

Planning Secretary's Environmental Assessment Requirements



Clara Energy – Project Rosedale

Application Number	SSD-60657974
Project Name	Clara Energy Project Rosedale – Hydrogen Facility
Development	<p>Construction and operation of a green hydrogen production facility with a capacity to produce up to 25 tonnes of hydrogen per day using electrolysis, comprising:</p> <ul style="list-style-type: none"> hydrogen production, liquefaction, compression, storage and wholesale distribution 250 megawatt solar farm water treatment plant supplementary power supply (grid connection and battery energy storage system) site establishment works ancillary infrastructure site access upgrades and internal roads.
Location	232 Rosedale Road, Mundarlo, in the Cootamundra-Gundagai local government area
Applicant	Clara Energy Pty Ltd
Date of Issue	24 August 2023
General Requirements	<p>The Environmental Impact Statement (EIS) for the development must</p> <ul style="list-style-type: none"> comply with these assessment requirements meet the form and content requirements in sections 190 and 192 of the Environmental Planning and Assessment Regulation 2021 (the Regulation) have regard to the Department's <i>State Significant Development Guidelines (2021)</i>. <p>In addition, the EIS must include:</p> <ul style="list-style-type: none"> a clear comprehensive description of the proposal for the site, including details of all activities and processes proposed to be carried out as part of the development consideration of issues discussed in the public authority responses to request for key issues (see Attachment 2) a detailed assessment of the key issues specified below, including: <ul style="list-style-type: none"> a description of the existing environment, using sufficient baseline data an assessment of the potential impacts of all stages and activities that form part of the development, including any cumulative impacts, taking into consideration relevant guidelines, policies, plans and statutes (see Attachment 1) a description of the measures that would be implemented to avoid, minimise, mitigate and if necessary, offset the potential impacts of the development, including proposals for adaptive management and/or contingency plans to manage significant risks to the environment. <p>The EIS must also be accompanied by:</p> <ul style="list-style-type: none"> high quality files of maps and figures of the subject site and proposal a report providing a detailed calculation of the capital investment value (CIV) (as defined in Schedule 7 of the Regulation) of the proposal. The CIV report must: <ul style="list-style-type: none"> be prepared by an AIQS Certified Quantity Surveyor or RICS Chartered Quantity Surveyor

	<ul style="list-style-type: none"> – include details of all assumptions and components from which the CIV calculation is derived – include certification from the Quantity Surveyor that the report has been prepared having regard to the Department’s Planning Circular PS 21-020 ‘Calculation of capital investment value’ and all components costed are consistent with the project description and all proposed works for which consent is being sought as described in the EIS • an estimate of the retained and new jobs that would be created during the construction and operational phases of the development, including details of the methodology to determine the figures provided • certification that the information provided is accurate at the date of preparation • a declaration from a Registered Environmental Assessment Practitioner that your EIS includes the information specified in the Department’s <i>Registered Environmental Assessment Practitioner Guidelines</i>.
Key issues	<p>The EIS must address the following specific matters:</p> <ul style="list-style-type: none"> • Statutory and Strategic Context – including: <ul style="list-style-type: none"> – justification for the proposal and the suitability of the site having regard to potential land use conflicts with existing and future surrounding land uses – detailed justification that the proposed land use is permissible with consent – details of any proposed consolidation or subdivision of land – a detailed description of the history of the site, including the relationship between the proposed development and all development consents and approved plans previously and/or currently applicable to the site – demonstration that the proposal is consistent with all relevant planning strategies, environmental planning instruments, adopted precinct plans, draft district plan(s) and adopted management plans and justification for any inconsistencies. This includes, but is not limited to: <ul style="list-style-type: none"> ○ State Environmental Planning Policy (Biodiversity and Conservation) 2021 ○ State Environmental Planning Policy (Industry and Employment) 2021 ○ State Environmental Planning Policy (Planning Systems) 2021 ○ State Environmental Planning Policy (Precincts – Regional) 2021 ○ State Environmental Planning Policy (Primary Production) 2021 ○ State Environmental Planning Policy (Resilience and Hazards) 2021 ○ State Environmental Planning Policy (Sustainable Buildings) 2022 ○ State Environmental Planning Policy (Transport and Infrastructure) 2021 ○ NSW Hydrogen Strategy ○ Riverina - Murray Regional Plan 2041 ○ Cootamundra – Gundagai Community Strategic Plan 2022: Our Place Our Future ○ Cootamundra – Gundagai Regional Council: Rural Lands Strategy ○ Cootamundra Local Environmental Plan 2013 ○ Gundagai Local Environmental Plan 2011. • Community and Stakeholder Engagement – a community and stakeholder engagement strategy consistent with the Department’s <i>Undertaking Engagement Guidelines for State Significant Projects</i> for all stages of the development, including (but not limited to): <ul style="list-style-type: none"> – details of how issues raised, and feedback provided during engagement activities have been considered and responded to in the development – details of the proposed approach to future community and stakeholder engagement based on the results of consultation. • Hazards and Risk – a comprehensive Quantitative Risk Assessment (QRA), covering all aspects of the development, to be prepared in accordance with <i>Hazardous Industry Planning Advisory Paper No. 6 – Guidelines of Hazard Analysis</i> (DPE, 2011). The QRA must include: <ul style="list-style-type: none"> – identification of all potential hazards and associated control measures during operation of the development, including (but not limited to):

