



Shoalhaven Water

Bendeela

Review of Environmental Factors

June 2021

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- Appendix A – Consideration of clause 228 (2) factors and matters of national environmental significance
- Appendix B – Likelihood of occurrence
- Appendix C – Database searches

1. Introduction

1.1 The proposal

Shoalhaven Water proposes to construct a new reservoir and associated interconnection works at the Bendeela Water Treatment Plant (WTP), located at Jacks Corner Road, Kangaroo Valley (refer to Figure 1.1) (the proposal). The proposal is required to increase the holding capacity of the existing WTP to achieve the required chlorine contact times for water disinfection and secure the water supply for Kangaroo Valley. The proposal would be a concrete reservoir designed to have a minimum capacity of 0.5 megalitres with a top water level of 185.11 metres Australian Height Datum (AHD) to match the existing Bendeela reservoir. The proposal would also include the relocation of existing water services to a nearby WaterNSW camping ground and the replacement of existing site fencing with new high security fencing around the perimeter of the new reservoir site.

For the purposes of this REF, the following definitions are used:

- The 'proposal' or 'proposal site' - refers to the construction of the new Bendeela Reservoir, associated interconnection works and the area required for the construction of the proposal, including construction vehicle access. It includes the construction footprint, site compound, stockpile sites and any areas that would be disturbed (refer to Figure 1.1).
- The 'study area' refers to the proposal site and any additional areas which are likely to be affected by the proposal, either directly or indirectly. Generally, the study area includes the area up to 500 metres from the proposal site.
- The 'locality' refers to the area within a 10 kilometre radius of the proposal.

1.2 Purpose of this report

This review of environmental factors (REF) has been prepared by GHD Pty Ltd (GHD) on behalf of Shoalhaven Water to assess the potential environmental impacts of the proposal. For the purposes of the proposal, Shoalhaven Water is the proponent and determining authority under Division 5.1 of the *Environmental Planning and Assessment Act 1979* (EP&A Act).

The purpose of the REF is to describe the proposal, to document the likely impacts of the proposal on the environment, and to detail mitigation measures to be implemented as part of the proposal.

The proposal has been assessed in the context of clause 228 of the Environmental Planning and Assessment Regulation 2000, the *Biodiversity Conservation Act 2016* (BC Act), Biodiversity Conservation Regulation 2017, the *Fisheries Management Act 1994* (FM Act) and the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). In doing so, the REF helps to fulfil the requirements of section 5.5 of the EP&A Act that Shoalhaven Water examine and take into account to the fullest extent possible, all matters affecting or likely to affect the environment by reason of the activity.

The findings of the REF would be considered when assessing:

- Whether the proposal is likely to have a significant impact on the environment and require an Environmental Impact Statement to be prepared and approval to be sought from the Minister for Planning and Public Spaces under Division 5.1 of the EP&A Act.
- The significance of any impact on threatened species as defined by the BC Act and/or FM Act in section 1.7 of the EP&A Act and therefore the requirement for a Species Impact Statement.

- The potential for the proposal to significantly impact on a matter of national environmental significance or Commonwealth land and the need to make a referral to the Australian Government Department of Agriculture, Water and the Environment (DAWE) for a decision by the Commonwealth Minister for the Environment on whether assessment and approval is required under the EPBC Act.

1.3 Scope and limitations

This report: has been prepared by GHD for Shoalhaven Water and may only be used and relied on by Shoalhaven Water for the purpose agreed between GHD and the Shoalhaven Water as set out in section 1.2 of this report.

GHD otherwise disclaims responsibility to any person other than Shoalhaven Water arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report (refer section 1.4 of this report). GHD disclaims liability arising from any of the assumptions being incorrect.

GHD has prepared this report on the basis of information provided by Shoalhaven Water and others who provided information to GHD (including Government authorities)], which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the report which were caused by errors or omissions in that information.

1.4 Assumptions

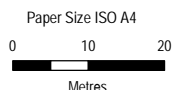
Assumptions made by GHD when undertaking services and preparing the REF include (but are not limited to):

- The impact footprint of the proposal would be limited to the area as presented in Figure 1.1 and described in section 3
- The safeguards and management measures detailed in section 7 would be implemented.

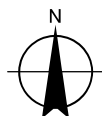


Legend

- Roads
- Stormwater drainage line
- Compound/stockpile site
- Proposed Reservoir
- Site boundary



Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Shoalhaven City Council
Bendeela

Project No. 12544240
Revision No. -
Date 24/02/2021

The proposal

FIGURE 1.1

2. Need and options considered

2.1 Need for the proposal

The Bendeela WTP was commissioned in 1993 and uses a microfiltration system to improve water quality for the residents and businesses within Kangaroo Valley to whom it provides water. The facility processes up to 1.5 million litres of water each day, with the membrane technology eliminating the need to add chemicals during the treatment process. In order to supply the water demands of the growing population in the region, a new reservoir and associated interconnection works are required. This would enable the appropriate chlorine contact times for water disinfection to be met to further service the area. The existing reservoir currently has issues with the chlorine contact times being achieved.

The need to make the water supply system more robust and secure the water supply for Kangaroo Valley was highlighted during the January 2020 bushfires.

The objective of the project is to increase the supply capability and improve the chlorine contact time for water disinfection at the Bendeela WTP and secure the water supply in the Kangaroo Valley area.

2.2 Alternatives and options considered

The options for the proposal include the following:

- The do-nothing option – This involves leaving the WTP with its existing infrastructure and not constructing the new reservoir and associated interconnection works. This option would not enable the facility to achieve appropriate chlorine contact times for water disinfection to make the supply system more robust and secure the water supply for Kangaroo Valley. This option was therefore discounted.
- Construction of a new reservoir (the proposal) – This option involves upgrading the Bendeela WTP by constructing a new reservoir and associated interconnection works. This option is the preferred option as it meets the objective of securing the water supply in the Kangaroo Valley area through improving the chlorine contact time for water disinfection at the Bendeela WTP.

2.3 Preferred option

The preferred option meets the project objective by increasing the supply capability of the Bendeela WTP through improving chlorine contact time for water disinfection and construction of a new reservoir. This option includes construction of associated interconnection works, the relocation of existing water services to a nearby WaterNSW camping ground and replacing existing perimeter fencing with new high security fencing around the new reservoir site.

3. Description of the proposal

3.1 The proposal

Shoalhaven Water proposes to construct a new reservoir at the Bendeela WTP located at Jacks Corner Road, Kangaroo Valley (refer to Figure 1.1), to improve the chlorine contact time for water disinfection and secure the water supply for the Kangaroo Valley area.

Key features of the proposal include:

- Construction of a 0.5 megalitre capacity concrete reservoir
- Relocation of existing water services to WaterNSW camping ground
- Replacement of existing perimeter fencing with new high security fencing around the new reservoir site
- Diversion of existing stormwater drains through the site via a dedicated, rock lined open drainage channel
- Installation of a concrete drainage apron surrounding the perimeter of the site to capture and divert roof and surface runoff to the new open drainage channel
- Construction of new concrete pathways to connect new facilities to existing concrete pathways
- Installation of new sample lines.

A schematic plan of the pipe layout for the proposal, showing the proposed new reservoir and existing infrastructure of the WTP, prepared by Shoalhaven Water is shown in Figure 3.1.

A temporary site compound and stockpile site would be established adjacent to the proposal site along Jacks Corner Road on Shoalhaven Water owned land (refer to Figure 1.1).

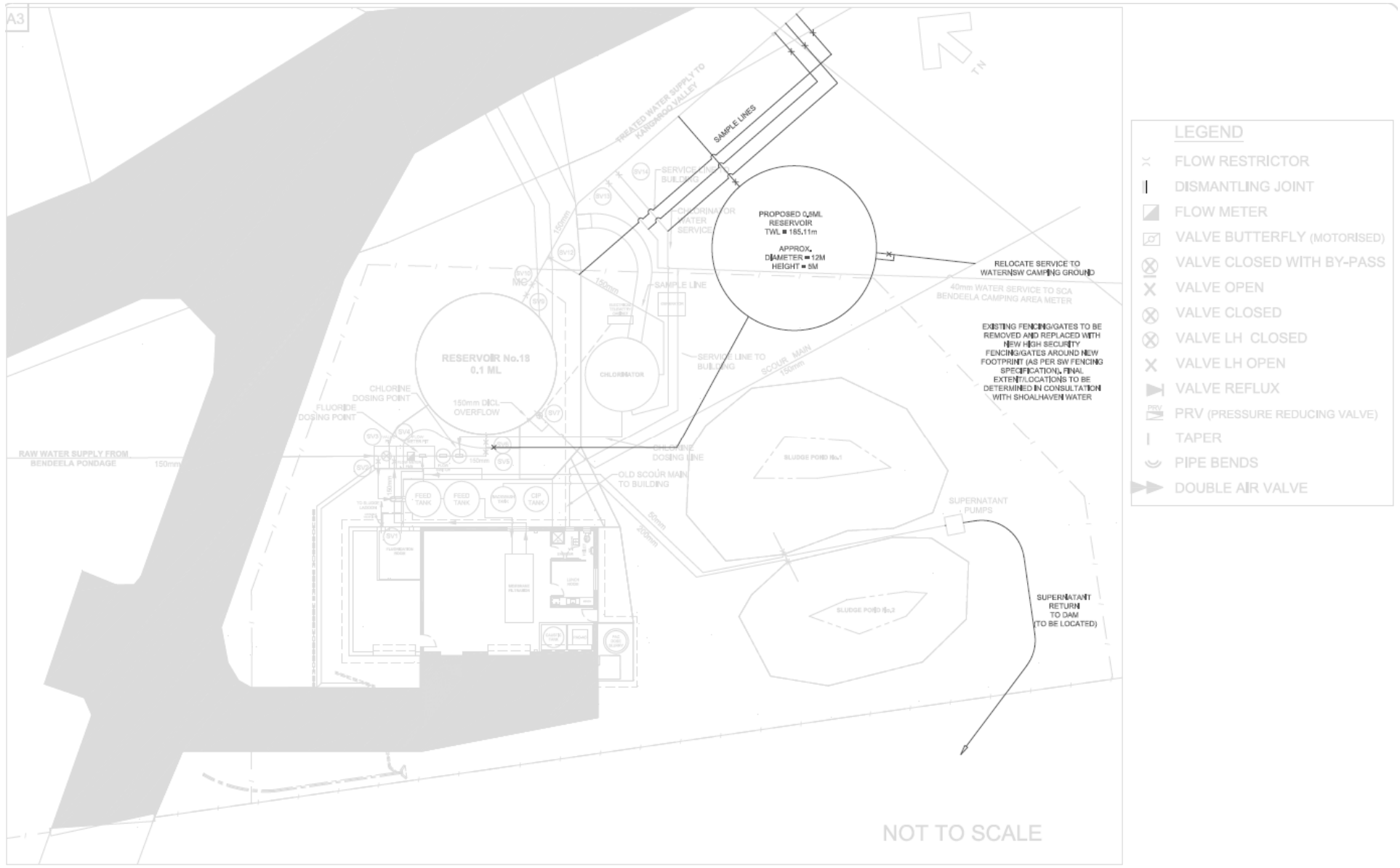
It is anticipated that construction of the proposal would commence in August or September 2021 and take three to four months to complete. Shoalhaven Water would manage the construction process.

3.2 Design

The following design criteria was used to develop the proposal:

- Minimum capacity of reservoir to be 0.5 megalitres
- Dimensions of reservoir to be 12 metres in diameter and five metres high
- Top water level (TWL) of the reservoir to match the existing 185.11 metres (AHD) of the Bendeela reservoir
- Reservoir to feature a sealed side hatch for personnel/equipment entry to facilitate regular maintenance/cleaning
- Provision of an internal access vertical ladder with no cage
- Maintenance of required chlorine Contact Time (CT) via a floor mounted supply inlet and/or the installation of a baffle curtain
- Installation of a level transmitter off the scour pipe
- Connection of a pressure manifold to existing telemetry cabinet.

Figure 3.1: Proposed reservoir and pipe layout



3.3 Construction activities

3.3.1 Work methodology

Construction would be undertaken by Shoalhaven Water in accordance with a construction environmental management plan. Pre-construction activities would include:

- Establish work site boundaries (physical delineation where appropriate)
- Installation of environmental control measure and erosion and sediment controls, including clean-water diversions where required (in accordance with the CEMP)
- Identification and retention of native vegetation where required
- Set up stockpile site for storing materials
- Establishment of site compound including toilet facilities.

Construction activities

Construction activities would include:

- Removal of vegetation and stripping of topsoil where reservoir would be constructed, and associated interconnection works and drainage alterations would occur
- General earthworks to achieve the required levels for construction of the reservoir
- Installation of the reservoir tank supplied as a proprietary item
- Construction of new drainage channel, including placement of rock material within the open drainage channel
- Construction of new concrete pathways, including surface levelling
- Realigning existing site pipework where required
- Connection of pipework to reservoir and reservoir to existing water network, including meters, sensors and other electrical requirements
- Testing of new reservoir tank to ensure it is operational
- Replacement of existing perimeter fencing with new high security fencing around the new reservoir site
- Site clean-up and rehabilitation, including
 - Removing excess material from stockpile site
 - Removing temporary stockpile site
 - Revegetating disturbed areas
 - Removing temporary erosion and sedimentation controls, following stabilisation of disturbed areas.

