



Artist's Impression

## Environmental Impact Statement – References

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### Warragamba Dam Raising

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Reference No. 30012078  
Prepared for WaterNSW  
10 September 2021

## References

### A

- ADE Consulting Group 2014, *Hazardous Materials Survey Report: Warragamba Dam, Warragamba, NSW*, prepared for Sydney Catchment Authority.
- AHMS 2005, *Warragamba STP Effluent Discharge Pipeline: Aboriginal Heritage Impact Assessment*.
- Alluvium Consulting Australia 2017, *2016 Audit of the Sydney Drinking Water Catchment*.
- Arcadis 2018, *Pitt Town Bypass – Traffic and Transport Assessment*, prepared for Roads and Maritime Services.
- Attenbrow, V.J. 2010, *Sydney's Aboriginal Past: Investigating the Archaeological and Historical Records*, 2nd ed, University of NSW Press, Sydney.
- Austin, P. 2018, 'How 'Jooriland' joined pastoral pyes' stable', *The Land*, 21 October, <<https://www.theland.com.au/story/5702106/how-jooriland-joined-pastoral-pyes-stable/>>.
- Australia International Council on Monuments and Sites 2013, *The Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance, 2013*, Australia ICOMOS, Burwood, Victoria.
- Australian Government & NSW Government 2017, *Western Sydney Infrastructure Plan, 1 July 2017 – 30 June 2018 – Report Card*.
- Australian Institute for Disaster Resilience 2017a, *Australian Disaster Resilience Guideline, 7-5 Flood Information to Support Land-use Planning*, AIDR.
- Australian Institute for Disaster Resilience 2017b, *Australian Disaster Resilience Handbook Collection, Flood Hazard, Guideline 7-3*, AIDR.
- Australian Institute for Disaster Resilience 2017c, *National Strategy for Disaster Resilience*, AIDR.
- Australian Museum Business Services 2000, *Hawkesbury-Nepean Experimental Environmental Flow Strategy*, prepared for Sydney Catchment Authority, Sydney.
- Australian and New Zealand Environment Conservation Council 1990, *Technical Basis for Guidelines to Minimise Annoyance Due to Blasting Overpressure and Ground Vibration*, ANZECC.
- Australian and New Zealand Environment and Conservation Council & Agricultural and Resource Management Council of Australia and New Zealand 2000, *Australian and New Zealand Guidelines for Fresh and Marine Water Quality*, National Water Quality Management Strategy Paper No. 4, ANZECC & ARMICANZ.
- Austroroads 2014, *Cycling Aspects of Austroroads Guides*, Austroroads, Sydney.
- Austroroads 2017, *Guide to Traffic Management, Part 3: Traffic Studies and Analysis*, Austroroads.

### B

- Ball, J., Babister, M., Nathan, R., Weeks, W., Weinmann, E., Retallick, M. & Testoni, I. (eds) 2019, *Australian Rainfall and Runoff: A Guide to Flood Estimation*, Commonwealth of Australia.
- Bannerman, S. & Hazelton, P. 1990, *Soil landscapes of the Penrith 1:100 000 sheet*, Soil Conservation Service of NSW, Sydney.
- Barton, H. & McDonald, J. 1995, *Archaeological Survey at Jerry's Creek Bridge, near Wallacia, Southern Cumberland Plain, NSW*, report for the Roads and Traffic Authority.
- Beasley, M. 1988, *The sweat of their brows: 100 years of the Sydney Water Board, 1888–1988*, The Board, Sydney.
- Bell, F. & Erskine, W. 1981, 'Effects of recent increases in rainfall on floods and runoff in the upper Hunter Valley', *Search*, vol. 12, pp. 82–83.
- Bellar, T.A., Lichtenberg, J.J. & Kroner, R.C. 1974, 'The occurrence of organohalides in chlorinated drinking waters', *Journal American Water Works Association*, vol. 66, no. 12, pp. 703–706.
- Bewsher Consulting 2012, *Hawkesbury Floodplain Risk Management Study & Plan*, prepared for Hawkesbury City Council Floodplain Risk Management Advisory Committee.



- Biosis Research 2007, *Dendrobium Area 3 Archaeological and Cultural Heritage Assessment*, unpublished report for BHP Billiton-Illawarra Coal.
- Bishop, K., Grouns, I., Church, T., Warner, R. & Taylor, E. 2002, *Status of the Health of the Hawkesbury-Nepean River*, Independent Expert Panel on Environmental Flows, report for the Hawkesbury-Nepean, Shoalhaven and Woronora Catchments.
- Blue Mountains City Council 2017, *Blue Mountains Community Strategic Plan 2035*.
- BMT WBM Pty Ltd 2008, *Lower Hawkesbury Estuary Management Plan*, prepared for Hornsby Shire Council, Broadmeadow, NSW.
- BMT WBM Pty Ltd 2014, *Upper Hawkesbury River Bank Erosion, Foreshore Structure and Weed Mapping*, report prepared for Hawkesbury City Council.
- Brayshaw, H. 1988, *PMF Inundation of Archaeological Resources Warragamba EIS*.
- Brayshaw, H. 1989, *Warragamba Dam - Archaeological Study, Sample Investigation of Areas Upstream to be Affected by Increased Water Retention*, report prepared for the Water Board through Mitchell McCotter & Associates Pty Ltd.
- Brayshaw, H. 1992, *Warragamba Dam EIS - Spillway: Archaeological Survey for Aboriginal Sites*, report prepared for the Water Board through Mitchell McCotter & Associates Pty Ltd.
- Brayshaw, H. 1999, *Warragamba Dam Spillway: Archaeological Survey for Aboriginal Sites*, report prepared for Abigroup Constructions Pty Ltd.
- Brizga, S. & Finlayson, B. (eds) 2000, *River Management: the Australasian Experience*, John Wiley & Sons, West Sussex, UK.
- Bureau of Meteorology n.d., *Sydney – Physical information*, Bureau of Meteorology, BoM, <<http://www.bom.gov.au/water/nwa/2014/sydney/contextual/physicalinformation.shtml>>.
- Bureau of Meteorology 2013, *Service Level Specification for Flood Forecasting and Warning Services for New South Wales*, BoM <[http://www.bom.gov.au/nsw/NSW\\_SLS\\_Current.pdf](http://www.bom.gov.au/nsw/NSW_SLS_Current.pdf)>.
- Bureau of Meteorology 2015, *Service Level Specification for Flood Forecasting and Warning Services for New South Wales*, BoM <[http://www.bom.gov.au/nsw/NSW\\_SLS\\_Current.pdf](http://www.bom.gov.au/nsw/NSW_SLS_Current.pdf)>.
- Bureau of Meteorology 2018, *Annual climate statement 2017*, BoM, <<http://www.bom.gov.au/climate/current/annual/aus/2017/>>.
- Bureau of Meteorology & Commonwealth Scientific and Industrial Research Organisation 2016, *State of the Climate 2016*, BoM & CSIRO.
- Bureau of Meteorology & Commonwealth Scientific and Industrial Research Organisation 2018, *State of the Climate 2018*, BoM and CSIRO.
- Bureau of Meteorology & Commonwealth Scientific and Industrial Research Organisation 2020, *State of the Climate 2020*, BoM and CSIRO.
- Bureau of Meteorology 2019. *Groundwater Dependent Ecosystems Atlas*. [Online] Available at: <http://www.bom.gov.au/water/groundwater/gde/map.shtml> [Accessed 6 May 2019].
- Bush, D., Cresswell, H., Macdonald, B., England, E., McLachlan, G., McKenzie, N., Thomas, M. & Tuomi, S. 2018, *Eucalyptus benthamii Inundation Experiment: Report on stand health and soil properties over a 12-month monitoring period*, Commonwealth Scientific and Industrial Research Organisation, Hobart.

## C

- Carey Constructions Ltd. 1998, *Warragamba Dam Auxiliary Spillway Environmental Management Plan: Remediation of Proposed Truck Maintenance and Explosive Storage Area*, prepared for Sydney Catchment Authority.
- Catford, J.A. & Jansson, R. 2014, 'Drowned, buried and carried away: effects of plant traits on the distribution of native and alien species in riparian ecosystems', *New Phytologist*, vol. 204, no. 1, pp. 19–36.