	<ul style="list-style-type: none"> ○ the manufacturing and storage (temporary and permanent) of gaseous hydrogen within the site boundary, including any associated pipework ○ hydrogen liquefaction and compression, including hazards associated with storage and handling of liquefied hydrogen ○ hydrogen refuelling, including loading and unloading of gaseous and liquefied hydrogen, and any temporary storage of liquefied hydrogen from bulk tankers temporarily parked on the site ○ storage and handling of dangerous goods associated with the development, such as dangerous goods used in the water treatment process or refrigeration process ○ impacts associated with bush fire hazards to and from the development - identification of all relevant international and/or Australian standards and/or critical safety mitigation measures to safeguard the identified potential hazards - identification of all mitigation measures where the consequence of hydrogen release incidents may affect the on-site critical assets and/or extend beyond the site boundary - an estimate of the cumulative risks from the proposal, including consideration of the worst-case scenarios from all identified potential hazards that may result in an off-site impact or propagation impact to on-site critical assets. The cumulative quantitative risk assessment must: <ul style="list-style-type: none"> ○ use a vendor design for a similar facility, in particular the liquefaction plant, if the proposed design has not been developed in detail. If a specific vendor is not selected, a conservative design is to be selected from the proposed vendors for the quantitative risk assessment ○ consider the potential risk from release of gaseous or liquified hydrogen, including: <ul style="list-style-type: none"> ➢ the risk from detonation ➢ sensitivity analysis on releases of liquified hydrogen in extreme temperatures based on historical records in the area ○ consider the propagation risk between the critical assets that will handle gaseous or liquefied hydrogen. If a separation distance between critical assets is required, the analysis must also demonstrate the area designated for individual assets is adequate ○ consider the propagation risks to and from neighbouring on-site and off-site facilities/equipment, including, but not limited to, the location of the battery energy storage system, solar farm or any electrical or pipeline infrastructure (if any) - where activities are predicted to result in on-site impact only, the associated consequence distances are to be reported to demonstrate the development would not result in any off-site impact - report on consultation outcomes with EPA and Transport of NSW in relation to the suitability of prime movers and liquid hydrogen bulk tankers proposed to be used for the development - demonstration that the risks from the project comply with the criteria set out in <i>Hazardous Industry Planning Advisory Paper (HIPAP) No. 4 – Risk Criteria for Land Use Safety Planning</i> (DoP, 2011). ● Biodiversity – a Biodiversity Development Assessment Report (BDAR) using the Biodiversity Assessment Method in accordance with the <i>Biodiversity Conservation Act 2016</i>, including: <ul style="list-style-type: none"> - a detailed description of the existing environment, including threatened species habitat not associated with vegetation communities - an assessment of the impacts of all stages of the development, including all ancillary infrastructure associated with the project such as roads, water and power supplies, and Rural Fire Service requirements for asset protection - details of all targeted surveys for present and assumed present species.
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	<ul style="list-style-type: none"> • Visual - visual impact assessment (including photomontages and perspectives) of the development layout and design (buildings, storage areas and solar arrays), including: <ul style="list-style-type: none"> • details of staging, site coverage, setbacks, open space, landscaping, height, colour, scale, building materials and finishes, signage and lighting, particularly in terms of potential impacts on: <ul style="list-style-type: none"> ○ nearby public and private receivers ○ significant vantage points in the broader public domain • an assessment of the likely visual impacts of the solar farm