Construction hours

It is anticipated that the proposal would typically be completed within the normal construction working hours:

- Monday to Friday: 7am to 6pm
- Saturday: 8am to 1pm
- Sunday and public holidays: no work.

Plant and equipment

Plant and equipment needed for the proposal would include:

- Excavator
- Roller
- Grader.

3.3.2 Earthworks

Earthworks required for the proposal would include the areas to be excavated for the construction of the reservoir, the new paths and drainage structures. The total volume of earthworks would be determined during the detailed design stage.

There is not expected to be an excess of fill from construction activities with the cut and fill balance expected to be equal if the existing ground is suitable to form a base for the reservoir. This would be determined following the geotechnical investigation.

3.3.3 Materials

Materials and quantities required for the construction of the proposal would be determined during the detailed design stage.

3.3.4 Construction traffic management

Vehicle movements

The proposal would generate a number of heavy vehicle movements through the transport of machinery, fuel, general provisions and materials. The majority of vehicle movements would be for machinery access and the transport of materials to the site.

Heavy vehicle movements would primarily be confined to within the proposal site and generally remain on site until completion of the proposal. Light vehicles would be required to transport staff to and from the proposal site. Light vehicles would also be used in various roles on site, including small deliveries.

Traffic management

Construction vehicles would adhere to the posted speed limits and truck movements restricted to designated roadways. The proposal is unlikely to require traffic management during construction.

Construction access

Construction access to the proposal site would be via Jacks Corner Road, from the east from Kangaroo Valley, via Moss Vale Road and Bendeela Road.

3.4 Compound and stockpile site

A temporary site compound and stockpile site would be established adjacent to the proposal site along Jacks Corner Road on previously cleared Shoalhaven Water owned land (refer to Figure 1.1).

The facilities at the compound site would include general amenities (meal room, toilets, etc.), secure bunded areas for the storage of fuels and chemicals and designated parking and waste management areas. A site office will be established if required.

The stockpile site, required for storing construction materials, would be located:

- In an area not prone to flash flooding and more than 40 metres from a watercourse

- In a previously disturbed area that does not require the clearing of native vegetation
- In plain view of the public to deter theft and illegal dumping
- Outside the drip line of trees and on level ground wherever possible.

The stockpile site would be temporary and would be rehabilitated following completion of construction (to a condition similar to that prior to construction).

3.5 Public utility adjustment

No public utility adjustment would be required for the proposal. Existing pipework to be realigned to accommodate the new reservoir and drainage channel are Shoalhaven Water assets.

3.6 Property acquisition

Construction of the proposal would take place within Shoalhaven Water owned land. No land acquisition would be required for the proposal.

4. Statutory and planning framework

4.1 Environmental Planning and Assessment Act 1979

The EP&A Act and its associated regulations provide the framework for assessing environmental impacts and determination of developments and activities in NSW. As the proposal does not require development consent, it is subject to the requirements of Part 5 of the EP&A Act.

Section 5.5 imposes a duty on a determining authority to ‘...examine and take into account to the fullest extent possible all matters affecting or likely to affect the environment by reason of that activity’.

The factors that need to be taken into account when considering the likely impact of an activity on the environment are provided in Clause 228 of the Regulation. A summary of the results of the assessment of the proposal in accordance with the Clause 228 factors is provided in Appendix A.

Section 5.7 requires that, if an activity is likely to have a significant impact on the environment, the determining authority shall not carry out or approve an activity unless it has considered an environmental impact statement (EIS) in respect of the activity.

Section 6 of this REF assesses the potential impacts of the proposal on the environment. As the proposal is unlikely to result in significant impacts, and does not meet the definitions of State significant development or infrastructure under the *State Environmental Planning Policy (State and Regional Development) 2011* (refer Section 4.2) an EIS is not required.

4.2 State Environmental Planning Policies

4.2.1 State Environmental Planning Policy (Infrastructure) 2007

State Environmental Planning Policy (Infrastructure) 2007 (Infrastructure SEPP) aims to facilitate the effective delivery of infrastructure across the State. Infrastructure SEPP clarifies the consent arrangements for certain infrastructure projects.

Clause 125(1) of the ISEPP states that development for the purpose of water reticulation systems may be carried out by or on behalf of a public authority without consent on any land. Therefore, the proposal at the Bendeela WTP is permitted without consent.

4.3 Local planning instruments

4.3.1 Shoalhaven Local Environmental Plan 2014

The provisions of the Shoalhaven Local Environmental Plan 2014 (Shoalhaven LEP) do not apply to the proposal due to the application of the ISEPP. Nevertheless, consideration is given below to the provision of the Shoalhaven LEP.

The proposal is located within land zones as SP2 – Infrastructure land use. Water supply systems are permitted with consent within this land use zone. However, as the proposal is subject to the ISEPP, it is permitted without consent. The proposal would not alter the current land use, which is zoned as water supply system according to the land zoning map.

4.4 Other relevant state legislation

4.4.1 Local Government Act 1993

The *Local Government Act 1993* provides the legal framework by which local authorities are able to function. The Act also provides direction to local governments in undertaking their service functions, including the provision of sewer and water works treatment.

Under section 60 of the *Local Government Act 1993*, a council can only construct or extend water treatment works with the approval of the Minister for Water, Property and Housing. As the proposal is for the extension of a water treatment plant, approval under section 60 is required. This approval will need to be obtained through the Department of Industry – Lands and Water.

4.4.2 Protection of the Environment Operations Act 1997

The *Protection of the Environment Operations Act 1997* (POEO Act) establishes, amongst other things, the procedures for issuing of licences for environmental protection on aspects such as waste, air, water and noise pollution control. The owner or occupier of premises engaged in scheduled activities is required to hold an environment protection licence and comply with the conditions of that licence.

The proposal would not involve any scheduled activities listed under Schedule 1 of the POEO Act, therefore an application for an environment protection licence is not required.

With appropriate erosion and sediment controls implemented, the proposal is unlikely to cause water pollution. Therefore, an environment protection licence under the POEO Act is not required.

The POEO Act creates a number of pollution offences. If a 'pollution incident' were to occur during the proposal causing or threatening 'material harm' to the environment, Shoalhaven Water would be obliged to notify the NSW Environment Protection Authority (EPA) immediately.

4.4.3 Water Management Act 2000

The *Water Management Act 2000* controls the carrying out of activities in or near water sources in NSW, the extraction and use of water and the construction of works such as dams and weirs. 'Water sources' are defined as a river, lake, estuary, place where water occurs naturally on or below the surface of the ground or NSW coastal waters.

If a 'controlled activity' is proposed on 'waterfront land', an approval is required under the *Water Management Act 2000* (section 91E). Under the *Water Management Act 2000*, 'waterfront land' is defined as land within 40 metres of a river, lake, estuary or shoreline.

Under section 344(1) of the *Water Management Act 2000*, it is an offence to carry out a controlled activity without a controlled activity approval. However, section 39A(1) of the *Water Management (General) Regulation 2004* exempts local councils from section 344 (1)(a) of the *Water Management Act 2000* in relation to all controlled activities that they carry out in, on or under waterfront land.

The proposal would occur on waterfront land adjacent to Bendeela Pondage (see Figure 1.1). Shoalhaven Water is exempt from the need to obtain a controlled activity approval for the proposal.

4.4.4 Fisheries Management Act 1994

The *Fisheries Management Act 1994* (FM Act) aims to conserve, develop and share the fishery resources of the State for the benefit of present and future generations including conserving fish stocks and fish habitat and promoting ecologically sustainable development.

The FM Act requires an assessment of whether threatened species of fish and aquatic vegetation, populations or ecological communities are likely to be affected by the proposal. If a significant impact on a threatened species, population or ecological community is likely, a species impact statement must be completed and consultation with the NSW Department of Primary Industries (Fishing and Aquaculture) is required.

The FM Act lists key threatening processes under Schedule 6 that are likely to impact on watercourses and threatened biota, including degradation of native riparian vegetation along NSW watercourses, and installation and operation of in-stream structures and other mechanisms that alter natural flow regimes of rivers and streams.

The proposal is located adjacent to Bendeela Pondage, which is identified as Key Fish Habitat. However, the proposal would not involve any work within the pondage or other drainage lines identified as Key Fish Habitat. The site does not drain into the pondage, which is unlikely to be impacted by the proposal.

The FM Act requires a permit for certain work including dredging, reclamation or work that blocks fish passage. The proposal would not involve work in any waterways identified as Key Fish Habitat, and is therefore unlikely to require a permit under the FM Act.

4.4.5 National Park and Wildlife Act 1974

The *National Parks and Wildlife Act 1974* (NPW Act) provides the basis for legal protection and management of Aboriginal sites within NSW, and for the management of National Parks estate.

Section 90 of the NPW Act specifies that the Director-General may issue an Aboriginal heritage impact permit in relation to a specified Aboriginal object, place, land, activity or person, or specified types or classes of these. An Aboriginal heritage impact permit may be issued subject to conditions, or unconditionally.

Aboriginal heritage impact permits must be obtained before the commencement of any project that would, or would be likely to, impact on Aboriginal objects or places.

This REF concludes that the proposal would be unlikely to have a significant effect on an Aboriginal object or place (see section 6.7). An Aboriginal heritage impact permit would therefore not be required for the proposal.

4.4.6 Biodiversity Conservation Act 2016

The aim of the *Biodiversity Conservation Act 2016* (BC Act) is to conserve biodiversity and deliver ecologically sustainable development through a market-based approach particularly for higher risk projects. Ecological outcomes for lower risk projects would be achieved through self-assessment of risk. The market based approach would have a regional and state focus rather than a local focus on biodiversity.

The BC Act lists a number of threatened species, populations and ecological communities to be considered when deciding whether there is likely to be a significant impact on threatened biota or their habitats. If a species of flora or fauna listed in the BC Act is identified, a review must be carried out of the factors set out to establish if there is likely to be a significant impact on that species, population, ecological community or habitat. If any of these could be impacted by the proposal, an assessment of significance that addresses the requirements of section 1.7 of the EP&A Act must be completed to determine the significance of the impact.

The potential for impacts on ecology has been considered in section 6.2. The assessment concludes that the proposal would be unlikely to have a significant impact on any threatened species, populations or ecological communities listed under the BC Act. A species impact statement is therefore not required.

4.4.7 Biosecurity Act 2015

The *Biosecurity Act 2015* reforms the management of pests, diseases, weeds and contaminants in NSW. For local government, the Biosecurity Act repeals the *Noxious Weeds Act 1993* which established local councils (or in some areas, county councils) as Local Control Authorities (LCAs).

The *Biosecurity Act 2015* and its subordinate legislation came into effect on 1 July 2017. As part of the management of weed species, all plants are regulated with a 'general biosecurity duty' to prevent, eliminate or minimise any biosecurity risk they may pose. Any person who deals with any plant, who knows (or ought to know) of any biosecurity risk, has a duty to ensure the risk is prevented, eliminated or minimised, so far as is reasonably practicable.

4.4.8 Heritage Act 1977

The *Heritage Act 1977* (Heritage Act) is concerned with all aspects of heritage conservation ranging from basic protection against indiscriminate damage and demolition of buildings and sites, through to restoration and enhancement.

Heritage places and items of particular importance to the people of NSW are listed on the State Heritage Register. Only those heritage items that are of State significance are listed on the State Heritage Register. Approval under Section 60 of the Heritage Act may be required for impacts to a listed heritage item.

None of the items listed on the State Heritage Register are present within the study area.

4.5 Commonwealth legislation

4.5.1 Environment Protection and Biodiversity Conservation Act 1999

Under the EPBC Act a referral to the Australian Government is required for proposed actions that have the potential to significantly impact on matters of national environmental significance or the environment of Commonwealth land. The impacts of the proposal on matters of national environmental significance are considered in chapter 6 and Appendix A of this REF.

This REF finds that the proposal is unlikely to have a significant impact on any matters of national environmental significance. Accordingly, the proposal has not been referred to the Australian Government Department of Agriculture, Water and the Environment (DAWE).

4.6 Confirmation of statutory position

An assessment of the relevant statutory planning instruments has concluded that the proposal can be assessed under Part 5 of the EP&A Act, by Shoalhaven Water as the proponent and determining authority.

5. Consultation

5.1 Infrastructure SEPP consultation

Clauses 13 to 16 of the Infrastructure SEPP outline the consultation requirements for development without consent with councils and specific public authorities. Due to the application of Clause 17(1) Shoalhaven Water is not required to undertake consultation in Clause 13 to 15 as these clauses require consultation with council.

The proposal does not trigger consultation requirements in Clause 16, therefore, formal Infrastructure SEPP consultation is not required.

5.2 Government agency consultation

Due to the location of the proposal in the existing WTP site, it is considered unlikely to require government consultation. As the proposal does not require any works that are likely to impact on Key Fish Habitat under the FM Act, consultation with the Department of Primary Industries – Fisheries is not required. The proposal is located adjacent to Bendeela Pondage, which WaterNSW is the responsible authority for. Due to the works being restricted to land within the existing WTP boundary owned by Shoalhaven Water, the position of the proposal site lower than the pondage itself and the site draining away from the pondage to the south-east, it is unlikely to impact the pondage. Therefore, consultation with WaterNSW is not required.