- Catford, J.A., Roberts, J., Capon, S.J., Froend, R.H., Windecker, S.M. & Douglas, M.M. 2017, 'Wetland vegetation of inland Australia', in D.A. Keith (ed), *Australian Vegetation*, Cambridge University Press, New York.
- Chessman, B.B. & Williams, S.A. 1999, 'Biodiversity and conservation of river macroinvertebrates on an expanding urban fringe: western Sydney, New South Wales, Australia', *Pacific Conservation Biology*, no. 5, pp. 36–55.
- Church, T. 2002, *Temperature Suppression in the Lower Hawkesbury River*, prepared for the Hawkesbury-Nepean River Management Forum.
- Climate Council 2017, *Cranking Up The Intensity: Climate Change and Extreme Weather Events*, Climate Council of Australia Ltd.
- Colmer, T.D. & Pedersen, O.B. 2008, 'Underwater photosynthesis and respiration in leaves of submerged wetland plants: gas films improve CO<sub>2</sub> and O<sub>2</sub> exchange', *New Phytologist*, vol. 177, no. 4, pp. 918–926.
- Colquhoun, G.P., Phillips, G., Hughes, K.S., Deyssing, L., Fitzherbert, J.A., & Troedson, A.L. 2015, *New South Wales Zone 56 Seamless Geology dataset*, version 1 (digital dataset), Geological Survey of New South Wales, Maitland.
- Commonwealth of Australia 2009, Schedule B8 Guideline on Community Engagement and Risk Communication of the National Environment Protection (Assessment of Site Contamination) Measure 1999 (ASC NEPM) (including 2013 amendment)
- Commonwealth of Australia 2013, *Guide for sustainable procurement of services*, report prepared by ECO-Buy Ltd., for Commonwealth of Australia, Canberra.
- Commonwealth of Australia 2018, *Australian Convict Sites Strategic Management Framework 2018*, Department of the Environment and Energy.
- Commonwealth Scientific and Industrial Research Organisation 2019, *Eucalyptus benthamii Inundation Experiment: Two-year report on stand growth and health*, CSIRO, Canberra.
- Commonwealth Scientific and Industrial Research Organisation & Bureau of Meteorology n.d., *Climate Change in Australia*, CSIRO and BoM, <<https://www.climatechangeinaustralia.gov.au/en/climate-projections/about/citation/>>.
- CONCAWE 1981, *The propagation of noise from petroleum and petrochemical complexes to neighbouring communities*, report no. 4/81, prepared by C.J. Manning for CONCAWE's Special Task Force on Noise Propagation, Den Haag.
- Cornish, P.M. 1977, 'Changes in Seasonal and Annual Rainfall in New South Wales', *Search*, vol. 8, pp. 38–40.
- Corringham, R. 1988, *Preliminary Survey of Eucalyptus benthamii in Kedumba Valley*, prepared for Sydney Water Board.
- Countess Environmental 2006, *WRAP Fugitive Dust Handbook – Chapter 3 Construction & Demolition*, Countess Environmental, Westlake Village, California.

## D

- Danielson & Associates, Patterson Britton & Partners & Masson & Wilson 1997, *Emergency Response and Traffic Infrastructure*, prepared for Hawkesbury-Nepean Flood Management Advisory Committee.
- Dela-Cruz, J., Pik, A. & Wearne, P. 2017, *Risk-based framework for considering waterway health outcomes in strategic land-use planning decisions*, Office of Environment and Heritage and NSW Environment Protection Authority, Sydney.
- Department of Agriculture, Water and the Environment (DAWE), 2020.  
<https://www.environment.gov.au/system/files/pages/289205b6-83c5-480c-9a7d-3fdf3cde2f68/files/summary-list-plants-requiring-urgent-management-intervention.pdf>
- Department of the Environment n.d., *Representative Concentration Pathways (RCPs) – Fact Sheet*, DoE.
- Department of the Environment 2013, *Matters of National Environmental Significance – Significant impact guidelines 1.1*, DoE, Canberra.
- Department of Environment and Climate Change 1997, *Bunding and Spill Management*

- Department of Environment and Climate Change 2002, *Descriptions for NSW (Mitchell) Landscapes – Version 2 (2002)*, DECC NSW.
- Department of Environment and Climate Change 2007a, *Storing and Handling Liquids: Environmental Protection – Participant's Manual*, DECC NSW, Parramatta.
- Department of Environment and Climate Change 2007b, *Terrestrial Vertebrate Fauna of the Greater Southern Sydney Region Volume 1: Background Report*, DECC NSW, Hurstville.
- Department of Environment and Climate Change 2007c, *Terrestrial Vertebrate Fauna of the Greater Southern Sydney Region Volume 2: Fauna of Conservation Concern and Priority Pest Species*, DECC NSW, Hurstville.
- Department of Environment and Climate Change 2007d, *Terrestrial Vertebrate Fauna of the Greater Southern Sydney Region Volume 3: The Fauna of the Warragamba Special Area: Summary of findings and recommendations*, DECC NSW, Hurstville.
- Department of Environment and Climate Change 2007e, *Threatened and pest animals of Greater Southern Sydney*, DECC NSW, Hurstville.
- Department of Environment and Climate Change 2007f, *Threatened Species Assessment Guidelines: The Assessment of Significance*, DECC NSW, Hurstville.
- Department of Environment and Climate Change 2008a, *Colo River, Wollemi and Blue Mountains National Parks, Wild River Assessment 2008*, released by DECC, published by Department of Environment, Climate Change and Water NSW, Sydney.
- Department of Environment and Climate Change 2008b, *Grose River, Blue Mountains National Park, Wild River Assessment 2008*, released by DECC, published by Department of Environment, Climate Change and Water NSW, Sydney.
- Department of Environment and Climate Change 2008c, *Hygiene protocol for the control of disease in frogs*, Information Circular Number 6, DECC NSW, Sydney South.
- Department of Environment and Climate Change 2008d, *Managing Urban Stormwater: Soils and Construction, Volume 2A – Installation of services*, DECC NSW, Sydney.
- Department of Environment and Climate Change 2008e, *Managing Urban Stormwater: Soils and Construction, Volume 2B – Waste landfills*, DECC NSW, Sydney.
- Department of Environment and Climate Change 2008f, *Managing Urban Stormwater: Soils and Construction, Volume 2C – Unsealed roads*, DECC NSW, Sydney.
- Department of Environment and Climate Change 2008g, *Managing Urban Stormwater: Soils and Construction, Volume 2D – Main road construction*, DECC NSW, Sydney.
- Department of Environment and Climate Change 2008h, *Managing Urban Stormwater: Soils and Construction, Volume 2E – Mines and quarries*, DECC NSW, Sydney.
- Department of Environment and Climate Change 2008i, *The Native Vegetation of Yengo and Parr Reserves and Surrounds*, DECC NSW, Hurstville.
- Department of Environment and Climate Change 2008j, *Statement of Intent, 1: Infection of native plants by Phytophthora cinnamomi*, DECC NSW, Sydney.
- Department of Environment and Climate Change 2009a, *Greater Blue Mountains World Heritage Area Strategic Plan*, DECC NSW, Sydney.
- Department of Environment and Climate Change 2009b, *Interim Construction Noise Guideline*, DECC NSW, Sydney.
- Department of Environment and Climate Change 2009c, *NSW Diffuse Source Water Pollution Strategy*, DECC NSW, Sydney.
- Department of Environment and Climate Change 2009d, *The Native Vegetation of Yengo and Parr Reserves and Surrounds*
- Department of Environment, Climate Change and Water 2006, *NSW Water Quality and River Flow Objectives – helping to consider community values for water quality in decision making*, DECCW, <<https://www.environment.nsw.gov.au/ieo/>>.