in accordance with the <i>Large-Scale Solar Energy Guideline</i> and the <i>Technical Supplement – Landscape and Visual Impact Assessment</i>, including a glint and glare assessment • details of measures to mitigate and/or manage potential impacts, including a draft landscaping plan for on-site perimeter planting, with evidence the plan has been developed in consultation with affected landowners. • Traffic and Transport – a quantitative traffic impact assessment prepared in accordance with relevant Roads and Maritime Services and Austroads guidelines, that includes: <ul style="list-style-type: none"> – details of all daily and peak traffic volumes likely to be generated during all key stages of construction, operation and decommissioning, including a description of key access / haul routes, vehicle types and potential queuing impacts – an assessment of the predicted impacts of this traffic on road safety and the capacity of the road network, including consideration of cumulative traffic impacts on existing performance levels of nearby intersections, using a calibrated SIDRA (or similar) traffic model – plans demonstrating how all vehicles likely to be generated during construction and operation and awaiting loading, unloading or servicing can be accommodated on the site to avoid queuing on the road network – details and plans of the internal road network and on-site parking in accordance with the relevant Australian Standards – details of the largest vehicle anticipated to access and move within the site, including swept path diagrams depicting vehicles entering, exiting and manoeuvring throughout the site – details of road upgrades, infrastructure works or new roads or access points required for the development if necessary, including strategic concept designs for any upgrades required to Rosedale Road or the median crossover on the Hume Highway and road maintenance contributions – details of the potential for oversize and over mass (OSOM) vehicle movements, including the type of OSOM vehicles proposed to be used and return routes. Where OSOM movements are likely to occur, a concept-level route analysis is required – a draft construction schedule for all stages of construction. • Soils and Contamination – a geotechnical assessment that includes: <ul style="list-style-type: none"> – an assessment of potential impacts on soil resources and riparian land on and near the site, including soil erosion, salinity and acid sulfate soils, including consideration of cumulative impacts with any other nearby large-scale developments – a site contamination assessment in accordance with the <i>Managing Land Contamination Planning Guidelines: SEPP 55 – Remediation of Land (DUAP, 1998)</i>, including characterisation of the nature and extent of any contamination on the site and surrounding area. • Water – a surface water and groundwater assessment that includes: <ul style="list-style-type: none"> – an assessment of potential surface and groundwater impacts associated with the development, including potential impacts on watercourses, riparian areas, existing on-site dams, groundwater, and groundwater-dependent communities nearby, including the Murrumbidgee River and its tributaries – details of proposed surface water and groundwater mitigation, management and monitoring measures and methodologies
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	<ul style="list-style-type: none"> - description of the proposed erosion and sediment controls during construction - a detailed site water balance including a description of the water demands and breakdown of water supplies, and any water licensing requirements - a description of any water supply arrangements with relevant water authorities, including Wagga Wagga City Council and Riverina Water - a description of the measures to minimise water use - details of the proposed stormwater/wastewater drainage design including the capacity of onsite detention system(s), onsite sewage management and measures to treat, reuse or dispose of water - characterisation of water quality at the point of discharge to surface and/or groundwater against the relevant water quality criteria - a detailed flooding assessment, including an assessment of flood risk on and off the site using an appropriate flood model in accordance with the Department's guideline <i>Flood