5.3 Public exhibition

The REF document was placed on public exhibition on Council's website for a period of three weeks, from 5 May to 31 May 2021. A notice was placed in the South Coast Register on 5 May and 12 May 2021 to notify the local community of the public exhibition period. Shoalhaven Water notified the following stakeholders of the public exhibition period via email:

- WaterNSW
- NSW Department of Primary Industries (Fisheries).

By the close of the exhibition period, zero responses were received.

6. Environmental assessment

This chapter of the REF provides a detailed description of the potential environmental impacts associated with the construction and operation of the proposal. All aspects of the environment potentially impacted by the proposal are considered. This includes consideration of the factors specified in the guidelines *Is an EIS required?* (DUAP 1999) as required under clause 228(1)(b) of the Environmental Planning and Assessment Regulation 2000 (refer Appendix A). Site-specific safeguards are provided to mitigate the identified potential impacts in chapter 7.

6.1 Soils, water quality, hydrology and groundwater

6.1.1 Existing environment

Topography and geology

The study area is located in the Kangaroo Valley Mitchell Landscape, which is comprised of an enclosed, narrow, western facing valley surrounded by sandstone escarpment features comparable to the Bulli coastal escarpment. The valley is incised into Permian pebbly siltstone and sandstone. The general elevation is 80 to 100 metres above sea level, with local relief 180 metres (Mitchell 2002). This landscape is 42 per cent cleared and therefore is not considered an over-cleared landscape (>70 per cent cleared).

The geology of the site falls within the Berry Siltstone geological unit from the Permian period. This unit is comprised of bluish grey to light grey siltstone, shaly in part with bands of silty sandstone (NSW Department of Mineral Resources 2002).

Soils

Soil types

The Kangaroo Valley Mitchell Landscape is comprised of loamy sand matrix soils in a sandstone matrix rubble beneath cliff lines on the slopes, then yellow texture-contrast profiles grading to deep loam on the valley floors (Mitchell 2002).

Acid sulfate soils

There are no known occurrences of acid sulfate soils in the study area. Based on mapping of acid sulfate soils for NSW (OEH 2013), it is unlikely that these would occur in the study area. Acid sulfate soils are generally confined to coastal areas, although they can occur at inland locations where there is poor drainage. No such environments are known to be present in the study area.

Soil contamination

A search of the EPA contaminated land register did not find any declared contaminated sites located in or near the study area. Search results are provided in Appendix C.

Hydrology and water quality

Hydrology

The study area is located adjacent to Bendeela Pondage, which is an earth and rockfill embankment dam structure located on the Kangaroo River arm of Lake Yarrunga. Drainage from the study area flows into the Kangaroo River to the south. The terrain of the study area is undulating to hilly with steep hills rising off the valley and Kangaroo River floodplain. The Kangaroo River rises within Budderoo National Park to the north-east of the study area then flows in a north-westerly direction to Carrington Falls. It then turns south-west and flows through

Kangaroo Valley in the vicinity of the study area before it ends by flowing into Lake Yarrunga, a reservoir formed by the Tallowa Dam, which is just downstream of the confluence of the Shoalhaven and Kangaroo rivers.

There are no natural drainage lines in the proposal site, with an unnamed ephemeral drainage line commencing from the south of the proposal site and flowing to the south-east.

Surface water quality

Given the Bendeela Pondage is located in the study area, water quality is routinely monitored and maintained at a high level to enable the good quality water within the drinking water supply system. Given the surrounding natural bush land in the study area, runoff would generally contain fewer contaminants than in an agricultural landscape.

Potential sources of water quality contamination occur from the operation of roads in the study area, leading to the build-up of contaminants (such as oil and heavy metals) on road surfaces and roadside corridors.

Groundwater

There are no registered groundwater bores in the study area. The nearest bore with a recorded depth to water table is located about 2.2 kilometres north-east of the study area, with a groundwater level of 15 metres.

In general, the depth to the water table would vary with season, rainfall, elevation, proximity to creeks and presence of aquifers. The water table may be closer to the ground surface in the vicinity of creeks in the study area, however, due to the nature of the works it is unlikely the water table would be intercepted during construction.

6.1.2 Potential impacts

Topography and soils

Vegetation removal

There is minimal tree and shrub removal required for the construction of the proposal, with groundcover mostly comprised of introduced species. Vegetation removal would be restricted to the areas where the reservoir and associated works, including paths and pipes, are to be constructed. Vegetation and earthworks would expose soils to weathering processes, increasing the risk of erosion and sedimentation. Disturbed areas along the proposal site would be stabilised after construction completion.

Earthworks

The proposal would involve earthworks for construction of the reservoir, new paths and drainage structures. Earthworks would potentially affect soils and loose fill may erode during rainfall events.

Erosion of earthworks could cause sedimentation of drainage lines and smother groundcover vegetation, changing soil surface characteristics. However, the proposal is unlikely to affect topography or destabilise landforms due to the relatively minor nature of the works and the location in a previously cleared and disturbed environment.

Vehicle movements, including machinery and support vehicles

Machinery and support vehicles used during construction of the proposal would be driven off road within the site and have the potential to disturb the ground surface and track excess material onto sealed roads.

Stockpiling

Excess excavated material would temporarily be stockpiled to be used for rehabilitation following completion of construction. Loose soil material could erode in periods of high rainfall or windy conditions.

Soil contamination

There is potential for chemical and fuel spills during construction, which may result in localised contamination of soils. The potential for contamination is considered to be low provided the safeguards and management measures outlined in chapter 7 are implemented.

Hydrology

Construction of the proposal would alter surface runoff characteristics near the proposal site. A man-made drainage line would be redirected to allow construction of the new reservoir, however, the new drainage line would serve a similar purpose to that of the existing drainage line and account for any additional runoff from the new structures. This is unlikely to significantly alter the hydrology of the study area due to the minor nature of the proposal.

There would be no works conducted within the unnamed ephemeral drainage line in the study area.

Surface water quality

The introduction of pollutants from construction of the proposal into the surrounding environment, if uncontrolled, could potentially have the following impacts on the water quality of drainage lines and dams:

- Increased sediment load and organic matter causing adverse impacts to water quality in drainage lines and creeks, such as increased turbidity. Provided safeguards and management measures are implemented, the proposal would be unlikely to contribute significant amounts of sediment and organic matter
- Gross pollutants (large waste items) entering drainage lines and dams in the study area
- Reduced water quality in drainage lines and creeks due to an influx of contaminants such as fuel or chemicals from accidental spills.

The potential for construction water quality impacts to the surrounding drainage lines and creeks is considered to be low with only minor potential for soil erosion and sedimentation during construction.

6.2 Biodiversity

6.2.1 Methodology

Desktop review

The desktop assessment included a review of background biodiversity information obtained from database searches and literature reviews. These searches included:

- NSW Department of Planning, Industry and Environment (DPIE) BioNet Atlas for records of threatened biota previously recorded in the locality (website for the Atlas of NSW Wildlife) (OEH 2021a) and *Threatened Biodiversity Data Collection* (TBDC) profiles of threatened species listed under the BC Act (DPIE 2021a)
- DPIE *Threatened biodiversity profile search* online database for threatened ecological communities and species listed under the BC Act (OEH 2021b)

- NSW *BioNet Vegetation Classification* (OEH 2020c) to identify matching plant community types (PCTs) in the study area
- DAWE (2021a) EPBC Act Protected Matters Search Tool – for a 10 kilometre radius around the proposal site (accessed January 2021)
- DAWE (2021b) Species profile and threats database, online profiles
- DPI priority weed declarations – South East region (DPI 2021) (accessed February 2021).

Assessment of the likelihood of occurrence of listed biota

An assessment of the likelihood of occurrence and possibility of impact was completed for listed species, populations and ecological communities with the potential to occur in the study area.

In assessing which of these species, populations and ecological communities are 'likely' to occur within the study area (as described in 'Threatened Biodiversity Survey and Assessment: Guidelines for Developments and Activities Working Draft') (DEC 2004) the following factors were taken into consideration:

- The presence of potential habitat within the study area
- Condition and approximate extent of potential habitat within the study area
- Species occurrence within the locality and region (including results of previous surveys and results of database searches and literature review).

In addition, the possibility of impact by the proposal on threatened biota likely to occur, or present was assessed, and therefore whether a BC Act assessment of significance and/or EPBC Act significance assessment is required to assess the significance of the impact.

The likelihood of occurrence assessment is presented in Appendix B.

No species were considered likely to occur in the proposal site on a regular basis due to a lack of suitable habitat resources to reliably support them. The proposal site is surrounded by large tracts of native vegetation within both private property and reserves, which would contain a large proportion of the important habitat resources present in the locality. Species with the potential to occur are likely to utilise this better quality habitat outside of the proposal site.

Assessment of the potential impacts on listed biota

Due to the likely limited biodiversity impacts of the proposal, it was determined that no threatened species or ecological communities listed under the BC Act, FM Act and/or EPBC Act are likely to be impacted by the proposal. Therefore, no assessments of significance under section 7.3 of the BC Act or significance assessments according to the significant impact guidelines for the EPBC Act are required.

Development of safeguards and management measures

Safeguards and management measures for the proposal were developed based on the site conditions and potential impacts of the proposal (refer chapter 7).

6.2.2 Existing environment

A site walkover was conducted on 19 January 2021. Vegetation on site was photographed and the following vegetation and habitat assessment was conducted by an ecologist during the desktop review.

Vegetation

Photographs, aerial photographic imagery and regional vegetation mapping were used to help identify vegetation and habitat resources at the site. The vegetation onsite was generally consistent with the South East Local Land Services Biometric vegetation map VIS_ID 4211 (LLS 2014). Local Land Services (2014) mapped most of the site as cleared with a small area of Sydney Blue Gum x Bangalay - Lilly Pilly moist forest in gullies and on sheltered slopes, southern Sydney Basin (Biometric map unit SR652) in the south-west corner of the site. The biometric map unit SR652 is equivalent to PCT 1245 Sydney Blue Gum x Bangalay - Lilly Pilly moist forest in gullies and on sheltered slopes, southern Sydney Basin Bioregion.

GHD mapped three vegetation types on the site (refer to Figure 6.1) as follows.

PCT 1245 Sydney Blue Gum x Bangalay - Lilly Pilly moist forest in gullies and on sheltered slopes, southern Sydney Basin Bioregion	
PCT (OEH 2020)	Sydney Blue Gum x Bangalay - Lilly Pilly moist forest in gullies and on sheltered slopes, southern Sydney Basin Bioregion
PCT ID	1245
NSW Veg Type ID	SR652
Keith (2004) Vegetation Formation	Wet Sclerophyll Forests (Shrubby sub-formation)
Keith (2004) Vegetation Class	North Coast Wet Sclerophyll Forest
Conservation significance	Native vegetation. Not listed as a TEC.
Position	Occurs as a small patch on the south-west boundary of the site.
Description	<p>Open woodland with a mid-storey and a moderately diverse understorey comprising grass, fern, rush and forb species. Canopy species include <i>Eucalyptus saligna</i>, <i>Eucalyptus pilularis</i>, <i>Syncarpia glomulifera</i> and <i>Corymbia maculata</i>. Mid-storey includes <i>Acacia decurrens</i>, <i>Acmena smithii</i>, <i>Pittosporum undulatum</i> and <i>Glochidion ferdinandi</i>.</p> <p>The patch of PCT 1245 on the site occurs on the edge of a larger patch. The understorey appears degraded with many exotic species including, <i>Sida rhombifolia</i>, <i>Hypochoeris radicata</i>, <i>Cenchrus clandestinus</i>, <i>Verbena bonariensis</i>, <i>Sonchus oleraceus</i>, <i>Conyza sumatrensis</i> and <i>Plantago lanceolata</i>. Native species are limited and include <i>Lomandra longifolia</i>.</p>



Planted trees – no plant community type	
PCT (OEH, 2020)	-
PCT ID	-
NSW Veg Type ID	-
Keith (2004) Vegetation Formation	-
Keith (2004) Vegetation Class	-



Planted trees – no plant community type	
Conservation significance	Native and non-local native vegetation. Not listed as a TEC.
Position	Occurs as narrow corridors of planted vegetation along northern fence lines.
Description	A narrow corridor of planted <i>Callistemon citrinus</i> and two larger <i>Corymbia maculata</i> with an understorey of exotic grass (<i>Cenchrus clandestinus</i>) and exotic forbs.

Exotic grassland – no plant community type		
PCT (OEH, 2020)	-	
PCT ID	-	
NSW Veg Type ID	-	
Keith (2004) Vegetation Formation	-	
Keith (2004) Vegetation Class	-	
Conservation significance	Exotic vegetation	
Position	Covering most of the site including the draining line that runs parallel to the north-east fence line.	
Description	The exotic grassland is dominated by <i>Cenchrus clandestinus</i> with a mix of exotic forbs and grasses including <i>Sida rhombifolia</i> , <i>Hypochaeris radicata</i> , <i>Verbena bonariensis</i> , <i>Sonchus oleraceus</i> , <i>Conyza sumatrensis</i> and <i>Plantago lanceolata</i> . The drainage line has some water tolerant species such as <i>Cyperus eragrostis</i> and <i>Juncus sp.</i>	

There are no threatened ecological communities listed under the BC Act and/or EPBC Act within the proposal site or nearby area.