- Department of Environment, Climate Change and Water 2010a, *Aboriginal cultural heritage consultation requirements for proponents 2010*, DECCW NSW.
- Department of Environment, Climate Change and Water 2010b, *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales – Part 6 National Parks and Wildlife Act 1974*, DECCW NSW, Sydney.
- Department of Environment, Climate Change and Water 2010c, *Lower Hawkesbury-Nepean River nutrient management strategy*, DECCW NSW, Sydney.
- Department of Environment, Climate Change and Water 2010d, *Mitchell Landscapes NSW OEH v3 2011 Bioregional Assessment Source Dataset*, bioregional assessment source dataset, DECCW, Sydney.
- Department of Environment, Climate Change and Water 2010e, *NSW Climate Impact Profile: The impacts of climate change on the biophysical environment of New South Wales*, DECCW.
- Department of Environment, Climate Change and Water 2010f, *NSW Diffuse Source Water Pollution Strategy – 2010 Annual Report*, DECCW.
- Department of Environment, Climate Change and Water 2010g, *NSW Wetlands*, Bioregional Assessment Source dataset, DECCW.
- Department of Environment, Climate Change and Water 2010h, *State of the catchments 2010, Wetlands – Hawkesbury-Nepean region*, DECCW.
- Department of Environment, Climate Change and Water 2011, *NSW Road Noise Policy*, DECCW, Sydney.
- Department of Environment and Conservation 2004, *Threatened Biodiversity Survey and Assessment: Guidelines for Developments and Activities (Working Draft)*, DEC, Hurstville.
- Department of Environment and Conservation 2005a, *Draft Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation*, DEC, Sydney.
- Department of Environment and Conservation 2005b, *Kowmung River, Kanangra-Boyd National Park – Wild River Assessment*, DEC, Parks and Wildlife Division, Sydney South.
- Department of Environment and Conservation 2006, *Assessing Vibration: A technical guidance*, DEC, Sydney.
- Department of Environment and Conservation 2007, *Declaration of critical habitat for the Wollemi Pine (Wollemia nobilis)*, NPWS, Sydney.
- Department of the Environment and Energy n.d., *Australian Convict Sites Statement of Outstanding Universal Value*, DoEE, Canberra, viewed 21 December 2017, <<http://www.environment.gov.au/heritage/places/world/convict-sites/values>>.
- Department of the Environment and Energy 2015, *Protected Matters Search Tool*, DoEE, <<http://www.environment.gov.au/webgis-framework/apps/pmst/pmst.jsf>>.
- Department of the Environment and Energy 2016a, *Interim Biogeographic Regionalisation for Australia, Version 7*, DoEE, Canberra, <<http://environment.gov.au/system/files/pages/5b3d2d31-2355-4b60-820c-e370572b2520/files/bioregions-new.pdf>>.
- Department of the Environment and Energy 2016b, *Interim Biogeographic Regionalisation for Australia, Version 7 and Sub-regions*, DoEE, Canberra, <<http://environment.gov.au/system/files/pages/5b3d2d31-2355-4b60-820c-e370572b2520/files/subregions-new.pdf>>.
- Department of the Environment and Energy 2019a, *Place Details: Ku-ring-gai Chase National Park, Lion, Long and Spectacle Island Nature Reserves, Ku-ring-gai Chase Rd, Bobbin Head, NSW Australia*, Australian Heritage Database of the DoEE, Canberra, <[http://www.environment.gov.au/cgi-bin/ahdb/search.pl?mode=place\\_detail;search=place\\_name%3DKu-ring-gai%2520chase%2520national%2520park%2520%3Bkeyword\\_PD%3Don%3Bkeyword\\_SS%3Don%3Bkeyword\\_PH%3Don%3Blatitude\\_1dir%3DS%3Blongitude\\_1dir%3DE%3Blongitude\\_2dir%3DE%3Blatitude\\_2dir%3DS%3Bin\\_region%3Dpart;place\\_id=105817](http://www.environment.gov.au/cgi-bin/ahdb/search.pl?mode=place_detail;search=place_name%3DKu-ring-gai%2520chase%2520national%2520park%2520%3Bkeyword_PD%3Don%3Bkeyword_SS%3Don%3Bkeyword_PH%3Don%3Blatitude_1dir%3DS%3Blongitude_1dir%3DE%3Blongitude_2dir%3DE%3Blatitude_2dir%3DS%3Bin_region%3Dpart;place_id=105817)>.
- Department of the Environment and Energy 2019b, *Place Details: Old Great North Road, The Old Great Northern Rd, Wisemans Ferry, NSW, Australia*, Australian Heritage Database of the DoEE, Canberra, viewed 21 December 2017, <[http://www.environment.gov.au/cgi-bin/ahdb/search.pl?mode=place\\_detail;place\\_id=105961](http://www.environment.gov.au/cgi-bin/ahdb/search.pl?mode=place_detail;place_id=105961)>.

- Department of the Environment and Heritage 2006, *Climate Change Impacts & Risk Management: A Guide for Business and Government*, Australian Greenhouse Office in the DoEH, Canberra.
- Department of Environment, Water, Heritage and the Arts 2008, *Australian Convict Sites World Heritage Nomination*, DEWHA for Commonwealth of Australia, Canberra.
- Department of Infrastructure, Planning and Natural Resources 2004, *Planning Guidelines for Walking and Cycling*, DIPNR.
- Department of Infrastructure, Planning and Natural Resources 2005, *Floodplain Development Manual – the management of flood liable land*, DIPNR, Sydney.
- Department of Natural Resources 2006, *Survey of Tidal Limits and Mangrove Limits in NSW Estuaries 1996–2005*, report prepared by Manly Hydraulics Laboratory.
- Department of Planning 2007, *Guideline on development controls on low risk flood areas – Floodplain Development Manual*, Department of Planning.
- Department of Planning and Environment 2017a, *NSW Department of Planning & Environment 2016-17 Annual Report*, DPE.
- Department of Planning and Environment 2017b, *Social impact assessment guideline – For State significant mining, petroleum production and extractive industry development*, DPE, Sydney.
- Department of Planning and Environment 2018, *Warragamba Environmental Flows Scenario Assessment Report*, DPE.
- Department of Planning, Industry and Environment 2020a. Understanding the effects of the 2019–20 fires. [Online] Available at: <https://www.environment.nsw.gov.au/topics/parks-reserves-and-protected-areas/fire/park-recovery-and-rehabilitation/recovering-from-2019-20-fires/understanding-the-impact-of-the-2019-20-fires> [Accessed 17 March 2020].
- Department of Planning, Industry and Environment 2020b. Google Earth Engine Burnt Area Map (GEEBAM) available via the Sharing and Enabling Environmental Data (SEED) Portal. [Online] Available at: <https://datasets.seed.nsw.gov.au/dataset/google-earth-engine-burnt-area-map-geebam/resource/f2ca8072-e12a-4848-8622-0c2301812ad7>. [Accessed 17 March 2020].
- Department of Planning, Industry and Environment 2020c. Fire Extent and Severity Mapping (FESM) available via the Sharing and Enabling Environmental Data (SEED) Portal. [Online] Available at: <https://datasets.seed.nsw.gov.au/dataset/fire-extent-and-severity-mapping-fesm> [Accessed 25 May 2020].
- Department of Planning, Industry and Environment 2020d. NPWS Fire History – Wildfires and Prescribed Burns available via the Sharing and Enabling Environmental Data (SEED) Portal. [Online] Available at: <https://datasets.seed.nsw.gov.au/dataset/fire-history-wildfires-and-prescribed-burns-1e8b6> [Accessed 2017 March 2020].
- Department of Planning, Industry and Environment 2020e. NSW Fire and the Environment 2019–20 Summary: Biodiversity and landscape data and analyses to understand the effects of the fire events. State of New South Wales and Department of Planning, Industry and Environment 2020.
- Department of Primary Industries 2006, *Reducing the Impact of Weirs on Aquatic Habitat – New South Wales Detailed Weir Review – Murrumbidgee Region*, report to the Murrumbidgee Catchment Management Authority and the New South Wales Environmental Trust, NSW DPI, Flemington, NSW.
- Department of Primary Industries 2007, *Sydney Hawk Dragonfly – Austrocordulia leonardi*, DPI, Threatened Species Unit, Port Stephens.
- Department of Primary Industries 2013, *Adam’s Emerald Dragonfly – Archaeophya adamsi*, DPI, Fisheries Ecosystems Unit, Port Stephens.
- Department of Primary Industries 2013, *Policy and guidelines for fish habitat conservation and management (2013 update)*, DPI, Fisheries Ecosystems Unit, Port Stephens.
- Department of Primary Industries 2014a, *Hawkesbury-Nepean Valley Flood Management Review Stage One – Review Report*, DPI, Office of Water.
- Department of Primary Industries 2014b, *Warragamba Environmental Flows, Baseline Reports: Report 2: Hydrology; Report 4: Water Quality; Report 5: Algae; Report 6: Zooplankton; Report 7: Aquatic Macrophytes; Report 8:*



*Macroinvertebrates; Report 9: Freshwater Fish; Report 10: Other River Dependent Fauna; Report 11: Hawkesbury Estuary*, DPI.

Department of Primary Industries 2017a, *Hawkesbury-Nepean catchment*, DPI.

Department of Primary Industries 2017b, *Healthy estuaries for healthy oysters guidelines*, prepared by T. Gippel & K. Sachs for DPI Aquaculture Management Unit, Nelson Bay, NSW.

Department of Primary Industries 2018, *New South Wales Weed Control Handbook – A guide to weed control in non-crop, aquatic and bushland situations*, 7th ed, DPI.

Department of Sustainability, Environment, Water, Population and Communities 2011, *Draft referral guidelines for the endangered Macquarie perch*, *Macquaria australasica*, DSEWPoC.

Department of Sustainability, Environment, Water, Population and Communities 2012, *Environment Protection and Biodiversity Conservation Act 1999 Environmental Offsets Policy*, DSEWPoC, Canberra.