Impact and Risk Assessment</i> (DPE, 2023). • Agriculture – an agricultural impact assessment, including: <ul style="list-style-type: none"> - an assessment of the impacts associated with the solar farm in accordance with the <i>Large-Scale Solar Energy Guidelines</i> (DPE, 2022) - a land use conflict risk assessment in accordance with the Department of Industry's <i>Land Use Conflict Risk Assessment Guide</i>, having regard to potential impacts on agricultural land, irrigation infrastructure, travelling stock routes and reserves, Crown land and Aboriginal Land Claims - consideration of options for incorporating relevant infrastructure for agrivoltaics during design and construction - a decommissioning and rehabilitation management plan that details how the land will be returned to agricultural production following decommissioning of the development. • Noise and Vibration – a quantitative noise and vibration impact assessment undertaken by a suitably qualified acoustic consultant in accordance with the relevant Environment Protection Authority guidelines and Australian Standards which includes: <ul style="list-style-type: none"> - the identification of impacts associated with construction, site emission and traffic generation at noise affected sensitive receivers, including the provision of operational noise contours and a detailed sleep disturbance assessment - details of noise monitoring survey, background noise levels, noise source inventory and 'worst case' noise emission scenarios - consideration of annoying characteristics of noise and prevailing meteorological conditions in the study area - a cumulative impact assessment inclusive of impacts from other developments - details and analysis of the effectiveness of proposed management and mitigation measures to adequately manage identified impacts, including a clear identification of residual noise and vibration following application of mitigation these measures and details of any proposed compliance monitoring programs. • Health – an assessment of potential hazards and risks, including but not limited to fires, spontaneous ignition, electromagnetic fields or the proposed grid connection infrastructure against the <i>International Commission on Non-Ionizing Radiation Protection (ICNIRP) Guidelines for Limiting Exposure to Time-varying Electric, Magnetic and Electromagnetic Fields</i> (ICNIRP, 1998). • Air Quality and Odour – a quantitative assessment of the potential air quality, dust and odour impacts of the development (construction and operation) on surrounding landowners, businesses and sensitive receptors, in accordance with relevant Environment Protection Authority guidelines, including: <ul style="list-style-type: none"> - details of proposed mitigation, management and monitoring measures. • Infrastructure Requirements – an infrastructure delivery, management and staging plan that includes: <ul style="list-style-type: none"> - an assessment of impacts of the development on existing utility infrastructure and service provider assets surrounding the site
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	<ul style="list-style-type: none"> - a detailed written and/or graphical description of infrastructure required on the site, including any electrical substation/s and on-site switch yard/s - details of the existing capacity of the site to service the proposed development and any extension or augmentation, property tenure or staging requirements for the provision of utilities, including arrangements for electrical network requirements, drinking water, wastewater and recycled water - a description of how any upgrades will be co-ordinated, funded and delivered on time and be maintained to facilitate the development - identification of any existing infrastructure or easements on or off the site which may be impacted by construction or operation of the development and details of measures to be implemented to address any impacts. ● Bush Fire – a bush fire assessment report that addresses the aims and objectives of <i>Planning for Bushfire Protection 2019</i>, and includes: <ul style="list-style-type: none"> - details of proposed operational access for emergency services personnel - details of emergency and evacuation arrangements for occupants/visitors - a Bush Fire Emergency Management and Evacuation Plan prepared in accordance