Priority weeds

There were no priority weeds listed under the NSW *Biosecurity Act 2015* for the South East region identified from site photos or during the site walkover within the proposal site.

Fauna and habitat resources

There are very few habitat resources for native fauna at the site. The majority of the site is comprised of maintained exotic grassland. Maintained exotic grasslands are generally low in biodiversity value and provide marginal structural and floral diversity for local fauna species.

A number of raptors, including the Nankeen Kestrel (*Falco cenchroides*) are likely to hunt over maintained grassland within the site on occasion. Granivorous species such as cockatoos and parrots may forage on grass seeds. Maintained grassland would also provide foraging habitat for larger herbivorous species, including the Eastern Grey Kangaroo (*Macropus giganteus*) and Swamp Wallaby (*Wallabia bicolor*). Threatened microbats, including the Large Bent-winged Bat (*Miniopterus orianae oceanensis*), Little Bent-winged Bat (*Miniopterus australis*) and Eastern Free-tailed Bat (*Mormopterus norfolkensis*) may forage on occasion in open grassland areas, or along the ecotone formed where woodland/forest meets areas of grassland.

A small highly modified drainage line occurs in the site within maintained grassland (refer to Figure 6.1). It appears to drain water from the adjacent Bendeela Road and existing WTP site. Site photos show that water within PVC piping has been directed into this drainage line which has led to erosion. There are no aquatic water plants in this drainage line and it appears shallow where water is present. This drainage line appears to be constructed and would not contain deep pools. It drains into an ephemeral drainage line to the south-east. The drainage line does not contain habitat features such as woody debris, gravel beds or rocky areas that may contain refuge substrate for small fish, lizards or snakes. The drainage line may provide some foraging habitat for frog species adapted to urban or highly modified environments including Striped Marsh Frog (*Limnodynastes peronii*), Spotted Grass Frog (*Limnodynastes tasmaniensis*) and Common Eastern Froglet (*Crinia signifera*).

Maintained grassland adjoins a small patch of regrowth woodland mostly comprising Acacia and Eucalypt species. This patch of woodland may provide occasional foraging resources for highly mobile species such as birds, possums and bats, during fruiting or flowering events. As described above, this patch of woodland contains native plant species in the canopy and mid-storey and forms part of a native PCT. This native woodland vegetation contains some habitat resources of relevance to most native species but appears to be mostly regrowth adjacent to the proposal site.

There are no important habitat resources such as hollows, stags, dens, caves, or large mature trees that may provide roosting habitat for birds, mammals or bats at the site. There are no wetlands in the site.

The site would provide the following habitat resources for native fauna:

- occasional fruit or blossom-bearing native shrubs and small trees at the edge of maintained grassland
- scarce woody debris and leaf litter
- grass seeds; primarily in the maintained grassland
- access to water via a highly modified stormwater drainage line.

The site is surrounded by large tracts of native vegetation comprising private property, Morton National Park, Cambewarra Range Nature Reserve, Kangaroo River Nature Reserve and Meryla State Forest. These areas would contain most of the important habitat resources present in the locality. Bendeela Pondage and the Kangaroo River occur to the south of the site and would provide aquatic habitat for local fauna.

Threatened biota

Threatened and migratory biota listed under the BC Act, FM Act and EPBC Act that have been identified by database searches with potential to occur in the locality are identified in Appendix B.

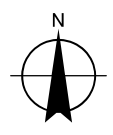
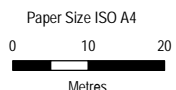
The site is unlikely to provide reliable habitat for threatened species with the potential to occur in the locality. Threatened and migratory bird species may occur intermittently at the site, but due to a lack of substantial foraging or woodland habitat, they are unlikely to occur on a regular basis, or be dependent on the site.

The proposal site is surrounded by large tracts of native vegetation comprising private property and reserves that provide substantial habitat resources for threatened species in the locality. The groundcover in the proposal site is dominated by introduced species and is routinely disturbed via mowing. Native vegetation is limited to planted species and a small patch of regrowth vegetation in the south-east corner of the site. Given the highly modified and degraded

condition of vegetation within the proposal site, no threatened flora species are expected to occur.

The site is not considered to be core Koala habitat as there is no evidence of suitable tree species or resident population of Koalas at the proposal site. No threatened flora or fauna species were observed during the site visit, and based on poor quality habitat at the site, no threatened or migratory species are considered likely to reliably occur.

Due to the likely limited biodiversity impacts of the proposal, it was determined that no threatened species or ecological communities listed under the BC Act, FM Act and/or EPBC Act are likely to be impacted by the proposal.



Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

Shoalhaven City Council
Bendeela

Project No. 12544240
Revision No. -
Date 24/02/2021

Vegetation Map

FIGURE 6.1

6.2.1 Potential impacts

Vegetation and habitat removal

The proposal would remove about four regrowth trees from within the patch of woodland in the south-east of the site, two of which appear to be dead. An additional two planted Callistemon trees would be removed along the fence line in the north of the site. About 0.01 hectares of groundcover dominated by introduced species would be removed for the construction of the reservoir, with an additional 0.07 hectares of predominantly introduced groundcover vegetation to be disturbed for the compound site, pipework and associated infrastructure. Removal of trees and groundcover vegetation would result in the loss of a minor amount of marginal habitat for local fauna species, with disturbed areas adjacent to the proposal site allowed to regenerate following construction. The vegetation to be removed is unlikely to be relied upon by species given the availability of better quality habitat elsewhere in the study area and locality.

Given the lack of native habitat within the proposal site it is unlikely that threatened fauna species would reliably occur within the site or be reliant on habitat to be removed.

Disturbance of fauna

The proposal has the potential to temporarily affect the use of the study area by fauna as a result of increased disturbance during construction. The use of plant and machinery may temporarily deter some fauna species such as birds from using potential habitat in the study area during construction.

Chemical and fuel impacts on flora and fauna

The proposal has the potential to cause impacts to native flora and fauna through accidental fuel and chemical spills. This may occur during refuelling operations or during preparation and use of chemicals for weed management. Spills could potentially reach drainage lines in the study area.

Weeds

The groundcover vegetation in the study area contains predominantly introduced species. The proposal has the potential to further introduce and spread weeds in the study area through the movement of machinery and light vehicle traffic and disturbance associated with earthworks.

The implementation of safeguards detailed in Chapter 7 would limit the potential for the spread of weeds associated with the proposal.

Sedimentation

Sedimentation of creeks and drainage lines in the study area may result from vegetation removal and earthworks, particularly along the drainage channel in the south-east corner of the site. These works have the potential to erode channels and deposit sediment, impacting on water quality during periods of flow.

Sedimentation has the potential to affect flora and fauna, including fish, frogs, turtles and macroinvertebrates.

Fish normally move away from highly turbid water; however, sedimentation may block fish passage, having detrimental impacts during times of migration. More extreme impacts on fish species, as a result of sedimentation and accompanying turbidity increases in creeks in the wider locality can include:

- Smothering of gill surfaces with sediment leading to asphyxiation
- Swallowing of large amounts of sediment leading to illness

- Inhibition of light penetration into the water column which can affect predator-prey interactions
- Impacts on habitat diversity in the immediate area and downstream by smothering and filling of interstitial spaces inhabited by fish.

An Erosion and Sediment Control Plan will be prepared and implemented as part of the CEMP during the construction phase of the works.

Summary of biodiversity impacts

Provided the appropriate mitigation measures and controls are implemented as per Chapter 7, it is anticipated that potential impacts on biodiversity would be minimal as a result of the proposal.

6.3 Landuse and property

6.3.1 Existing environment

Land uses in the study area consist of (refer to Figure 1.1):

- Bendeela WTP
- Bendeela Pondage
- Kangaroo Valley pumping and power station
- Power substation
- Three residences
- Natural bushland
- Existing roads, including:
 - Jacks Corner Road running east-west
 - Bendeela Road running north-south and diverting to the east.

The proposal site is located wholly within Shoalhaven Water owned land.

6.3.2 Potential impacts

Indirect impacts on land use

No land acquisition would be required for the proposal as the site is Shoalhaven Water owned land. The proposal would supplement the existing use of the site with a new reservoir and associated interconnection works required to supply the water demands of the growing population in the region. The proposal does, however have the potential to indirectly affect land use through potential impacts relating to soil and water contamination, air quality and noise. These impacts are assessed in sections 6.1, 6.4 and 6.5. The proposal is unlikely to disrupt traffic or alter access during the construction period or cause significant long-term indirect impacts to land use.

Safeguards and management measures to mitigate potential impacts on land use are detailed in Chapter 7.

6.4 Noise and vibration

6.4.1 Methodology

The *Interim Construction Noise Guideline* (DECC 2009) states that construction works with a duration of more than three weeks should be subject to a quantitative assessment of noise impacts. It is anticipated that the construction period for the reservoir would occur over three to

four months in total. Methodology should be varied during the construction period to reduce noise impacts to sensitive receivers where possible. The site setup would seek to maximise the distance between plant and equipment and any residences and other noise sensitive receivers where practicable. There are three residences located within 500 metres of the proposal site, with the closest sensitive receiver a minimum of 300 metres. There is, however, native bushland forming a barrier between the site and sensitive receivers, which would assist in reducing noise levels.

Due to the equipment, methodology and timing, these works are only likely to generate a relatively low level of noise in the context of the surrounding environment. Therefore, a qualitative assessment of the potential noise impacts of the proposal has been undertaken.

6.4.2 Existing environment

The study area is located in a rural landscape about four kilometres west of the township of Kangaroo Valley and surrounded by natural bushland and the Bendeela Pondage. The topography of the study area consists of mountainous, flat, and undulating terrain.

Sensitive receivers with the potential to be affected by noise impacts during construction of the proposal include residents near the proposal site, with the closest residence located about 300 metres north-west of the proposal site (refer Figure 1.1). Existing noise levels in the study area would primarily be influenced by passing traffic on local roads including Jacks Corner Road and Bendeela Road and from the operation of surrounding infrastructure including the Kangaroo Valley pumping and power station.

6.4.3 Potential impacts

Construction of the proposal would generate noise not characteristic of the existing environment. Noise intensive works associated with activities such as excavation, construction and compaction etc. would be relatively short term in nature and are not expected to result in significant impacts.

While noise impacts are anticipated at nearby sensitive receivers, construction is anticipated to typically be completed within the following standard hours:

- Monday to Friday: 7 am to 6 pm.
- Saturday: 8 am to 1 pm.
- Sunday and Public Holidays: no work.

Generally, noise impacts during construction would be intermittent and short-term. With the implementation of the appropriate safeguards as detailed in Chapter 7, consideration of the native vegetation screening to sensitive receivers and considering the standard working hours to be employed, the proposal would be unlikely to have a significant noise impact on sensitive receivers.

6.5 Air quality

6.5.1 Existing environment

Air quality

The proposal site is located in a rural setting about four kilometres west of the township of Kangaroo Valley and surrounded by natural bushland and the Bendeela Pondage. Sources of air pollution in the study area are likely to include:

- Emissions from vehicles on local roads

- Dust from vehicles travelling on unsealed roads
- Dust from agricultural activities in the wider study area.

Search results from the national pollutant inventory managed by DAWE (2021c) indicate there are no industrial facilities within the boundaries of the Bendeela postcode (2577).

The most commonly reported atmospheric emissions in the catchment are:

- Total nitrogen
- Total phosphorus.

Sensitive receivers

Sensitive receivers with the potential to be affected by air quality impacts during construction of the proposal include residents near the proposal site, the Kangaroo Valley pumping and power station and the power substation. The nearest residence is located about 300 metres north-west of the proposal site (refer Figure 1.1).

6.5.2 Potential impacts

Construction

Construction of the proposal has the potential to produce dust as a result of following construction activities:

- Clearing of groundcover vegetation and trees
- Earthworks
- Stripping and stockpiling topsoil
- Transport and handling of soils and materials
- Use of construction vehicles, generating exhaust fumes.

The operation of machinery and trucks may also increase emissions in the area due to delivery of materials and during construction activities, however these impacts would be minor and short term in nature.

Given the relatively minor nature of the proposal and the natural vegetation screening surrounding residential receivers, it is not expected that the proposal would cause significant air quality impacts.

Overall, potential air quality impacts during construction would be minor, short-term and managed using the safeguards detailed in Chapter 7.

6.6 Landscape and visual

6.6.1 Existing environment

The landscape character of the study area is generally defined by natural bushland and the Bendeela Pondage used for water storage. The pondage is a dominant element in the landscape given it is a raised earth and rockfill embankment dam structure. The terrain of the study area is mountainous and undulating with the proposal site being relatively flat. A drainage line for stormwater flows to the south-east where it joins an ephemeral drainage line to the south-east boundary of the site.

There is remnant native woodland vegetation throughout private properties in the study area that connects to vegetation within reserves throughout the locality. Native woodland in the study area provides an aesthetic visual character.