Don Fox Planning Pty Ltd & Bewsher Consulting Pty Ltd 1997, *Land Use Planning and Development Control Measures*, prepared for Hawkesbury-Nepean Flood Management Advisory Committee.

## E

Eco Logical Australia 2007, *A Review of 'Overcleared' Landscapes in the PVP-Developer, Stage 2: Hawkesbury Nepean, Hunter/Central Rivers, Lower Murray/Darling, Murray/Murrumbidgee, Northern Rivers, Southern Rivers and Western Catchment Management Authority Areas*, report prepared for Department of Environment and Conservation, Coffs Harbour.

Economy.id.com.au. 2020, Economic Profile | Cws | Economy.Id. [online] Available at: <<https://economy.id.com.au/cws>> [Accessed 29 October 2020].

Ecwise Environmental 2008, *Assessment of Risk of Spread for Strategic Management of the Core Alligator Weed Infestations in Australia – Taking Stock*, prepared for Department of Agriculture, Fisheries and Forestry.

enHealth 2012a, *Australian Exposure Factors Guide*, Department of Health.

enHealth 2012b, *Environmental Health Risk Assessment: Guidelines for assessing human health risks from environmental hazards*, Department of Health.

enHealth 2017, *Health Impact Assessment Guidelines*, Department of Health.

Environmental Protection Authority Victoria 2007, *Protocol for Environmental Management: State Environment Protection Policy (Air Quality Management) Mining and Extractive Industries*, EPA Victoria, Southbank.

Environment Protection and Heritage Council 2009, *National Waste Policy: Less waste, more resources*, EPHC.

ERM Mitchell McCotter 1995, *Proposed Warragamba Flood Mitigation Dam – Environmental Impact Statement (Volumes 1, 2 and 3)*, prepared for the Warragamba Dam Flood Mitigation Program, managed on behalf of the NSW Government by Sydney Water Corporation Ltd.

Erskine, W.D. 1992, 'Alluvial cut-offs as indicators of former channel conditions', *Earth Surface Processes and Landforms*, vol. 17, pp. 23–37.

Erskine, W.D. & Green, D. 2000, 'Geomorphic effects of extractive industries and their implications for river management: the case of the Nepean River, NSW', in S. Brigza and B. Finlayson (eds), *River Management: the Australasian Experience*, John Wiley & Sons, West Sussex, UK, pp. 123–149.

## F

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

Fairfull, S. & Witheridge, G. 2003, *Why do Fish Need to Cross the Road? Fish Passage Requirements for Waterway Crossings*, NSW Fisheries, Cronulla.

Fitzpatrick, R., Powell, B. & Marvanek, S. 2011, *Atlas of Australian Acid Sulphate Soils*, version 2, data collection, Commonwealth Scientific and Industrial Research Organisation.



## G

- Gallagher, R. 2020 *Macquarie University, Interim National Prioritisation of Australian Plants Affected by the 2019-2020 Bushfire Season, Research for the Wildlife and Threatened Species Bushfire Recovery Expert Panel Version 1.3*, Macquarie University <https://www.environment.gov.au/system/files/pages/289205b6-83c5-480c-9a7d-3fdf3cde2f68/files/interim-report-plants-requiring-urgent-management-intervention.pdf>
- Gehrig, S. & Nicol, J. 2010, *Aquatic and littoral vegetation of the Murray River downstream of Lock 1, the Lower Lakes, Murray Estuary and Coorong. A literature review*, South Australian Research and Development Institute (Aquatic Sciences), Adelaide, SARDI Publication Number F2010/000297-1, SARDI Research Report Series No. 482.
- GHD 2013a, 2013 *Audit of the Sydney Drinking Water Catchment*, Water Sciences Group & GHD, Parramatta.
- GHD 2013b, *Hawkesbury Nepean CMA Report for River Styles Assessment*.
- GHD 2016, *Western Sydney Airport, Surface Water Hydrology and Geomorphology*, August 2016, Sydney.
- Golden, R.J., Stewart, E.H., Robinson, D.E., Julkunen, P.H., Reese, E.A. 1997, 'Chloroform Mode of Action: Implications for Cancer Risk Assessment', *Regulatory Toxicology and Pharmacology*, vol. 26, no. 2, pp. 142–155.
- Graham Brooks & Associates Pty Ltd 2010, *Conservation Management Plan: Warragamba Supply Scheme*.
- Graham, H., White, P., Cotton, J. & McManus, S. 2019, 'Flood- and Weather-Damaged Homes and Mental Health: An Analysis Using England's Mental Health Survey', *International Journal of Environmental Research and Public Health*, vol. 16, no. 18.
- Greater London Authority 2006, *The control of dust and emissions from construction and demolition Best Practice Guidance*, Greater London Authority.
- Greater Sydney Commission 2017, *Draft Greater Sydney Plan*, GSC.
- Greater Sydney Commission 2018a, *Greater Sydney Region Plan: A Metropolis of Three Cities*, GSC.
- Greater Sydney Commission 2018b, *Western City District Plan*, GSC.
- Griffin NRM Pty Ltd 2005, *The Old Great North Road Cultural Landscape, Dharug National Park, Conservation Management Plan*, prepared for Office of Environment and Heritage.
- Gruber, R., Ferguson, A. & Haine, B. 2010, *Final Report. Nutrient Transformation and Attenuation within Tidal Rivers*, research project 2007/RD0018 (July 2008 – July 2010), Department of Environment, Climate Change and Water NSW.
- Gunnison, Douglas & Engler, Robert & Patrick, William. 1985, Chemistry and microbiology of newly flooded soils: relationship to reservoir-water quality. DOI 10.1007/978-94-009-5514-1\_3.

## H

- Hannan, J. 1998, *Habitat Protection Plan No 3 – The Hawkesbury-Nepean River System*, prepared for NSW Fisheries and the Hawkesbury-Nepean Catchment Management Trust.
- Harris, P., Harris-Roxas, B., Harris, E. & Kemp, L. 2007, *Health Impact Assessment: A Practical Guide*, Centre for Health Equity Training, Research and Evaluation (CHETRE), part of the UNSW Research Centre for Primary Health Care and Equity, UNSW.
- Hawkesbury-Nepean Catchment Management Authority 2008, *Hawkesbury-Nepean Catchment Action Plan 2007-2016*, HNCMA, Goulburn.
- Hawkesbury-Nepean Flood Management Advisory Committee 1997, *Achieving a Hawkesbury-Nepean Floodplain Management Strategy*, HNFMAC.
- Hawkesbury-Nepean Floodplain Management Steering Committee 2004, *Hawkesbury-Nepean Floodplain Management Strategy Implementation: Reporting the achievements of the Hawkesbury-Nepean Floodplain Management Steering Committee (1998–2004)*, HNFMSC, Parramatta.
- Hawkesbury-Nepean River Management Forum 2004, *Water and Sydney's Future – Balancing the values of our rivers and economy*, Department of Infrastructure, Planning and Natural Resources, Sydney.