with relevant RFS guidance. ● Waste – including: <ul style="list-style-type: none"> - details of the quantities and classification of all waste streams to be generated on site during the development - details of waste storage, handling and disposal during the development - details of the measures that would be implemented to ensure that the development is consistent with the aims, objectives and guidance in the <i>NSW Waste and Sustainable Materials Strategy 2041</i>. ● Greenhouse Gas and Energy Efficiency – including an assessment of the energy use of the proposal and all reasonable and feasible measures that would be implemented on site to minimise the proposal’s greenhouse gas emissions (reflecting the Government’s goal of net zero emissions by 2050). ● Aboriginal Cultural Heritage – an Aboriginal Cultural Heritage Assessment Report (ACHAR) prepared in accordance with the <i>Code of Practice for Archaeological Investigation in NSW</i> (DECCW 2010), and guided by the <i>Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in New South Wales</i> (OEH 2011). ● Non-Aboriginal Cultural Heritage – a non-Aboriginal cultural heritage assessment (including both cultural and archaeological significance) which must detail potential impacts on heritage assets and any proposed management and mitigation measures. ● Social – including a social impact assessment in accordance with the Department’s <i>Social Impact Assessment Guideline</i>, including a construction workforce accommodation strategy having regard to the requirements of the <i>Riverina - Murray Regional Plan 2041</i>. ● Economic – including an analysis of any potential economic impacts of the development, including a discussion of any potential economic benefits to the local and broader community. ● Ecologically Sustainable Development – including: <ul style="list-style-type: none"> - a description of how the proposal will incorporate the principles of ecologically sustainable development in the design, construction and ongoing operation of the development - a life cycle analysis in accordance with international standards <i>ISO 14040:2006 and ISO 14044:2006 – Environmental Management – Life Cycle Assessment – Principles and Framework</i> - a description of the measures to be implemented to minimise consumption of resources, especially energy and water. ● Planning Agreement/Development Contributions – demonstration that satisfactory arrangements have been or would be made to provide, or contribute to the provision of, necessary local infrastructure required to support the development.
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Consultation	<p>During the preparation of the EIS, you must consult with the relevant local, State or Commonwealth Government authorities, service providers, community groups and affected landowners.</p> <p>In particular you must consult with:</p> <ul style="list-style-type: none"> • Cootamundra-Gundagai Regional Council • Wagga Wagga City Council • Department of Planning and Environment, specifically the: <ul style="list-style-type: none"> ○ Environment and Heritage Group ○ Water Group ○ Environment Protection Authority ○ National Parks and Wildlife Services ○ Crown Lands Division • Heritage NSW • Department of Regional NSW, specifically: <ul style="list-style-type: none"> ○ Department of Primary Industries – Agriculture ○ Department of Primary Industries - Fisheries ○ Regional NSW Group ○ Local Land Services • Transport for NSW • Fire & Rescue NSW • NSW Health • NSW Rural Fire Service • SafeWork NSW • Riverina Water • surrounding local landowners, businesses and stakeholders • local and regional community and environmental groups • Local Aboriginal Land Council • any other public transport, utilities or community service providers. <p>Consultation with government authorities may be carried out using the Major Projects Portal for those government authorities registered in the Portal.</p>
SEARs Expiry	SEARs will expire two years after the date of issue (or the date they were last modified).
References	The assessment of the key issues listed above must take into account relevant guidelines, policies, and plans as identified. While not exhaustive, Attachment 1 contains a list of some of the guidelines, policies, and plans that may be relevant to the environmental assessment of this proposal.