Key receivers in the study area include rural residences, which occur as isolated properties, the Kangaroo Valley pumping and power station and power substation. The proposal site would also be visible for road users along local roads in the study area (refer Figure 1.1).

6.6.2 Potential impacts

Construction

Visual impacts during construction would generally be associated with:

- Plant and equipment
- Earthworks
- Establishment of the site compound and stockpile site.

These have the potential to temporarily affect views for the Kangaroo Valley pumping and power station, power substation and local road users. The residents in the study area are unlikely to be impacted due to their location being screened by native vegetation without a direct view of the proposal site.

Sensitive receivers would be affected by views of the construction of the proposal, including earthworks, construction plant and equipment and the compound and stockpile site.

The visual impacts of construction works would be temporary and relatively small-scale. It is anticipated that reinstatement of disturbed areas would reduce the visual impacts in the short to medium term after construction.

Operation

The construction of the proposal is unlikely to impact the visual amenity in the study area to more than a minor degree given the new reservoir would be located adjacent to similar existing infrastructure within the WTP. The proposal would be in keeping with the existing use of the land.

Safeguards and management measures to mitigate potential impacts on the visual amenity of the study area are detailed in Chapter 7.

6.7 Aboriginal heritage

6.7.1 Methodology

In assessing the potential impact of the proposal on Aboriginal heritage, the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010) was followed.

The proposal is not defined as a low impact activity under the *National Parks and Wildlife Regulation 2009* (NPW Regulation) as it involves excavation of soil. The due diligence process is therefore relevant to the proposal.

A search of the NSW Aboriginal Heritage Information Management System (AHIMS) was undertaken on 23 February 2021 for the proposal with a 200 metre buffer search area.

The study area generally has a high level of disturbance. Surveys were not required; as it is likely that previous disturbance has removed any existing sites of Aboriginal heritage. In addition, the trees to be removed are of a young age and/or planted.

6.7.2 Existing environment

The study area and proposal site have been substantially modified by the construction of Bendeela Pondage and associated power plant, power substation and local roads. The

proposal is located in the existing WTP site, which has previously been disturbed by the construction of the existing reservoir and associated infrastructure.

The AHIMS search results indicated that no Aboriginal sites or places have been recorded in or near the proposal site (refer Appendix C). No trees that could potentially bear Aboriginal scars would be removed by the proposal and the groundcover within the site is routinely disturbed by mowing.

6.7.3 Potential impacts

The proposal is not expected to impact on known Aboriginal cultural heritage. Nevertheless, the due diligence assessment process detailed in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010) was followed for the proposal as outlined in Table 6.1.

Table 6.1: Due diligence assessment

Due diligence matter	Response
1. Will the activity disturb the ground surface or any culturally modified trees?	Yes – the proposal would disturb the ground surface for the construction of the new reservoir and associated infrastructure, however, the proposal site is located in previously disturbed land excavated during construction of the Bendeela pondage. No trees with potential cultural scars would be removed by the proposal.
2a. Are there any relevant confirmed site records or other associated landscape feature information on AHIMS?	No - The results of the AHIMS search indicate that no Aboriginal sites or places have been recorded in or near the study area.
2b. Are there any other sources of information of which a person is already aware?	No - There are no other known studies of the area relevant to the proposal.
2c. Are there landscape features that are likely to indicate presence of Aboriginal objects?	No - There is one ephemeral drainage line located in the study area, which would not be directly impacted by the proposal. There are no other landscape features such as rock shelters, sand dunes, waterholes or wetlands present in the study area. The proposal is located on land that has been previously disturbed by clearing and construction of the WTP, pondage and other infrastructure. Because the site has previously been disturbed and no trees with potential cultural scars would be removed, no further investigation of Aboriginal heritage is necessary.

Safeguards and management measures to mitigate potential impacts on Aboriginal heritage are detailed in Chapter 7.

6.8 Non-Aboriginal heritage

6.8.1 Methodology

Heritage databases were searched on 23 February 2021 to identify any heritage items recorded in the study area, including the following:

- Australian Heritage database, for items and places of national heritage significance.
- NSW State Heritage Inventory, for items and places of State heritage significance.
- Heritage Schedule 5 of the Shoalhaven LEP for zoning and local heritage information.

6.8.2 Existing environment

There are no heritage listed items or sites located in the study area. The nearest items of heritage significance are located within the township of Kangaroo Valley, about four kilometres to the east of the study area (refer database searches in Appendix C).

6.8.3 Potential impacts

No items or sites with the potential to be of non-Aboriginal heritage significance were identified during the site visit in or near the proposal site. There are no listed items of heritage significance identified on the heritage databases located in the study area. It is unlikely that the proposal would cause any impacts to items or sites of non-Aboriginal heritage.

Safeguards and management measures to mitigate potential impacts on non-Aboriginal heritage are detailed in Chapter 7.

6.9 Traffic access

6.9.1 Existing environment

The proposal site is located off Jacks Corner Road, which runs east-west through the study area. Bendeela Road travels west from Kangaroo Valley in the east, until it meets Jacks Corner Road and diverts south, just east of the proposal site. These roads are sealed and classified as local roads under the responsibility of Council. There is a gravel access track surrounding Bendeela Pondage, which is used to access the pondage for maintenance.

6.9.2 Potential impacts

The proposal site would be accessed via the existing access road to the WTP off Jacks Corner Road. The existing access to the proposal site is satisfactory for the proposed works. During the construction phase, there would be a temporary increase in traffic entering and leaving the site.

Traffic would include construction personnel, contractors, delivery trucks and other machinery required to undertake the works. For the duration of the proposal, a small increase in light vehicle traffic movement is anticipated along Jacks Corner Road, Bendeela Road and Moss Vale Road from Kangaroo Valley. There is unlikely to be traffic delays during vehicle movement to and from the site with no traffic control required during the construction period. Access to all properties would be maintained throughout construction.

Provided the appropriate mitigation measures and controls are implemented as per Chapter 7, it is anticipated that the potential impacts associated with traffic and access would be minor as a result of the proposal.

6.10 Socio-economic

6.10.1 Existing Environment

The proposal site is located at Bendeela. There are no census statistics specifically for Bendeela, which is included in the statistics for Kangaroo Valley. At the time of the 2016 Census (ABS 2020) Kangaroo Valley had a population of 879 people. The mean age was 52 with a mean weekly household income of \$1,255. The town provides essential services, such as community facilities, shopping and schools. Kangaroo Valley is located within the Shoalhaven City Council area.

The 2016 Census (ABS 2020) provides the following core demographic data about Kangaroo Valley:

- The number of dwellings was 494, with an average household size of 2.3

- The proportion of people aged 19 years or under was 24.8 per cent
- The proportion of people aged 65 years or older was 28.2 per cent.
- The proportion of households with two motor vehicles was 36.2 per cent.
- People of Australian Aboriginal descent comprised 2.0 per cent of the population.

The top employment occupations for Kangaroo Valley (ABS 2020) are provided in Table 6.2.

Table 6.2: Top employment occupations for Kangaroo Valley

Industry	Number employed	Percentage of people employed
Managers	97	24.5
Professionals	88	22.2
Labourers	49	12.4
Community and personal service	45	11.4
Technicians and trades workers	39	9.8

The industry with the highest proportion of people employed in Kangaroo Valley is secondary education, accounting for 10.3 per cent (ABS 2020).

During construction there may be a minor reduction in amenity for sensitive receivers as a result of construction activities. Potential impacts on amenity have been assessed in the following sections of the REF:

- Noise and vibration (section 6.4)
- Air quality (section 6.5)
- Landscape and visual (section 6.6).

No land acquisition would be required for the proposal and potential impacts on the community are expected to be minimal.

Beneficial impacts

The proposal would provide a positive impact through a minor short-term increase in employment opportunities and procurement of local goods and services.

The proposal would have a long term positive impact on the Kangaroo Valley area, which is serviced by the Bendeela WTP, as it would provide the community with an improved standard of drinking water and secure the community's water supply.

Safeguards and management measures to mitigate potential impacts on socio-economic factors are detailed in Chapter 7.

6.11 Waste management

6.11.1 Policy setting

Shoalhaven Water is committed to ensuring responsible management of unavoidable waste and to promoting the reuse of such waste through appropriate measures. This is done in accordance with the resource management hierarchy principles contained in the *Waste Avoidance and Resource Recovery Act 2001*. The resource management hierarchy principles in order of priority as outlined in the *Waste Avoidance and Resource Recovery Act 2001* are:

- Avoidance of unnecessary resource consumption
- Resource recovery (including reuse, reprocessing, recycling and energy recovery)
- Diversion of Green waste, metal waste and E-waste
- Disposal.

By adopting the above principles, Shoalhaven Water encourages the most efficient use of resources and reduces cost and environmental harm.

6.11.2 Potential impacts

The proposal is unlikely to generate large quantities of waste. Waste would likely be generated from the following sources, some of which would be recycled or reused:

- Green waste from vegetation clearing (native and introduced vegetation). Priority weed material would be separated from native green waste
- Chemicals and oils
- Wastewater from wash-down and bunded areas
- Excess construction materials
- Redundant erosion and sediment controls
- Paper and office waste from site and management facilities
- General waste from staff (lunch packaging etc).

The proposal is not expected to generate large amounts of waste and excavated soil from earthworks is likely to be used as fill during construction.

Potential waste would be classified in accordance with the '*Waste Classification Guidelines*' (EPA 2014) and disposed of at an approved materials recycling or waste disposal facility.

Materials not reused would be removed to a licensed or approved waste facility. Liquid and solid waste would be removed by tanker or truck and disposed of off-site at a facility that is suitably licensed and able to accept those wastes for storage, reuse or disposal. Fuel and chemical storage areas would be bunded and protected in accordance with the specifications set out by DPIE and WorkCover (as detailed further in section 6.1).

Operational aspects of the proposal would be similar to those currently in place with regards to resource use and waste management. There would be limited volumes of waste generated and minimal resources used, and the primary source of waste would continue to be sludge, which is stored in the sludge lagoons existing on site.

Safeguards and management measures to mitigate potential impacts of waste are detailed in Chapter 7.

6.12 Demands on resources

6.12.1 Potential impacts

The proposal would require the use of a number of resources, including:

- Resources associated with the operation of construction machinery, and motor vehicles (this includes a variety of resources, primarily diesel and petrol)
- Materials required for the construction of various components of the proposal including concrete and pipes and the reservoir

- Construction water (for dust suppression). This would be likely sourced from the local potable supply.

The quantities of materials required for the proposal would be determined during detailed design.

The materials required during the proposed construction works are not currently restricted resources. However, materials such as metals and fuels are considered non-renewable and would be used conservatively.

Materials would be sourced from local and commercial suppliers, where possible. Excess materials would be disposed of in accordance with safeguards and management measures outlined in Chapter 7.

6.13 Cumulative impacts

6.13.1 Impact assessment

Potential cumulative impacts could occur as a result of the proposal occurring simultaneously with other projects in the locality or due to the accumulation of a number of impacts from one project. Developments in the locality with which the proposal has the potential to have cumulative impacts include:

- Agricultural development, predominantly comprised of grazing, which has transformed the land in the locality over the last 150 years
- Maintenance of infrastructure in the study area including the existing WTP, Bendeela Pondage, Kangaroo Valley pumping and power station and the power substation
- Maintenance of linear infrastructure projects including roads, powerlines, the transmission lines exiting the substation and services that have been constructed in the study area and locality.

There are no other known major developments occurring concurrently or planned in the locality.

The proposal is expected to have a positive impact to the Kangaroo Valley area serviced by the Bendeela WTP.

6.13.2 Potential impacts

The combined developments outlined above have the potential for minor cumulative impacts in relation to ecology due to vegetation removal and maintenance and spread of weeds, soils and water quality, visual amenity and air quality impacts.

6.14 Summary of adverse effects

The main adverse effects of the proposal would include:

- Removal of two planted trees and four regrowth trees (including two that are dead)
- Potential for soil erosion and water quality impacts during construction due to removal of about 0.01 hectares of groundcover vegetation (dominated by introduced species) and potential disturbance of an additional 0.07 hectares of introduced groundcover vegetation
- Potential construction noise impacts on nearby sensitive receivers
- Potential for a reduction in air quality caused by the generation of dust during construction
- Other changes in amenity and environmental risks including visual impacts and waste.

7. Environmental management measures

A number of safeguards and management measures have been identified to minimise potential adverse environmental impacts which could arise as a result of the proposal. Should the proposal proceed, these management measures would be incorporated into the detailed design and applied during the construction and operation of the proposal.

A CEMP would be prepared to describe safeguards and management measures identified in this REF. The CEMP would include a framework for establishing how these measures would be implemented and who would be responsible for their implementation. The safeguards and management measures are summarised in Table 7.1 and are to be included in the CEMP for implementation during the works.