- Hazelton, P.A. and Tille, P.J. 1990, *Soil Landscapes of Wollongong-Port Hacking, 1:100 000 Sheet*, Soil Conservation Service of NSW, Sydney.
- Healthy Rivers Commission 1998, *Independent inquiry into the Hawkesbury Nepean River system*, HRC of NSW, Sydney.
- Heritage Branch Department of Planning 2009, *Assessing Significance for Historical Archaeological Sites and 'Relics'*, Heritage Branch Department of Planning.
- Herron NF, McVicar TR, Rohead-O'Brien H, Rojas R, Rachakonda PK, Zhang YQ, Dawes WR, Macfarlane C, Pritchard J, Doody T, Marvanek SP and Li LT 2018, Context statement for the Sydney Basin bioregion. Product 1.1 from the Sydney Basin Bioregional Assessment. Department of the Environment and Energy, Bureau of Meteorology, CSIRO and Geoscience Australia, Australia. <http://data.bioregionalassessments.gov.au/product/SSB/SSB/1.1>.
- Hollinger, E. & Cornish, Peter & Baginska, Barbara & Mann, Rob & Kuczera, G. 2001, Farm-scale stormwater losses of sediment and nutrients from a market garden near Sydney, Australia. *Agricultural Water Management*. 47. 227-241. 10.1016/S0378-3774(00)00107-4.
- Howell, J. & Benson, D. 2000, 'Predicting potential impacts of environmental flows on weedy riparian vegetation of the Hawkesbury-Nepean River, south-eastern Australia', *Austral Ecology*, vol. 25, no. 5, pp. 463–475.
- Hrudey, S.E. & Charrois, J.W.A. (eds) 2012, *Disinfection By-Products and Human Health*, IWA Publishing, London.
- I
- International Council on Monuments and Sites 2011, *Guidance on Heritage Impact Assessments for Cultural World Heritage Properties*, ICOMOS, Paris.
- Independent Expert Panel on Environmental Flows for the Shoalhaven, Hawkesbury Nepean and Woronora catchments 2002, *Some possible implications of global warming on the Hawkesbury Nepean Report to the Hawkesbury Nepean River Management Forum*, Department of Infrastructure, Planning and Natural Resources, Sydney.
- Independent Pricing and Regulatory Tribunal of New South Wales 2013, *Raw Water Supply Agreement between Sydney Catchment Authority and Sydney Water Corporation*, IPART NSW, Sydney.
- Independent Pricing and Regulatory Tribunal of New South Wales 2017, *Water NSW Operating licence 2017–2022*, IPART NSW.
- Infrastructure NSW 2012, *The State Infrastructure Strategy 2012–2032*, Infrastructure NSW, Sydney.
- Infrastructure NSW 2017, *Resilient Valley, Resilient Communities, Hawkesbury-Nepean Valley Flood Risk Management Strategy*, INSW, Sydney.
- Infrastructure NSW 2018, *State Infrastructure Strategy 2018–2038*, INSW, Sydney.
- Infrastructure NSW 2019, *Hawkesbury-Nepean Valley Flood Risk Management Strategy Taskforce Options Assessment Report*, INSW.
- Infrastructure Sustainability Council of Australia 2018, *Infrastructure Sustainability rating tool version 2.0 – Technical Manual*, ISCA, Sydney.
- Intergovernmental Panel on Climate Change 2013, *Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*, Cambridge University Press, Cambridge.
- International Organisation for Standardisation 1996, *ISO 9613 Acoustics - Attenuation of sound during propagation outdoors*, ISO.
- IT Environmental 2004, *Remedial Action Plan: Former Workshop Yard, Farnsworth Avenue, Warragamba, NSW, 2752*, prepared for Sydney Catchment Authority.
- J
- Jacobs Australia 2017, *The Northern Road Upgrade –Mersey Road, Bringelly to Glenmore Parkway, Glenmore Park, Final Environmental Impact Statement*, prepared for Roads and Maritime Services.

- JBS&G 2017a, *Additional Site Investigation: Megarritty's Creek, Weir Road, Warragamba, NSW*, prepared for Sydney Catchment Authority.
- JBS&G 2017b, *Assessment of Remedial Options – Megarritty's Creek, Weir Road, Warragamba, NSW*, prepared for Sydney Catchment Authority.
- Jorgenson, T.A., Meierhenry, E.F., Rushbrook, C.J., Bull, R.J. & Robinson, M. 1985, 'Carcinogenicity of chloroform in drinking water to male Osborne-Mendel rats and female B6C3F1 mice', *Fundamental and Applied Toxicology*, vol. 5, no.4, pp. 760–769.
- Josephson, J.P. 1885, 'History of floods in the Hawkesbury River', *Journal of the Royal Society of New South Wales*, no. 189, pp. 97–107.

## K

- Keith, D. 2004, *Ocean Shores to Desert Dunes: The Native Vegetation of New South Wales and the ACT*, Department of Environment and Conservation, Hurstville.
- Khan, I., Navie, D., George, D., O'Donnell, C. & Adkins, S.W. 2018, 'Alien and native plant seed dispersal by vehicles', *Austral Ecology*, vol. 43, no. 1, pp. 76–88.
- Kimmerikong 2005, *Scoping Study Hawkesbury Nepean River Estuary Management Final Report*, Kimmerikong Pty Ltd Natural Resource Management.
- King, D.P. 1994, *Soil Landscapes of the Katoomba 1:100 000 Sheet map and report*, NSW Department of Land and Water Conservation, Sydney.
- Kingsford, R.T. 2000, 'Ecological impacts of dams, water diversions and river management on floodplain wetlands in Australia', *Austral Ecology*, vol. 25, pp. 109–127.
- Knight, J.T. 2010, 'The feasibility of excluding alien redfin perch from Macquarie perch habitat in the Hawkesbury-Nepean Catchment', *Industry & Investment NSW – Fisheries Final Report Series*, no. 121, report for Industry & Investment NSW and the Hawkesbury-Nepean Catchment Management Authority, Nelson Bay, NSW.
- Kozłowski, T.T. 1997, 'Responses of woody plants to flooding and salinity', *Tree Physiology Monograph*, no. 1, pp. 1–17.
- Krogh, M., Wright, A. & Miller, J. 2009, *Hawkesbury-Nepean River Environmental Monitoring Program – Final Technical Report*, prepared for Department of Environment and Climate Change NSW.
- Kuginis L., Byrne G., Serov P, Williams J.P., June 2012, Risk assessment guidelines for groundwater dependent ecosystems, Volume 3 – Identification of high probability groundwater dependent ecosystems on the coastal plains of NSW and their ecological value, NSW Department of Primary Industries, Office of Water, Sydney
- Kuruppu, K. 2016, 'Water Quality Assessment in the Hawkesbury Nepean River System, New South Wales', PhD thesis, Western Sydney University, NSW.

## L

- Landcom 2004, *Managing Urban Stormwater: Soils and construction, Volume 1*, 4th ed, Landcom, Parramatta.
- Lawton, A. 2018, 'Estimating Homelessness in Greater Western Sydney', *Census 2016 Topic Paper*, WESTIR Ltd, Parramatta, NSW.
- Lincoln Smith, M. 2003, *Aquatic Ecology in Environmental Impact Assessment – EIA Guideline Series*, Department of Planning, Sydney, NSW

## M

- Manly Hydraulics Laboratory 2006, *Survey of Tidal Limits and Mangrove Limits in NSW estuaries 1996 to 2005*, prepared for Department of Natural Resources.
- Marcar, N. 1995, *Glasshouse Evaluation of Inundation Tolerance of Camden white gum (Eucalyptus benthamii)*, Commonwealth Scientific and Industrial Research Organisation, Canberra.
- Mathews, R.H. n.d., *Undated Notebooks N.L.A MS8006*.



- McDonald, J. 1997, *Survey for Prehistoric Archaeological Sites, Residential Investigation of Lands of Blaxland, NSW*, report to Gunninah Environmental Consultants.
- Merriman, J. 2009, 'Traditional subsistence in the Blue Mountains', in E. Stockton & J. Merriman (eds), *Blue Mountains Dreaming: The Aboriginal Heritage*, 2nd ed, Blue Mountain Education and Research Trust, Lawson, NSW, pp. 165–199.
- Metropolitan Water Directorate 2017, *2017 Metropolitan Water Plan: Water for a Liveable, Growing and Resilient Greater Sydney*, Department of Industry, Skills and Regional Development.
- Milne-Home, W.A. (ed) 2009, *Groundwater in the Sydney Basin Symposium*, proceedings of the International Association of Hydrogeologists, New South Wales Branch.
- Molino Stewart 1997, *Hawkesbury-Nepean River Impacts of Flooding on Communities and Infrastructure*, prepared for Hawkesbury-Nepean Flood Management Advisory Committee.
- Molino Stewart 2012, *Hawkesbury-Nepean Flood Damages Assessment*, prepared for Infrastructure NSW.
- Mount King Ecological Surveys 1992, *Warragamba Dam EIS – Dam Site Environmental Studies Flora and Fauna*, Mount King Ecological Surveys, Bathurst.
- Murcia, C. 1995, 'Edge effects in fragmented forests: implications for conservation', *Trends in Ecology & Evolution*, vol. 10, no. 2, pp. 58–62.
- Muzirwa, R., Haque, M.M., Rahman, A. & Tomlinson, D. 2015, 'An exploratory water quality analysis of the Hawkesbury-Nepean River catchment', report to the *21st International Congress on Modelling and Simulation*, Gold Coast, Australia.

