport for NSW, 2020a. Beyond the Pavement 2020 Urban design approach and procedures for road and maritime infrastructure planning, design and construction, Transport for NSW, Chippendale.

Transport for NSW, 2020b. *Cycleway Finder v3*. Available online at: https://www.rms.nsw.gov.au/roads/bicycles/cycleway-finder.html.

Transport for NSW, 2020c. Environmental Impact Assessment Practice Note – Socio economic Assessment.

Transport for NSW, 2020d. *Guideline for landscape character and visual impact assessment. Environmental impact assessment practice note EIA-N04, Version 2.2*, prepared by the Centre for Urban Design, Transport for NSW, Chippendale.

Transport for NSW, 2020e. Transport Environment and Sustainability Policy Framework and Statement.

Transport for NSW, 2020f. Social Procurement Workforce Development Resource Guide.

Transport for NSW, 2021. *M1 Pacific Motorway extension to Raymond Terrace Community and Stakeholder Engagement Plan.*

Transportation Research Board, 2016. Highway Capacity Manual 2016.

UK Department of Transport, 1988. Calculation of Road Traffic Noise (CORTN).

UK Institute of Air Quality Management (UK IAQM), 2014. *Guidance on the assessment of dust from demolition and construction Version 1.1.*

United Nations, 2015. United Nations Sustainable Development Goals .

Weston, J. 2013. *Hexham Relief Roads Project: Test Excavation Report*, Report prepared for KMH Environmental.

WMAwater, 2015. *Hunter River Floodplain Risk Management Study and Plan for Maitland City Council*, Maitland City Council, Sydney.

WorkCover NSW, 2014. Managing asbestos in or on soil. WorkCover NSW, Gosford, NSW, March 2014.

World Commission on Environment and Development, 1987. Our Common Future (the Brundtland Report).