Table 7.1: Summary of safeguards and management measures

Impact	Safeguard	Timing and responsibility
Soils, water quality, hydrology and groundwater - Soil erosion, sedimentation and water quality	<ul style="list-style-type: none"> • A soil and water management plan will be prepared as part of the CEMP for the proposal in accordance with the Blue Book - Soils and Construction - Managing Urban Stormwater Volume 1 (Landcom 2004) • The soil and water management plan will include but not be limited to: <ul style="list-style-type: none"> – A primary erosion and sedimentation control plan and a maintenance schedule for ongoing maintenance of temporary erosion and sediment controls – An incident emergency spill plan which will include measures to avoid spillages of fuels, chemicals, and fluids onto any surfaces or into any adjacent/nearby waterways • If considered necessary, an accredited soil conservationist may be engaged to provide advice during development and implementation of the soil and water management plan. The soil conservationist may regularly review and inspect works throughout the construction phase. 	Project manager Pre-construction
Soils, water quality, hydrology and groundwater - Soil erosion and sedimentation	<ul style="list-style-type: none"> • Sediment and erosion controls will be installed before the commencement of earthworks with particular focus on the drainage line in the south-east of the site • Erosion and sedimentation controls will be checked and maintained regularly during construction • High risk soil erosion activities such as earthworks will not be undertaken immediately before or during high rainfall or wind events. • Cease work during heavy rainfall events when there is a risk of sediment loss off-site or ground disturbance due to water logged conditions. • Topsoil excavated at the proposal site will be stockpiled separately for reuse in landscaping and rehabilitation works • Erosion and sediment control measures will be maintained until the works are complete and areas are stabilised. 	Project manager Construction
Soils, water quality, hydrology and	<ul style="list-style-type: none"> • All fuels, chemicals, and liquids will be stored within an impervious bunded area within the compound site with adequate storage capacity 	Project manager Construction

Impact	Safeguard	Timing and responsibility
groundwater - Soil and water contamination	<ul style="list-style-type: none"> • The refuelling of plant and maintenance of machinery would be undertaken offsite or in impervious bunded areas in the compound area. • Check machinery daily for oil, fuel or other liquid leaks Adequately stocked emergency spill kits will be kept on-site at all times • All staff will be inducted about incident and emergency procedures and made aware of the locations of emergency spill kits • Should a spill occur during construction, the emergency spill plan will be implemented. The EPA will be notified as required under Part 5.7 of the POEO Act. 	
Biodiversity - Loss of native vegetation and fauna habitat	<ul style="list-style-type: none"> • All staff will be inducted and informed of the limits of vegetation clearing and the areas of vegetation to be retained. Areas of vegetation not to be removed will be clearly marked prior to construction • Temporary exclusion fencing will be erected to prevent encroachment and clearing of native vegetation beyond the construction footprint • Stockpiles of construction materials will be restricted to existing cleared areas and not within areas of adjoining native vegetation 	Shoalhaven Water and Project manager Pre-construction
Biodiversity - Spread of weeds	<ul style="list-style-type: none"> • Priority weed control measures will be implemented as part of the CEMP to prevent their spread in the study area • Declared priority weeds will be managed according to requirements under the NSW <i>Biosecurity Act 2015</i> • Soil disturbance will be avoided as much as possible to minimise the potential for spreading weeds and generating sediment • Vehicles and plant will be cleaned prior to entering the site. 	Project manager Pre-construction and construction
Biodiversity – Chemical and fuel impacts on native vegetation	<ul style="list-style-type: none"> • Any herbicides used for weed control will be applied to the manufacturer's specifications and as outlined in the manufacturers Safety Data Sheet • Broad spectrum non-selective herbicides (residual herbicides) will not be used. Herbicides selected for use will be appropriate for the species being treated 	

Impact	Safeguard	Timing and responsibility
	<ul style="list-style-type: none"> • Spraying of herbicides will not be undertaken in windy weather or within such distance of a watercourse as will permit any of the herbicide to enter the water. 	
Landuse and property – Land use disruption	<ul style="list-style-type: none"> • Affected landowners and stakeholders, including the Kangaroo Valley pumping and power station will be consulted on an ongoing basis regarding the status and timing of construction. 	Project manager Construction
Noise and vibration - Construction noise and vibration impacts	<ul style="list-style-type: none"> • Neighbouring properties would be notified of construction prior to the commencement of the proposal. 	Pre-construction and construction Shoalhaven Water
Noise and vibration - Construction noise from inappropriate practices	<ul style="list-style-type: none"> • Inductions for the work crew would include the specific noise issues and mitigation measures required for the site. The induction would include: <ul style="list-style-type: none"> – all relevant project specific and standard noise mitigation measures – relevant approval conditions – permissible hours of work – location of nearest sensitive receivers – construction employee parking areas – designated loading/unloading areas and procedures – site opening/closing times (including deliveries) – behavioural practices including: <ul style="list-style-type: none"> – avoiding the use of outdoor radios when working outside the recommended standard hours – avoiding shouting and slamming doors – where practical, operating machines at low revs and switching off when not being used rather than left idling for prolonged periods – Minimise the use of compression braking when operating heavy vehicles – Minimising reversing alarms. 	Shoalhaven Water and Project manager Pre-construction

Impact	Safeguard	Timing and responsibility
Noise and vibration - Construction noise impacts	<ul style="list-style-type: none"> • Works will be carried out during standard working hours (i.e. 7 am – 6 pm Monday to Friday, 8 am – 1 pm Saturdays) • Where the predicted and/or measured construction noise is greater than the noise affected level, works would be conducted in accordance with the ICNG and all reasonable and feasible practices would be undertaken to minimise noise • Site setup and dismantling would occur during standard work hours, reducing noise impacts to sensitive receivers where possible. The site setup would seek to maximise the distance between plant and equipment and any residences and other noise sensitive receivers where practicable. For example, vehicle movements and generator storage would be located as far as possible from residences • Machines found to produce excess noise compared to industry best practice would be removed from the site or stood down until repairs or modifications can be made • Any noise complaints would be addressed immediately in accordance with a standard resolution procedure (as documented in the CEMP). Property owners/occupiers potentially impacted by the construction works would be informed in advance of the proposed work and provided a contact phone number for any complaints or concerns during the construction period. 	Project manager Construction
Air quality - General air quality impacts	<ul style="list-style-type: none"> • Construction activities will be managed to minimise the emission of dust, smoke, and other substances. 	Project manager Construction
Air quality - Dust	<ul style="list-style-type: none"> • Air quality impacts relating to dust generated by construction vehicles will be visually monitored • Exposed unsealed surfaces will be watered regularly to minimise dust emissions, if required • Materials transported to and from the site would be covered to reduce dust generation in transit. • The CEMP will include a wind speed trigger level which will require assessment of construction activities, ensuring the potential for dust emissions are considered. Construction activities likely to result in dust generation will cease until appropriate controls (dust suppression) can be implemented 	Project manager Construction

Impact	Safeguard	Timing and responsibility
	<ul style="list-style-type: none"> The site access point will be inspected to determine whether sediment is being transferred to the surrounding road network. If required, sediment associated with the proposal will be removed from roads to minimise dust generation. Stabilisation of disturbed surfaces will take place as soon as practicable Areas that may generate dust will be managed to suppress dust emissions. 	
Air quality - Other emissions	<ul style="list-style-type: none"> Plant and machinery will be turned off when not in use as much as possible and will be fitted with emission control devices complying with Australian Design Standards Construction plant and equipment will be maintained in a good working condition in order to limit impacts on air quality. Plant maintenance and operational checks will be documented on the plant and machinery daily pre-start checks No burning of any materials will occur. 	Project manager Construction
Landscape and visual - Visual impacts of proposal	<ul style="list-style-type: none"> The footprint for construction works will be kept to a minimum to minimise earthworks and maintain existing vegetation wherever possible Sites disturbed by earthworks will be rehabilitated as soon as possible after construction. 	Project manager Construction
Landscape and visual - Visual impacts of construction works	<ul style="list-style-type: none"> The work site will be left in a tidy manner at the end of each work day. 	Pre-construction and construction Shoalhaven Water and contractor
Aboriginal heritage - Potential impacts to unexpected finds	<ul style="list-style-type: none"> The CEMP is to include an unexpected finds procedure to be implemented in the event of an unexpected find. In the event of an unexpected find of an Aboriginal heritage item (or suspected item), all works in the vicinity of the find must cease and the site supervisor will be contacted immediately for advice on how to proceed 	Pre-construction Shoalhaven Water and contractor

Impact	Safeguard	Timing and responsibility
	<ul style="list-style-type: none"> If the origin of the find cannot be determined quickly, or if it is determined that the find is of Aboriginal origin, immediately notify Biodiversity Conservation Division (BCD – formerly OEH): ph. 131 555. 	
Aboriginal heritage - Potential impacts to unexpected human remains	<ul style="list-style-type: none"> Cease all ground surface disturbance in the area of the find(s) immediately by notifying machinery operators in the immediate vicinity of the find(s). Also avoid touching the discovered remains Inform the site supervisor as soon as possible to organise for a qualified professional opinion (usually the police in the first instance) Create a buffer zone of 50 metres by 50 metres around the find spot. No authorised entry or earth disturbance will be allowed until the discovery has been assessed. 	Shoalhaven Water and Project manager Construction
Non-Aboriginal heritage - Potential impacts to unexpected finds	<ul style="list-style-type: none"> The CEMP is to include an unexpected finds procedure to be implemented in the event of an unexpected find. In the event of an unexpected find of a non-Aboriginal heritage item (or suspected item), all works in the vicinity of the find must cease and the site supervisor will be contacted immediately for advice on how to proceed Works will not recommence until the heritage value and associated protection and any approval requirements have been determined Shoalhaven Water will notify BCD if any item (or suspected item) of non-Aboriginal heritage is found during construction to determine the appropriate course of action. 	Shoalhaven Water and Project manager Construction
Traffic access - Construction impacts to traffic	<ul style="list-style-type: none"> Appropriate traffic management would be implemented, potentially including measures to provide safe access points to work areas from the adjacent road network, safety barriers, temporary speed restrictions, specific controls for partial road closures and changed road conditions, adequate sight distances and prominent warning signage and provision of barriers and markers to control public access and traffic around the proposal site. 	Construction Contractor
Traffic access - Construction impacts to traffic and property access	<ul style="list-style-type: none"> All property accesses would be maintained throughout the construction period. 	Pre-construction

Impact	Safeguard	Timing and responsibility
		Shoalhaven Water and contractor
Socio-economic - General impacts to properties	<ul style="list-style-type: none"> • Potentially affected property owners, including the Kangaroo Valley pumping and power station, will be contacted before the commencement of works. Residents will be notified via a letter box drop providing information on the proposed works, working hours and a contact name and number should any complaints wish to be registered. 	Construction Contractor
Waste management - General waste impacts	<ul style="list-style-type: none"> • A CEMP will be prepared that would include waste management procedures. This would focus on minimising waste generated through careful planning of works. Where waste is produced, the CEMP will recommend appropriate disposal methods. Waste minimisation will occur according to the hierarchy of avoidance, reuse, recycle and finally disposal. • Excavated material must be temporarily stored in a bunded area or with appropriate environmental controls in place to prevent run-off of contaminants. 	Shoalhaven Water Pre-construction and construction
Waste management - General waste impacts	<ul style="list-style-type: none"> • Site inductions will be undertaken (and recorded) by a site supervisor for all staff, to provide a thorough knowledge of all key environmental/safety issues, including waste disposal protocols • Wastes will be managed and classified in accordance with the <i>Waste Classification Guidelines</i> (EPA 2014) and managed in accordance with the POEO Act • All waste will be disposed of at appropriately approved and licensed facilities • Garbage receptacles will be provided and recycling of materials encouraged. Rubbish will be transported to an appropriate waste disposal facility. • Where appropriate, excess materials will be disposed of according to the following (in order): <ul style="list-style-type: none"> – Use remaining materials as directed by Shoalhaven Water and Contractor – Disposal at an approved materials recycling or waste disposal facility – As otherwise provided for by the relevant waste legislation. • Waste material will not be left on site once the works have been completed. 	Pre-construction Contractor

Impact	Safeguard	Timing and responsibility
Demands on resources - Resource consumption	<ul style="list-style-type: none"> • The procurement of materials would be limited to the quantities required for the proposal • Procurement would endeavour to use materials and products with a recycled content where that material or product is cost and performance effective. 	Construction Contractor

8. Environmental management

This chapter describes how the proposal would be managed to reduce potential environmental impacts throughout construction and operation. A framework for managing the potential impacts is provided with reference to environmental management plans. The licence and/or approval requirements required before construction are identified.

8.1 Environmental management plan

A number of safeguards and management measures have been identified in order to minimise adverse environmental impacts, including social impacts, which could potentially arise as a result of the proposal. Should the proposal proceed, these management measures would be applied during the construction of the proposal.

A CEMP would be prepared to describe safeguards and management measures identified. The CEMP would provide a framework for establishing how these measures would be implemented and who would be responsible for their implementation.

The plans would be prepared by the Construction Contractor and approved by Shoalhaven Water prior to commencement of construction. The CEMP would be a working document, subject to ongoing change and updated as necessary to respond to specific requirements.

8.2 Licensing and approvals

The proposal would require the following approvals for construction:

- Section 60 approval under the *Local Government Act 1993* to construct or extend water treatment works from the Minister for Water, Property and Housing. This approval will need to be obtained through the Department of Industry – Lands and Water.