## N

- National Environment Protection Council 2003, *Impact Statement for the National Environment Protection (Air Toxics) Measure*, NEPC.
- National Health and Medical Research Council & Agricultural and Resource Management Council of Australia and New Zealand 1996, *Australian drinking water guidelines, National Water Quality Management Strategy Paper No. 6*, NHMRC & ARMCANZ, Australian Government Publishing Service, Canberra.
- National Health and Medical Research Council & National Resource Management Ministerial Council 2018, *Australian Drinking Water Guidelines Paper 6 2011, National Water Quality Management Strategy*, version 3.5, NHMRC & NRMCC, Commonwealth of Australia, Canberra.
- National Parks and Wildlife Service n.d., *Burraborang State Conservation Area*, NSW NPWS, <<https://www.nationalparks.nsw.gov.au/visit-a-park/parks/burraborang-state-conservation-area>>.
- National Parks and Wildlife Service 1997a, *Aboriginal cultural heritage: standards and guidelines kit*, NSW NPWS, Hurstville.
- National Parks and Wildlife Service 1997b, *Cattai National Park Plan of Management*, NSW NPWS, Sydney.
- National Parks and Wildlife Service 1998, *The Greater Blue Mountains Area World Heritage Nomination*, NSW National Parks and Wildlife Service in association with Environment Australia.
- National Parks and Wildlife Service 1999, *Castlereagh, Agnes Banks and Windsor Downs Nature Reserves Plan of Management*, NSW NPWS, Sydney.
- National Parks and Wildlife Service 2001, *Blue Mountains National Park Plan of Management*, NSW NPWS.
- National Parks and Wildlife Service 2002, *Native vegetation maps of the Cumberland Plain, western Sydney*, NSW NPWS, Hurstville.
- National Parks and Wildlife Service 2003a, *The Native Vegetation of the Warragamba Special Area, Part A: Technical Report*, NSW NPWS.
- National Parks and Wildlife Service 2003b, *South Eastern Highlands Biogeographic Region (IBRA) – Location*, NSW NPWS.

- National Parks and Wildlife Service 2009a, *Scheyville National Park Conservation Management Plan*, NSW NPWS for Department of Environment and Climate Change, Sydney.
- National Parks and Wildlife Service 2009b, *Yellowmundee Regional Park Plan of Management*, NSW NPWS.
- National Parks and Wildlife Service 2013, *Cumberland Plain vegetation mapping project*, information base, NSW NPWS.
- Navin Officer Heritage Consultants 2016, *Western Sydney Airport – Aboriginal Cultural Heritage Assessment*, report prepared for GHD, August 2016, Sydney.
- Neville, M.J. 1976, *Sand Resources of the Hawkesbury River System between Windsor and Brooklyn*, Geological Survey of NSW, Department of Mines, Sydney.
- NSW Environment Protection Authority 2000, *NSW Industrial Noise Policy (2000)*, NSW EPA, Sydney.
- NSW Environment Protection Authority 2014a, *NSW Waste Avoidance and Resource Recovery Strategy 2014–21*, NSW EPA, Sydney.
- NSW Environment Protection Authority 2014b, *Waste Classification Guidelines – Part 1: Classifying waste*, NSW EPA, Sydney.
- NSW Environment Protection Authority 2014c, *Waste Classification Guidelines – Part 2: Immobilisation of waste*, NSW EPA, Sydney.
- NSW Environment Protection Authority 2016, *Approved Methods for the Modelling and Assessment of Air Pollutants in NSW*, NSW EPA, Sydney.
- NSW Environment Protection Authority 2017, *Noise Policy for Industry*, NSW EPA, Sydney.
- NSW Government 2005, *Floodplain Development Manual: The Management of Flood Liable Land*, Department of Infrastructure, Planning and Natural Resources, Sydney.
- NSW Government 2014, *A Plan for Growing Sydney*, NSW Government, Sydney.
- NSW Government & Department of Planning, Industry and Environment 2010, *NSW Wetlands*, dataset, <<https://datasets.seed.nsw.gov.au/dataset/nsw-wetlands047c7>>.
- NSW Heritage Office 1996, *NSW Heritage Manual*, NSW Heritage Office and NSW Department of Urban Affairs and Planning.
- NSW Heritage Office 1998a, *How to Prepare Archival Records of Heritage Items*, 3rd ed, NSW Heritage Office, Parramatta.
- NSW Heritage Office 1998b, *Skeletal remains: guidelines for the management of human skeletal under the Heritage Act 1977*, NSW Heritage Office, Sydney.
- NSW Heritage Office 2001, *Assessing heritage significance, NSW Heritage Manual update*, NSW Heritage Office.
- NSW Heritage Office 2005a, *Heritage Interpretation Policy*, Department of Planning, Parramatta.
- NSW Heritage Office 2005b, *Interpreting Heritage Places and Items Guidelines*, prepared by E. Lawson & M. Walker for the NSW Heritage Office, Parramatta.
- NSW Heritage Office 2006, *Photographic Recording of Heritage Items Using Film or Digital Capture*, prepared by L. Greenup for the NSW Heritage Office, Department of Planning, Parramatta.
- NSW Office of Water 2011, *NSW Cold Water Pollution Strategy: Guidelines for managing cold water releases from high priority dams*, NSW Office of Water, Sydney.
- NSW Scientific Committee 2002, *Alteration to the natural flow regimes of rivers, streams, floodplains and wetlands – key threatening process determination – final*, Office of Environment and Heritage, Sydney.
- NSW State Emergency Service 2015, *Hawkesbury Nepean Flood Plan: Sub Plan of the State Emergency Management Plan*, NSW SES.
- Newgate Research 2018, *Flood Evacuation Social Research for the Hawkesbury-Nepean Flood Risk Management Directorate - Final Report*, prepared for Infrastructure NSW.

Niche Environment and Heritage 2018, *Aboriginal Cultural Heritage Assessment Dendrobium Mine – Plan for the Future: Coal for Steelmaking*, unpublished report prepared for Illawarra Coal Holdings Pty Ltd.

## O

- O’Gara, E., Howard, K., Wilson, B. & Hardy, G. 2005, *Management of Phytophthora cinnamomi for Biodiversity Conservation in Australia: Part 2 – National Best Practice Guidelines*, a report funded by the Commonwealth Government Department of the Environment and Heritage by the Centre for *Phytophthora* Science and Management, Murdoch University, Western Australia.
- Office of Best Practice Regulation 2014, *Best Practice Regulation Guidance Note – Value of Statistical Life*, OBPR, Department of the Prime Minister and Cabinet, Canberra.
- Office of Environment and Heritage n.d.a, *Warragamba Dam - Haveland Park*, OEH, Sydney, viewed 3 May 2018, <<https://www.environment.nsw.gov.au/heritageapp/ViewHeritageItemDetails.aspx?ID=5051483>>.
- Office of Environment and Heritage n.d.b, *Warragamba Emergency Scheme*, OEH, Sydney, viewed 3 May 2018, <<https://www.environment.nsw.gov.au/heritageapp/ViewHeritageItemDetails.aspx?ID=5051484>>.
- Office of Environment and Heritage n.d.c, *Warragamba Supply Scheme*, OEH, Sydney, viewed 3 May 2018, <<https://www.environment.nsw.gov.au/heritageapp/ViewHeritageItemDetails.aspx?ID=4580161>>.
- Office of Environment and Heritage 2011a, *Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW – Part 6 National Parks and Wildlife Act 1974*, OEH, Sydney.
- Office of Environment and Heritage 2011b, *Management plan for myrtle rust on the national parks estate*, OEH, Sydney.
- Office of Environment and Heritage 2012, *Re-categorisation and Road Adjustment Policy*, OEH, Sydney
- Office of Environment and Heritage 2013a, *Floodplain Management Program Guidelines for voluntary purchase schemes*, OEH, OEH 2013/0055.
- Office of Environment and Heritage 2013b, *Remnant Vegetation of the western Cumberland subregion*
- Office of Environment and Heritage 2014a, *Framework for Biodiversity Assessment*, OEH, Sydney.
- Office of Environment and Heritage 2014b, *Metropolitan Sydney Climate Change Snapshot*, OEH, Sydney.
- Office of Environment and Heritage 2014c, *NSW Biodiversity Offsets Policy for Major Projects*, OEH, Sydney.
- Office of Environment and Heritage 2014d, *NSW Government Resource Efficiency Policy*, OEH, Sydney.
- Office of Environment and Heritage 2015a, *Wild Rivers*, OEH.
- Office of Environment and Heritage 2015b, *The natural vegetation of the St Albans 1:100,000 mapsheet*
- Office of Environment and Heritage 2015c, *Remnant Vegetation of the western Cumberland subregion, 2013 Update. VIS\_ID 4207*: Covers the Western Sydney portion of the study area that occurs from the Warragamba Dam wall in the south-west, to Sackville in the north-east
- Office of Environment and Heritage 2016a, *NSW Climate Change Policy Framework*, OEH, Sydney.
- Office Environment and Heritage 2016b, *NSW Guide to Surveying Threatened Plants*, OEH, Sydney.
- Office of Environment and Heritage 2016c, *Sydney Basin Bioregion*, Office of Environment and Heritage, Sydney, <<https://www.environment.nsw.gov.au/bioregions/SydneyBasinBioregion.htm#>>.
- Office of Environment and Heritage 2018a, *Greater Blue Mountains World Heritage Area Strategic Plan Addendum 2016*, OEH, Sydney.
- Office of Environment and Heritage 2018b, *OEH principles for the use of biodiversity offsets in NSW*, OEH, Sydney, <<https://www.environment.nsw.gov.au/biodivoffsets/oehoffsetprincip.htm>>.
- Office of Environment and Heritage 2018c, *Wild rivers*, OEH, Sydney, <<https://www.environment.nsw.gov.au/topics/parks-reserves-and-protected-areas/types-of-protected-areas/wild-rivers>>.