ATTACHMENT 1

Technical and Policy Guidelines

The following guidelines may assist in the preparation of the environmental impact statement. This list is not exhaustive and not all of these guidelines may be relevant to your proposal.

Many of these documents can be found on the following websites:

<https://www.planningportal.nsw.gov.au/major-projects/assessment/policies-and-guidelines>

<http://www.australia.gov.au/publications>

<http://www.epa.nsw.gov.au/>

<http://www.environment.nsw.gov.au/>

<http://www.dpi.nsw.gov.au/>

Policies, Guidelines & Plans

Aspect	Policy / Methodology
State Significant Development Guidelines	
	State Significant Assessment Guidelines (DPIE, 2021)
	Undertaking Engagement Guide – Guidance for State Significant Projects (DPIE, 2021)
	Cumulative Impact Assessment Guidelines for State Significant Projects (DPIE, 2021)
Air Quality	
	Protection of the Environment Operations (Clean Air) Regulation 2022
Air Quality	Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales (EPA, 2022)
	Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales (EPA, 2022)
Odour	Assessment and Management of Odour from Stationary Sources in NSW (DEC 2006)
	AGO Factors and Methods Workbook (AGO, 2018)
	Guidelines for Energy Savings Action Plans (DEUS, 2005)
Greenhouse Gas	National Greenhouse and Energy Reporting Scheme Measurement, Technical Guidelines for the estimation of emissions by facilities in Australia (Department of the Environment and Energy (DoEE), 2017)
	National Greenhouse Accounts Factors (DoEE, 2019)
Biodiversity	
	<i>Biodiversity Conservation Act 2016</i>
	Biodiversity Assessment Method (EES, 2021)
	Guidelines for Controlled Activities on Waterfront Land (NRAR, 2018)
	Developments adjacent to National Parks and Wildlife Service lands (DPIE, 2020)
Bush Fire	
	Planning for Bush Fire Protection (RFS, 2019)
Climate Change	
	EPA Climate Change Policy (EPA, 2023)
	Net Zero Plan Stage 1: 2020-2030 (DPIE, 2020)
Design Quality	
	Greener Places (Government Architect NSW, 2020)
	Better Placed (Government Architect NSW, 2017)

Policies, Guidelines & Plans	
Aspect	Policy / Methodology
	NSW SDRP: Guidelines for Project Teams (GANSW Advisory Note, V3 2522/2020)
Fire Safety	Fire Safety Guidelines – Fire Safety in Waste Facilities (FRNSW, 2020)
Flooding	Flood Impact and Risk Assessment Flood Risk Management Guide (LU01) (DPE, 2022) Department of Planning and Environment Flood Risk Management Toolkit – https://www.environment.nsw.gov.au/topics/water/floodplains/floodplain-guidelines
Hazards and Risk	State Environmental Planning Policy (Resilience and Hazards) 2021 Applying SEPP 33 – Hazardous and Offensive Development Application Guidelines (DoP, 2011) Assessment Guideline: Multi-level Risk Assessment (Planning and Infrastructure, 2011)
Heritage	<i>Heritage Act 1977</i>
Non-Aboriginal Heritage	NSW Heritage Manual (HO and DUAP, 1996) The Burra Charter (ICOMOS Australia, 2013) Statements of Heritage Impact (HO and DUAP, 2002)
Aboriginal Heritage	Code of Practice for the Archaeological Investigation of Aboriginal Objects in New South Wales (DECCW, 2010) Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW (DECCW, 2011) Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010 (DECCW, 2010)
Human Health Risk	Environmental Health Risk Assessment: Guidelines for assessing human health risks from environmental hazards (enHealth, 2012)
Noise and Vibration	Approved methods for measurement and analysis of environmental noise in NSW (EPA, 2022) Acoustics – Description and measurement of environmental noise (AS1055:2018) Noise Policy for Industry (EPA, 2017) NSW Road Noise Policy (DECCW, 2011) Noise Criteria Guideline (RMS, 2015) Noise Mitigation Guideline (RMS, 2015) Interim Construction Noise Guideline (DECC, 2009) Assessing Vibration: A Technical Guide (DEC, 2006) Noise Guide for Local Government (EPA, 2013)
Social	Social Impact Assessment Guideline for State Significant Projects (DPIE, 2021)