9. Conclusion

This chapter provides the justification for the proposal taking into account its biophysical, social and economic impacts, the suitability of the site and whether or not the proposal is in the public interest. The proposal is also considered in the context of the objectives of the EP&A Act, including the principles of ecologically sustainable development as defined in schedule 2 of the Environmental Planning and Assessment Regulation 2000.

9.1 Justification

The proposal is required to improve the chlorine contact times for water disinfection at the Bendeela WTP and to secure the water supply for the Kangaroo Valley area. In its current capacity water is subject to low chlorine contact time. Bushfires in 2020 also identified the need to secure the water supply for the area by making the water supply system more robust.

There would be a number of adverse environmental impacts as a consequence of the proposal. These impacts are mostly considered short-term, being directly related to construction activities.

The primary impacts during construction include:

- Removal of two planted trees and four regrowth trees (including two that are dead)
- Potential for soil erosion and water quality impacts during construction from the removal of about 0.01 hectares of groundcover vegetation dominated by introduced species and potential disturbance of an additional 0.07 hectares of introduced groundcover vegetation
- Potential construction noise impacts on nearby sensitive receivers
- Potential for a reduction in air quality caused by the generation of dust during construction
- Other changes in amenity and environmental risks including visual impacts and waste.

Due to the relatively small scale of the proposal and the proposed safeguards, the proposal would be unlikely to cause significant environmental impacts during construction.

Where possible, impacts would be avoided or minimised through the implementation of site-specific safeguards. The proposal is unlikely to have a significant long-term impact on the environment or the community. On balance, it is considered that the adverse environmental impacts of the proposal are outweighed by the benefit of the proposal and that the proposal is therefore justified.

9.2 Objects of the EP&A Act

The objects of the EP&A Act and relevance to the proposal are listed in Table 9-1.

Table 9-1: Objects of the EP&A Act

Object	Comment
5(a)(i) To encourage the proper management, development and conservation of natural and artificial resources, including agricultural land, natural areas, forests, minerals, water, cities, towns and villages for the purpose of promoting the social and economic welfare of the community and a better environment.	The proposal would remove two planted trees and four regrowth trees (including two that are dead). Groundcover to be removed is dominated by introduced species, hence there is the potential for the further spread of weeds in the study area. The proposal has the potential to cause impacts to sensitive receivers in the study area during construction through noise and generation of dust.

Object	Comment
5(a)(ii) To encourage the promotion and co-ordination of the orderly economic use and development of land.	Shoalhaven Water is undertaking environmental assessments required to properly plan and develop the proposal without undue impacts to the local economy.
5(a)(iii) To encourage the protection, provision and co-ordination of communication and utility services.	There are no utilities in the study area that would require relocation during construction. The proposal would not disrupt any services in the area.
5(a)(iv) To encourage the provision of land for public purposes.	The proposal would not impact on any land used for public purposes.
5(a)(v) To encourage the provision and co-ordination of community services and facilities.	The proposal is unlikely to affect the use of community facilities by the public.
5(a)(vi) To encourage the protection of the environment, including the protection and conservation of native animals and plants, including threatened species, populations and ecological communities, and their habitats.	The proposal would remove two planted trees and four regrowth trees (including two that are dead). Groundcover to be removed is dominated by introduced species, hence there is the potential for the spread of weeds in the study area. The proposal would be unlikely to have a significant impact on any listed species, population or ecological community.
5(a)(vii) To encourage ecologically sustainable development.	Ecologically sustainable development is considered in Sections 9.2.1 to 9.2.4 below.
5(a)(viii) To encourage the provision and maintenance of affordable housing.	Not relevant to the project.
5(b) To promote the sharing of the responsibility for environmental planning between different levels of government in the State.	Not relevant to the project.
5(c) To provide increased opportunity for public involvement and participation in environmental planning and assessment.	Shoalhaven Water will undertake liaison with affected parties as part of the proposal, including nearby residents and the Kangaroo Valley pumping and power station. Potential issues arising from the proposal have been addressed during the environmental planning and assessment process.

9.2.1 The precautionary principle

This principle states that “*if there are threats of serious or irreversible damage, lack of scientific certainty should not be used as a reason for postponing measures to prevent environmental degradation*”.

The environmental consequences of the proposal have been assessed as accurately as possible using appropriate specialists in relevant disciplines where required. The assessment process involved analysis and interpretation of the potential environmental impacts associated with the proposal. This process has enabled the impacts of the proposal to be predicted within a reasonable degree of certainty. All predictions, however, contain a degree of variability, which reflects the variable nature of the environment.

The proposed works are not anticipated to result in serious or irreversible damage. Under the proposal, as a requirement of the CEMP, environmental monitoring will be undertaken as a precautionary measure to reduce any uncertainty regarding the potential for environmental damage. No mitigation measures or management mechanisms would be postponed as a result of a lack of information.

9.2.2 Intergenerational equity

The principle states that *"the present generation should ensure that the health, diversity and productivity of the environment is maintained or enhanced for the benefit of future generations"*.

The proposal would have a long-term benefit for future generations by providing a secure water supply for the community.

The proposal would benefit future generations by ensuring that proposed works do not give rise to significant long-term adverse impacts. Potential impacts would be minimised by the implementation of appropriate safeguards.

Should the proposal not proceed, the principle of intergenerational equity may be compromised, as future generations would inherit a water treatment plant not capable of providing a secure water supply with appropriate water disinfection.

9.2.3 Conservation of biological diversity and ecological integrity

This principle states that the *"diversity of genes, species, populations and communities, as well as the ecosystems and habitats to which they belong, must be maintained and improved to ensure their survival"*.

An assessment of the existing local environment has been undertaken in order to identify and manage any potential impacts of the proposal on local biodiversity. The proposal would remove two planted trees and four regrowth trees (including two that are dead). Groundcover to be removed is dominated by introduced species. This vegetation is considered to provide marginal habitat for flora and fauna species. The proposal is considered unlikely to significantly impact on any species, population or ecological community listed under the BC Act or EPBC Act.

An ecological assessment and appropriate site-specific safeguards are provided in section 6.2 and Chapter 7 of this REF. Safeguards include consideration of design impacts on biodiversity, vegetation management and weed management.

9.2.4 Improved valuation, pricing and incentive mechanisms

This principle requires that *"costs to the environment should be factored into the economic costs of a project"*.

The REF has examined the environmental consequences of the proposal and identified mitigation measures for areas which have the potential to experience adverse impacts. Requirements imposed in terms of implementation of these mitigation measures would result in an economic cost to Shoalhaven Water. The implementation of mitigation measures would increase both the capital and operating costs of the proposal. This signifies that environmental resources have been given appropriate valuation.

The design for the proposal has been developed with an objective of minimising potential impacts on the surrounding environment. This indicates that the proposed works have been developed with an objective to minimise environmental impacts.

9.3 Conclusion

Shoalhaven Water proposes to construct a new reservoir at the Bendeela WTP located at Jacks Corner Road, Kangaroo Valley, to improve the chlorine contact time for water disinfection and secure the water supply for the Kangaroo Valley area. The proposal includes associated interconnection works and a new high security fence surrounding the site.

The proposal is subject to assessment under Part 5 of the EP&A Act. The REF has examined and taken into account to the fullest extent possible all matters affecting or likely to affect the environment by reason of the proposed activity.

The proposal as described in this REF best meets the project objectives but would still result in impacts relating to soils, biodiversity, noise and air quality.

Adverse environmental effects would be minimised through the implementation of safeguards and mitigation measures outlined in this REF.

On balance, it is considered that the adverse environmental impacts of the proposal are outweighed by the beneficial effects and that the proposal is therefore justified.

This REF concludes that the proposal is unlikely to have a significant impact on any species, population or ecological community listed under the *Biodiversity Conservation Act 2016* or *Fisheries Management Act 1994*. A species impact statement is therefore not required.

The proposal is predicted to have some potential environmental impacts resulting from the construction stage; however these are considered minor and short-term and can be adequately managed by implementing the recommended mitigation measures outlined in Chapter 7. The proposal is unlikely to result in significant environmental impacts. Accordingly an Environmental Impact Statement (EIS) is not required.

This REF finds that the proposal is unlikely to have a significant impact on any matter of national environmental significance listed under the *Environment Protection and Biodiversity Conservation Act 1999*. A referral to the Commonwealth Department of Agriculture, Water and the Environment is not therefore required.

COUNCIL STRATEGY & ASSETS COMMITTEE 20 July 2021 - Item SA21.171

RESOLVED (Clr Findley / Clr White)

MIN21.515

That Council, after consideration of the Review of Environmental Factors for the Bendeela Reservoir, dated May 2021:

1. Determine that it is unlikely that there will be any significant environmental impact as a result of the proposed works and an Environmental Impact Statement is therefore not required for the proposed activity.
2. Adopt and implement the proposed mitigation measures and controls outlined in the Review of Environmental Factors.

CARRIED

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11. Terms and acronyms used in this REF

AHIMS	Aboriginal Heritage Information Management System
BCD	Biodiversity Conservation Division (formerly OEH)
BC Act	<i>Biodiversity Conservation Act 2016</i>
Biota	The flora and fauna of a region.
CEMP	Construction Environmental Management Plan
DAWE	Department of Agriculture, Water and the Environment
DECC	Department of Environment and Climate Change, now DPIE (see below)
DECCW	NSW Department of Environment, Climate Change and Water, now DPIE (see below)
DotEE	Commonwealth Department of the Environment and Energy, now DAWE (see above)
DPIE	Department of Planning, Industry and Environment
DSEWPaC	Commonwealth Department of Sustainability, Environment, Water, Populations and Communities, now DAWE (see above)
EIS	Environmental Impact Statement
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
EP&A Regulation	Environmental Planning and Assessment Regulation 2000
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999</i>
ESD	Ecologically sustainable development. Development which uses, conserves and enhances the resources of the community so that ecological processes on which life depends, are maintained and the total quality of life, now and in the future, can be increased.
GHD	GHD Pty Ltd
Hydrology	Term given to the study of the rainfall and runoff process; in particular, the evaluation of peak flows, flow volumes and the derivation of hydrographs for a range of floods.
ISEPP	<i>State Environmental Planning Policy (Infrastructure) 2007</i>
LALC	Local Aboriginal Land Council
LEP	Local Environmental Plan
LGA	Local government area
Likely	Taken to be a real chance or possibility.
Locality	The area within a 10 kilometre radius of the proposal.
NPW Act	<i>National Parks and Wildlife Act 1974</i>
NSW	New South Wales
OEH	NSW Office of Environment and Heritage (now BCD)
POEO Act	<i>Protection of the Environment Operations Act 1997</i>
Proposal site	The area that would be directly impacted by the proposal.
REF	Review of environmental factors
SEPP	State Environmental Planning Policy
Study area	The area of impact and any additional areas, which are likely to be affected by the proposal, either directly or indirectly. Generally this includes the area up to 500 metres from the proposal boundary.

Threatened species	A species specified in Schedule 1 Part 1 (critically endangered species), Part 2 (endangered species) Part 3 (vulnerable species) and Schedule 3 (presumed extinct) of the BC Act, in Schedule 4 (endangered species), 4A (critically endangered species) and Schedule 5 (vulnerable species) or under the EPBC Act.
Unlikely	Taken to be an unlikely or remote possibility of occurring.

Appendices

Appendix A – Consideration of clause 228 (2) factors and matters of national environmental significance

Clause 228(2) factors

In addition to the requirements of the guideline 'Is an EIS required?' as detailed in the REF, the following factors, listed in clause 228(2) of the Environmental Planning and Assessment Regulation 2000, have also been considered to assess the likely impacts of the proposal on the natural and built environment.

Factor	Impact
a. Any environmental impact on a community?	
Sensitive receivers in the study area would potentially be affected during construction by noise from construction plant, machinery and vehicles as well as air quality impacts through generation of dust. Visual impacts would occur from earthworks, machinery and temporary stockpiling of materials. These impacts would be short-term and would be minimised through the implementation of safeguards detailed in Chapter 7.	Short-term minor negative
The proposal would benefit the community by providing a secure water supply for the Kangaroo Valley and appropriate chlorine contact times for water disinfection.	Long-term positive
b. Any transformation of a locality?	
The construction of the proposal would have minor short-term visual impacts through the excavation of the site. The impacts would be temporary and limited to the construction period. The site would be rehabilitated following construction and the proposal would be in keeping with the current water treatment plant.	Short-term minor negative
c. Any environmental impact on the ecosystems of the locality?	
During construction there is an increased risk of impacts such as erosion leading to water quality impacts and chemical and fuel spills. These risks would be minimised through the implementation of safeguards detailed in Chapter 7.	Short-term minor negative
The proposal would remove two planted trees and four regrowth trees (including two that are dead). Groundcover to be removed is dominated by introduced species, hence the potential to cause the further spread of weeds in the study area. Safeguards to minimise impacts would be implemented as described in Chapter 7. The proposal would be unlikely to have a significant impact given the minor extent of vegetation removal required.	Long-term minor negative
d. Any reduction of the aesthetic, recreational, scientific or other environmental quality or value of a locality?	
Sensitive receivers in the study area would potentially be affected during construction by impacts as detailed in (a) above.	Short-term minor negative
e. Any effect on a locality, place or building having aesthetic, anthropological, archaeological, architectural, cultural, historical, scientific or social significance or other special value for present or future generations?	
The proposal is unlikely to impact on any sites with potential heritage or other social values. Safeguards to avoid or minimise impacts on heritage would be implemented as detailed in Chapter 7.	Nil
f. Any impact on the habitat of protected fauna (within the meaning of the <i>National Parks and Wildlife Act 1974</i>)?	