- Office of Environment and Heritage 2018d, *The natural vegetation of the St Albans 1:100,000 mapsheet*: Covers the study area north of Sackville and along the Colo River
- Office of Environment and Heritage 2019, *Translocation operational policy*, OEH, Sydney.
- Office of NSW Chief Scientist & Engineer 2014, *On measuring the cumulative impacts of activities which impact ground and surface water in the Sydney Water Catchment*, report prepared M. O’Kane for the NSW Government.
- Olley, J. & Wasson, R. 2003, ‘Changes in the flux of sediment in the Upper Murrumbidgee catchment, south eastern Australia, since European settlement’, *Hydrological Processes*, vol. 17, no. 16, pp. 3307–3320.
- Organ, M. 1990, *A Documentary History of the Illawarra & South Coast Aborigines 1770 - 1850, including Chronological Bibliography 1770-1990*, Aboriginal Education Unit, The University of Wollongong, Wollongong.

## P

- PAEHolmes 2013, *Methodology for Valuing the Health Impacts of Changes in Particle Emissions – Final Report*, prepared for NSW Environment Protection Authority.
- Parolin, P. & Wittmann, F. 2010, ‘Struggle in the flood: tree responses to flooding stress in four tropical floodplain systems’, *AoB Plants*, 2010:plq003, doi:10.1093/aobpla/plq003.
- Patterson Britton & Partners and Masson & Wilson, 1997, *Emergency Response Planning and Traffic Infrastructure*, prepared for Hawkesbury-Nepean Flood Management Advisory Committee, September 1997.
- Penrith City Council 2018, *Penrith Community Profile*, Penrith City Council, <[https://www.penrithcity.nsw.gov.au/images/documents/resources-documents/community-info/Penrith\\_Community\\_Profile\\_2018.pdf](https://www.penrithcity.nsw.gov.au/images/documents/resources-documents/community-info/Penrith_Community_Profile_2018.pdf)>.
- Perata, P., Armstong, W., Voesenek, L. 2011, ‘Plants and flooding stress’, *New Phytologist*, vol. 190, no. 2, pp. 269–273.
- Pittock, A.B. 1975, ‘Climate change and the patterns of variation in Australian rainfall’, *Search*, vol. 6, pp. 498–504.
- Purcell, P. 2002, *Aboriginal Cultural Heritage Assessment: NSW Western Regional Assessments, Brigalow Belt South Bioregion (Stage 2)*, report for the Resource and Conservation Assessment Council, NSW National Parks and Wildlife Services.

## R

- Rae, D.J. 2007, *Water Management in South Creek Catchment: Current state, issues and challenges*, report for the Cooperative Research Centre for Irrigation Futures.
- Roads and Maritime Services 2012, *Environmental Direction – Management of Tannins from Vegetation Mulch*, RMS.
- Roads and Maritime Services 2013, *Environmental Planning and Impact Assessment Practice Note: Socio-economic Assessment*, RMS.
- Roads and Maritime Services 2016, *Construction Noise and Vibration Guideline*, RMS, North Sydney, NSW.
- Roads and Maritime Services 2018, *Guideline for landscape character and visual impact assessment – Environmental impact assessment practice note EIA-NO4*, Roads and Maritime Services, Rozelle, NSW.
- Roads and Traffic Authority of NSW 2001, *RTA Environmental Noise Management Manual*, RTA, Surry Hills, Sydney.
- Roads and Traffic Authority of NSW 2002, *Guide to Traffic Generating Developments – Version 2.2*, RTA, Blacktown, NSW.
- Roads and Traffic Authority of NSW 2005, *NSW Bicycle Guidelines Version 1.2*, RTA, Haymarket.
- Roberts, D., Church, A.G. & Cummins, S. 1999, ‘Invasion of Egeria into the Hawkesbury-Nepean River, Australia’, *Journal of Aquatic Plant Management*, no. 37, pp. 31–34.
- Rook, J.J. 1974, ‘Formation of haloforms during chlorination of natural water’, *Water Treatment Examination*, vol. 23, pp. 259–271.
- Rowland, S.J. 1989, ‘Aspects of the history and fishery of the Murray Cod, *Maccullochella peelii* (Mitchell) (Percichthyidae)’, *Proceedings of the Linnaean Society of New South Wales*, vol. 111, pp. 201–213.

Ryan, K., Fisher, M. & Schaeper, L. 1996, 'The natural vegetation of the St Albans 1:100,000 mapsheet', *Cunninghamia*, vol. 4, no. 3, pp. 433–482.

## S

SA Museum n.d., *Tribal Boundaries in Aboriginal Australia*, map prepared by N. Tindale, viewed 12 December 2010, <[http://archives.samuseum.sa.gov.au/tribalmap/html/map\\_L3\\_C1\\_A2.html](http://archives.samuseum.sa.gov.au/tribalmap/html/map_L3_C1_A2.html)>.

Safework NSW 2005, *Code of Practice for Storage and Handling of Dangerous Goods*

Sammut, J. & Erskine, W. 1995, 'Hydrological impacts of flow regulation associated with the Upper Nepean Water Supply Scheme, NSW', *Australian Geographer*, vol. 26, pp. 71–86.

Shaw, J. 1984, *Collins Australian Encyclopedia*, Collins, Sydney.

Sinclair Knight Merz 1998, *Warragamba Dam – Explosives Store and Vehicle Refuelling Area – Left Bank: Remediation Action Plan*, prepared for Sydney Catchment Authority.

Smith, P. & Smith, J. 1996, *Regionally significant wetlands of the Hawkesbury-Nepean River catchment for Sydney Regional Environmental Plan 20*, report prepared for the NSW Department of Urban Affairs and Planning by P & J Smith Ecological Consultants, Leura.

Smith, M.L. 2003, *Aquatic Ecology in Environmental Impact Assessment – EIA Guideline Series*, NSW Department of Planning, Brookvale.

Smith, J. 2008, 'New insights into Gundungurra place naming', in L. Hercus & H.J. Kock (eds), *Aboriginal Placenames Naming and Re-Naming the Australian Landscape*, ANU E-Press, Canberra, pp. 87–114.

Smith, J. 2016, *The Aboriginal people of the Burragarang Valley: 'If we left the valley our hearts would break'*, Blue Mountains Education and Research Trust, Lawson.

Standards Australia 2001, *AS4801 – Occupational Health and Safety Management System*

Strahler, A.N. 1952, 'Dynamic basis of geomorphology', *Geological Society of America Bulletin*, vol. 63, pp. 923–938.

Stricker, J. & Wall, C.A. 1995, *Wetlands of the Nepean-Hawkesbury Catchment*, Sydney Water Corporation, Sydney.

Suddaby, T. & Liew, E. 2008, *Best Practice Management Guidelines for Phytophthora cinnamomi within the Sydney Metropolitan Catchment Management Authority Area*, prepared for the Botanic Gardens Trust, Sydney.

Sydney Catchment Authority 2003, *Warragamba Dam Auxiliary Spillway – Construction Environmental Management Plan Framework*, prepared by Australian Water Technologies & SKM, Sydney.

Sydney Water 1996, *Safeguarding Warragamba Dam: proposed auxiliary spillway*, Sydney Water Corporation Ltd., Sydney.

Sydney Water 2010, *Warragamba Dam 50<sup>th</sup> Anniversary 1960-2010*  
<[https://www.watnsw.com.au/\\_\\_data/assets/pdf\\_file/0010/58447/Warragamba-Dam-50th-anniversary-booklet.pdf](https://www.watnsw.com.au/__data/assets/pdf_file/0010/58447/Warragamba-Dam-50th-anniversary-booklet.pdf)>

Sydney Water 2015, *2014 Sewage Treatment System Impact Monitoring Program Interpretive Report*.

Sydney Water 2016, *Hawkesbury Nepean analysis toolkit*, Sydney Water.

Sydney Water 2017, *Hawkesbury Nepean Water Quality model – Scenario Modelling Guidelines*, Sydney Water.

Sydney Water 2019, *Hawkesbury Nepean analysis toolkit*, Sydney Water.

## T

Taylor-Wood, E. 2002, *Aquatic macrophytes of the Hawkesbury-Nepean Shoalhaven and Wingecarribee Rivers: Field notes*, prepared for the Hawkesbury-Nepean River Management Forum.

Taylor-Wood, E. 2003, *Management options for Egeria densa and Elodea canadensis*, prepared for the Hawkesbury-Nepean River Management Forum.