Policies, Guidelines & Plans	
Aspect	Policy / Methodology
Soils and Water	
Erosion and Sediment	Managing Urban Stormwater: Soils & Construction (Landcom, 2004)
	Soil and Landscape Issues in Environmental Impact Assessment (DLWC, 2000)
	Wind Erosion – 2 nd Edition (DIPNR, 2003)
Groundwater	National Water Quality Management Strategy Guidelines for Groundwater Protection in Australia (ARMCANZ/ANZECC, 2000)
	NSW State Groundwater Policy Framework Document (DLWC, 1997)
	NSW Aquifer Interference Policy (NOW, 2012)
	Water Sharing Plan for the Greater Metropolitan Region Groundwater Sources (NOW, 2011)
	Storing and Handling Liquids: Environmental Protection (DECC, 2007)
Stormwater	Managing Urban Stormwater: Strategic Framework. Draft (EPA, 1996)
	Managing Urban Stormwater: Council Handbook. Draft (EPA, 1997)
	Managing Urban Stormwater: Treatment Techniques (DEC, 2006)
	Managing Urban Stormwater: Source Control. Draft (EPA, 1998)
	Managing Urban Stormwater: Harvesting and Reuse (DEC, 2006)
Wastewater	National Water Quality Management Strategy: Guidelines for Sewerage Systems – Effluent Management (ARMCANZ/ANZECC, 1997)
	National Water Quality Management Strategy: Guidelines for Sewerage Systems – Use of Reclaimed Water (ARMCANZ/ANZECC, 2000)
	National Water Quality Management Strategy – Guidelines for Water Recycling: Managing Health and Environmental Risks (Phase 1) (EPHC, NRMCC & AHMC, 2006)
	National Water Quality Management Strategy – Guidelines for Water Recycling: Managing Health and Environmental Risks (Phase 2) (EPHC, NRMCC & AHMC, 2009)
Contamination	State Environmental Planning Policy (Resilience and Hazards) 2021
	Managing Land Contamination Planning Guidelines, SEPP 55 – Remediation of Land (DUAP & EPA, 1998)
	Consultants reporting on contaminated land: Contaminated Land Guidelines (EPA, 2020)
Solar	
	Large-Scale Solar Energy Guideline (DPE, 2022)
	Technical Supplement – Landscape and Visual Impact Assessment (DPE, 2022)
Traffic, Transport and Access	
	<i>Roads Act 1993</i>
	State Environmental Planning Policy (Transport and Infrastructure) 2021
	Guide to Traffic Generating Development (RTA, 2002 as updated)
	Road Design Guide (RMS, 2015-2017)
	Guide to Traffic Management – Pt 12: Traffic Impacts of Development (Austroads, 2016)
	Guidelines for Planning and Assessment of Road Freight Access in Industrial Areas (Austroads, 2014)
	Bicycle Parking Facilities: Guidelines for Design and Installation (AS 2890.3:2015)

Policies, Guidelines & Plans

Aspect	Policy / Methodology
	Integrated Public Transport Service Planning Guidelines: Sydney Metropolitan Area (TfNSW, 2013)
	Future Transport Strategy 2056 (TfNSW, 2018)
	Greater Sydney Services and Infrastructure Plan (TfNSW, 2018)
	NSW Freight & Ports Plan 2018-2023 (TfNSW, 2018)
Upper Canal and Warragamba Pipeline Corridors	
	Guidelines for Development Adjacent to the Upper Canal and Warragamba Pipelines (WaterNSW, 2018)
Visual	
	Control of Obtrusive Effects of Outdoor Lighting (AS 2482)
Waste	
	NSW Waste and Sustainable Material Strategy 2041 (EPA, 2021)
	NSW Plastics Action Plan (EPA, 2021)
	NSW Energy from Waste Policy Statement (EPA, 2021)
	NSW Energy from Waste Infrastructure Plan (2021)
	The National Waste Policy: Less Waste More Resources 2018
	Waste Classification Guidelines (EPA, 2014)
	Environmental guidelines: Composting and Related Organics Processing Facilities (DEC, 2004)
	Environmental guidelines: Use and Disposal of Biosolid Products (EPA, 1997)
	Composts, soil conditioners and mulches (Standards Australia, AS 4454)
	Standards for Managing Construction Waste in NSW (EPA, 2018)

ATTACHMENT 2
Government Authority Advice