- Taylor-Wood, E. & Warner, R. 2003, *Hawkesbury-Nepean River Management Forum: Regionally Significant Wetlands and Environmental Flows*, prepared for Independent Expert Panel on Environmental Flows for the Hawkesbury Nepean, Shoalhaven and Woronora Catchments.
- The Stafford Group 2017, *Hawkesbury Destination Management Plan & Action Plan 2017 – 2021*, prepared for Destination NSW, Potts Point, NSW.
- Thiebaud, I. & Williams, R. 2007, *Distribution of freshwater macrophytes in the Hawkesbury Nepean River from Warragamba Dam to Wisemans Ferry*, NSW Department of Primary Industries, Port Stephens Fisheries Centre, Nelson Bay.
- Tindale, N.B. 1940, 'Results of the Harvard-Adelaide Universities Anthropological Expedition, 1938-1939: Distribution of Australian Aboriginal Tribes: A Field Survey', *Transactions of the Royal Society of South Australia*, vol. 64, no. 1, pp. 140–231.
- Tindale, N.B. 1974, *Aboriginal Tribes of Australia: Their Terrain, Environmental Controls, Distribution, Limits, and Proper Names*, Australian National University Press, Canberra.
- Tozer, M.G., Turner, K., Keith, D.A., Tindall, D., Pennay, C., Simpson, C., MacKenzie, B., Beukers, P. & Cox, S. 2010, 'Native vegetation of southeast NSW: a revised classification and map for the coast and eastern tablelands', *Cunninghamia*, vol. 11, no. 2, pp. 359–406.
- Transport for NSW 2013, *NSW Sustainable Design Guidelines – Version 3.0*, TfNSW, Haymarket, NSW.
- Transport for NSW 2016b, *Principles and Guidelines for Economic Appraisal of Transport Investment and Initiatives – Transport Economic Appraisal Guidelines*, TfNSW.
- Transport for NSW 2017a, *Construction Noise Strategy*, TfNSW.
- Transport for NSW 2017b, *Sustainable Design Guidelines – Version 4.0*, TfNSW, Chippendale.
- Tweedley, J.R., Hallett, C.S. & Beatty, S.J. 2017, 'Baseline survey of the fish fauna of a highly eutrophic estuary and evidence for its colonisation by Goldfish (*Carassius auratus*)', *International Aquatic Research*, vol. 9, no. 3, pp. 259–270.

## U

- Umwelt 2019
- United Nations Educational, Scientific and Cultural Organisation n.d.a, *Australian Convict Sites*, UNESCO, <<https://whc.unesco.org/en/list/1306/>>.
- United Nations Educational, Scientific and Cultural Organisation n.d.b, *The Criteria for Selection*, UNESCO, <<https://whc.unesco.org/en/criteria/>>.
- United Nations Educational, Scientific and Cultural Organisation n.d.c, *The World Heritage Convention*, UNESCO, <<https://whc.unesco.org/en/convention/>>.
- United Nations Educational, Scientific and Cultural Organisation 1972, *Convention Concerning the Protection of the World Cultural and Natural Heritage*, UNESCO.
- Urban Research and Planning 2015, *Hawkesbury District: Richmond - Windsor Traffic Issues Paper*, prepared by K. Tara for Roads and Maritime Services.

## V

- Vanclay, F., Esteves, A.M., Aucamp, I. & Franks, D. 2015, *Social Impact Assessment: guidance for assessing and managing the social impacts of projects*, report prepared for the International Association for Impact Assessment
- Voesenek, L. & Bailey-Serres, J. 2015, 'Flood adaptive traits and processes: an overview', *New Phytologist*, vol. 206, no. 1, pp. 57–73.



## W

- Warner R.F. 1987, The impacts of alternating flood- and drought-dominated regimes on channel morphology at Penrith, New South Wales, Australia. In: *The influence of climate change and climatic variability on the hydrologic regime and water resources*. International Association of Hydrological Sciences Publication, **168**, 327–338.
- Warner, R.F. 1995, 'Predicting and managing channel change in southeast Australia', *Catena*, vol. 25, no. 1–4, pp. 403–418.
- Warner, R. 2002, *Hawkesbury-Nepean River Reaches – Geomorphology and Human Impacts*, Hawkesbury-Nepean River Management Forum.
- Warner, R. F. 2014, 'Environmental flows in two highly regulated rivers: the Hawkesbury Nepean in Australia and the Durance in France', *Water and Environment Journal*, vol. 28, no. 3, pp. 365–381.
- Wasson, R., Mazari, R., Starr, B. & Clifton, G. 1998, 'The recent history of erosion and sedimentation on the Southern Tablelands of south eastern Australia: sediment flux dominated by channel incision', *Geomorphology*, vol. 24, pp. 291–308.
- WaterNSW n.d.a, *Warragamba Catchment*, Parramatta, <<https://www.watarnsw.com.au/water-quality/catchment/sub-catchment/warragamba>>.
- WaterNSW n.d.b, *Warragamba Dam – Australia's largest urban water supply dam*, Parramatta, <<https://www.watarnsw.com.au/supply/visit/warragamba-dam>>.
- WaterNSW 2015a, *Dams of Greater Sydney and Surrounds: Warragamba*, brochure, WaterNSW, Penrith.
- WaterNSW 2015b, *Greater Sydney's Water Supply System Yield*, Sydney.
- WaterNSW 2016, *Warragamba Dam Raising Preliminary Environmental Assessment*, prepared by BMT WBM Pty Ltd, Sydney.
- WaterNSW 2019, *Sydney Catchment Area Annual Water Quality Monitoring Report 2018–2019*, WaterNSW, Parramatta.
- WaterNSW & Office of Environment and Heritage 2015, *Special Areas Strategic Plan of Management 2015*, WaterNSW & OEH.
- Webb Mckeown and Associates Pty Ltd 1997, *Engineering Studies to Modify Flood Behaviour*, prepared for Hawkesbury-Nepean Flood Management Advisory Committee.
- Wentworth Healthcare 2017, *2016/2017 Needs Assessment*, Wentworth Healthcare, Kingswood, <[https://www.nbmphn.com.au/Resources/About/130\\_0217-Needs-Assessment-A4\\_FINAL\\_WEB.aspx](https://www.nbmphn.com.au/Resources/About/130_0217-Needs-Assessment-A4_FINAL_WEB.aspx)>.
- Wilkinson, S., Wallbrink, P., Shakesby, R., Blake, W. & Doerr, S. 2007, *Impacts on water quality by sediments and nutrients released during extreme bushfires: Summary of findings*, CSIRO Land and Water Science Report 38/07, report prepared for the Sydney Catchment Authority.
- Williams, R. 1914, 'My Recollections', in C. Camden (ed), *News*, published by The Oaks Historical Society in 1991.
- WMAwater 2013, *Hawkesbury Nepean Flood Study Report*.
- WMAwater 2018, *Draft Hawkesbury-Nepean Valley Regional Flood Study*, prepared for Infrastructure NSW, Sydney.
- WMAwater 2019, *Hawkesbury-Nepean Valley Regional Flood Study*, prepared for Infrastructure NSW, Sydney.
- WMAwater 2020, *Warragamba Dam EIS Chapter* (prepared for WaterNSW)
- Wollondilly Health Alliance 2014, *Wollondilly Health Needs Assessment – Final Report*, prepared by C. Manning & L. Grieg, Elton Consulting, for Wollondilly Health Alliance, Bondi Junction.
- Wollondilly Shire Council 2015, *Development Control Plan 2016*, Wollondilly Shire Council, Picton.
- Woolfrey, A. R. & Ladd, P.G. 2001, 'Habitat preference and reproductive traits of a major Australian riparian tree species (*Casuarina cunninghamiana*)', *Australian Journal of Botany*, vol. 49, pp. 705–715.
- World Health Organisation 2008, *Guidelines for Drinking-water Quality: third edition incorporating the first and second addenda*, 3rd ed and 1st and 2nd add, WHO, Geneva.

WorleyParsons 2012, *Hawkesbury River Dredging Investigations Summary Report*, prepared for Hawkesbury City Council.

## Y

Yeo, S., Bewsher, D., Robinson, J. & Cinque, P. 2017, 'The June 1867 floods in NSW: causes, characteristics, impacts and lessons', paper presented to *2017 Floodplain Management Australia National Conference*.

Young, W.J., Brock, M.A., Chessman, B.C., Gehrke, P.C., Maher, W.A., Marr, A., Olley, J.M. & Warner, R.F. 2000, *Assessment of river condition under the current flow regime and proposed flow regimes in the Cocks River, New South Wales*, a consultancy report to the New South Wales Department of Land and Water Conservation, CSIRO Land and Water Consultancy Report 00-23.

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