Factor	Impact
<p>The proposal would remove two planted trees and four regrowth trees (including two that are dead). Groundcover to be removed is dominated by introduced species. This vegetation to be removed is a very minor extent of the vegetation within the study area and surrounding locality and provides marginal habitat for native fauna protected under the NPW Act, including species listed as threatened under the BC Act, as described in (g) below. The ecological assessment found that the proposal would be unlikely to significantly impact fauna species due to the limited vegetation removal required and the presence of additional habitat in the study area. Safeguards would be implemented as described in Chapter 7.</p>	<p>Long-term minor negative</p>
<p>g. Any endangering of any species of animal, plant or other form of life, whether living on land, in water or in the air?</p>	
<p>The proposal would remove two planted trees and four regrowth trees (including two that are dead). Groundcover to be removed is dominated by introduced species, hence the potential to cause the further spread of weeds in the study area. The proposal would be unlikely to endanger any species of animal, plant or other form of life due to the minor extent of vegetation removal required. Safeguards to minimise impacts would be implemented as described in Chapter 7.</p>	<p>Long-term minor negative</p>
<p>h. Any long-term effects on the environment?</p>	
<p>The proposal could potentially cause minor long-term ecological impacts as described in (g) above.</p>	<p>Long-term minor negative</p>
<p>The proposal would benefit the community by providing a secure water supply for the Kangaroo Valley and appropriate chlorine contact times for water disinfection.</p>	<p>Long-term positive</p>
<p>i. Any degradation of the quality of the environment?</p>	
<p>Sensitive receivers in the study area could potentially be affected by construction impacts as described in (a) above.</p>	<p>Short-term minor negative</p>
<p>The proposal would have a minor impact on the quality of the environment through the ecological impacts described in (g) above.</p>	<p>Long-term minor negative</p>
<p>j. Any risk to the safety of the environment?</p>	
<p>There is potential for safety to be reduced during the construction of the proposal. Traffic management safeguards described in Chapter 7 would address safety risks in relation to work near roads. Standard safety measures would be implemented to restrict public access to the proposal site during construction.</p>	<p>Short-term minor negative</p>
<p>k. Any reduction in the range of beneficial uses of the environment?</p>	
<p>The proposal would not result in any reduction to the range of beneficial uses of the environment</p>	<p>Short-term minor negative</p>
<p>l. Any pollution of the environment?</p>	
<p>Sensitive receivers in the study area could potentially be affected by construction impacts as described in (a) above.</p>	<p>Short-term minor negative</p>
<p>Construction of the proposal could potentially result in soil and water pollution, including the drainage lines in the study area. Pollution could result from sedimentation or chemical and fuel spills. Management of soil and water quality impacts would be undertaken in accordance with the safeguards outlined in Chapter 7.</p>	<p>Short-term minor negative</p>
<p>Waste generated during construction could also pollute the environment. Waste would be managed in accordance with the safeguards outlined in Chapter 7.</p>	<p>Short-term minor negative</p>
<p>m. Any environmental problems associated with the disposal of waste?</p>	
<p>The proposal would be unlikely to generate contaminated waste during construction. Other waste streams generated during construction are</p>	<p>Nil</p>

Factor	Impact
common and would pose no difficulty in their disposal. Waste would be recycled wherever possible. Waste would be managed in accordance with the safeguards outlined in Chapter 7.	
n. Any increased demands on resources (natural or otherwise) that are, or are likely to become, in short supply?	
All resources required for the proposal are readily available and are not in short supply.	Nil
o. Any cumulative environmental effect with other existing or likely future activities?	
The cumulative effects of the proposal are discussed in section 6.13. Short-term cumulative impacts relate to soils and water quality, visual amenity and air quality impacts. The proposal would be likely to have relatively minor cumulative impacts in relation to these factors. There are no other known projects occurring in the study area.	Short-term minor negative
p. Any impact on coastal processes and coastal hazards, including those under projected climate change conditions?	
The proposal is not located within a coastal area, and would not cause any impact on coastal processes and coastal hazards.	Nil

Matters of national environmental significance

Factor	Impact
a. Any impact on a World Heritage property?	
The proposal would not have any impact on a World Heritage property. There are no World Heritage properties within 10 kilometres of the proposal.	Nil
b. Any impact on a National Heritage place?	
The proposal would not have any impact on a National Heritage place. There are no National Heritage places located within 10 kilometres of the proposal.	Nil
c. Any impact on a wetland of international importance?	
The proposal would not have any impact on a wetland of international importance and none are located within the locality of the proposal.	Nil
d. Any impact on listed threatened species or communities?	
The proposal would remove two planted trees and four regrowth trees (including two that are dead). Groundcover to be removed is dominated by introduced species. The proposal site and surrounding study area is not known to provide habitat to any listed species and the proposal is unlikely to have a significant impact on listed matters due to the minor extent of vegetation removal required. There is significant additional habitat available in the study area and locality. Safeguards would be implemented as described in Chapter 7.	Negligible
e. Any impacts on listed migratory species?	
The proposal is unlikely to affect any species listed as migratory under the EPBC Act.	Nil
f. Any impact on a Commonwealth marine area?	
The proposal is not located near a marine area and would be unlikely to have an impact on a marine area.	Nil
g. Does the proposal involve a nuclear action (including uranium mining)?	
The proposal does not involve a nuclear action.	Nil

Factor	Impact
h. Any impact on the Great Barrier Reef Marine Park?	
The proposal would not result in any impacts to the Great Barrier Reef Marine Park due to its distance from the park.	Nil
i. Any environmental impact on a water resource, in relation to coal seam gas development and large coal mining development?	
The proposal is not a coal seam gas or large coal mining development.	Nil
j. Additionally, any impact (direct or indirect) on Commonwealth land?	
The proposal would not have any impact on Commonwealth land. There is no Commonwealth land within the proposal site.	Nil
k. The environment, where Commonwealth agencies are proposing to take action?	
Shoalhaven Water is not a Commonwealth agency.	Nil

Appendix B – Likelihood of occurrence

An evaluation of the likelihood and extent of impact to threatened and migratory fauna recorded from within the Shoalhaven City Council LGA (BC Act threatened species); and within a 10 kilometre radius of the proposal site (EPBC Act threatened and migratory species). Records are from the EPBC Environmental Reporting Tool available from the Department of the Environment and Energy (DotEE) website. Ecology information has been obtained from the Threatened Species Profiles on the NSW OEH website (<http://www.environment.nsw.gov.au/threatenedspecies/>) and from the Species Profiles and Threats Database on the Commonwealth DotEE website (<http://www.environment.gov.au/cgi-bin/sprat/public/sprat.pl>).

Status

National - Commonwealth *Environment Protection and Biodiversity Conservation Act 1999*.

NSW - *Biodiversity Conservation Act 2016* or *Fisheries Management Act 1994*

- E – Endangered
- CE – Critically Endangered
- EP – Endangered population
- V – Vulnerable
- Mi – Migratory

Likelihood of occurrence in study area

- **Recorded** – The species was observed in the study area during the current survey
- **High** – It is highly likely that a species inhabits the study area and is dependent on identified suitable habitat (i.e. for breeding or important life cycle periods such as winter flowering resources), has been recorded recently in the locality (within 10 kilometres) and is known or likely to maintain resident populations in the study area. Also includes species known or likely to visit the study area during regular seasonal movements or migration
- **Moderate** – Potential habitat is present in the study area. Species unlikely to maintain sedentary populations, however may seasonally use resources within the study area opportunistically or during migration. The species is unlikely to be dependent (ie. for breeding or important life cycle periods such as winter flowering resources) on habitat within the study area, or habitat is in a modified or degraded state. Includes cryptic flowering flora species that were not seasonally targeted by surveys and that have not been recorded
- **Low** – It is unlikely that the species inhabits the study area and has not been recorded recently in the locality (within 10 kilometres). It may be an occasional visitor, but habitat similar to the study area is widely distributed in the local area, meaning that the species is not dependent (i.e. for breeding or important life cycle periods such as winter flowering resources) on available habitat. Specific habitat is not present in the study area or the species are a non-cryptic perennial flora species that were specifically targeted by surveys and not recorded
- **None** – Suitable habitat is absent from the study area.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Flora							
Bynoe's Wattle	<i>Acacia bynoeana</i>	E	V	Species or species' habitat may occur within 10km (DAWE 2021a)	Endemic to central eastern NSW, known a limited number of locations, often comprising populations of few plants. Grows mainly in heath/ dry sclerophyll forest on sandy soils, prefers open, sometimes slightly disturbed sites such as trail margins, road edges, and in recently burnt open patches. Flowers September to March, and fruit matures in November.	Acacias in the proposal site were identified as <i>Acacia decurrens</i> . The species does not occur in the proposal site.	Nil.
Deane's Boronia	<i>Boronia deanei</i>	V	V	Species or species' habitat known to occur within 10km (DAWE 2021a)	This small erect shrub is found in scattered populations between the far south-east of NSW and the Blue Mountains (including the upper Kangaroo River near Carrington Falls, the Endrick River near Nerriga and Nalbaugh Plateau), mainly in conservation reserves. The species grows on the margins of high altitude swamps, in wet heath on sandstone, and in drier open forest.	Shrubs to be removed by the proposal were identified as eucalypt and acacia species. The species does not occur in the proposal site.	Nil.
Thick Lip Spider Orchid	<i>Caladenia tessellata</i>	E	V	Species or species' habitat likely to occur within 10km (DAWE 2021a)	Occurs from Central Coast NSW to southern Victoria. Mostly coastal but extends inland to Braidwood in southern NSW. In NSW grows in grassy dry sclerophyll woodland on clay loam or sandy soils, and less commonly in heathland on sandy loam soils. Flowers between September and November.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Leafless Tongue Orchid	<i>Cryptostylis hunteriana</i>	V	V	1 record within 10km, last recorded 2003 (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	Occurs in coastal areas from East Gippsland to southern Queensland. Habitat preferences not well defined. Grows mostly in coastal heathlands, margins of coastal swamps and sedgeland, coastal forest, dry woodland, and lowland forest. Prefers open areas in the understorey and is often found in association with Large Tongue Orchid and the Bonnet Orchid. Soils include moist sands, moist to dry clay loam and occasionally in accumulated eucalypt leaves. Flowers November-February.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur.	Very low.
White-flowered Wax Plant	<i>Cynanchum elegans</i>	E	E	Species or species' habitat likely to occur within 10km (DAWE 2021a)	Occurs from Gerroa (Illawarra) to Brunswick Heads and west to Merriwa in the upper Hunter. Most common near Kempsey. Usually occurs on the edge of dry rainforest or littoral rainforest, but also occurs in Coastal Banksia Scrub, open forest and woodland, and Melaleuca scrub. Soil and geology types are not limiting. Flowering occurs between August and May, with the peak in November.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur.	Very low.
Camden Woollybutt	<i>Eucalyptus macarthurii</i>	E	E	Species or species' habitat likely to occur within 10km (DAWE 2021a)	Occurs from Moss Vale to Kanangra Boyd National Park. In the Southern Highlands occurs mainly on private land, often as isolated paddock trees. Grows in grassy woodlands on relatively fertile soils on broad cold flats.	This species was not recorded in the proposal site and is unlikely to occur due to lack of broad cold flats as habitat.	Nil.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Tangled Bedstraw	<i>Galium australe</i>	E		2 records within 10km, last recorded 2002 (DEES 2021a)	Tangled Bedstraw has been recorded historically in the Nowra (Colymea) and Narooma areas and is extant in Nadgee Nature Reserve, south of Eden. Range of habitats in NSW including a valley floor, alluvial soil beside a creek, heathland in a rocky gully, and the top of an escarpment above a creek. In other states known from a range of near-coastal habitats.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur.	Very low.
Bauer's Midge Orchid	<i>Genoplesium baueri</i>	E	E	Species or species' habitat likely to occur within 10km (DAWE 2021a)	Occurs from Ulladulla to Port Stephens, with only 13 known extant populations. Grows in sparse sclerophyll forest and moss gardens over sandstone. Flowers from February to March.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur.	Very low.
Wingello Grevillea	<i>Grevillea molyneuxii</i>	V	E	1 record within 10km, last recorded 2001 (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	Restricted to a small area south of Penrose, above Tallowa Gully and Bundanoon Creek, in Morton National Park and on Crown Land. Grows in low heathland on sandstone, in skeletal soil on flat, wet sandstone shelves above dissected valleys. Prefers open areas within heathland patches and colonises tracks that bisect its habitat.	There were no Grevillea species identified in the proposal site to be removed. The species does not occur.	Nil.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Wingless Raspwort	<i>Haloragis exalata subsp. exalata</i>	V	V	Species or species' habitat likely to occur within 10km (DAWE 2021a)	Square Raspwort occurs in 4 widely scattered localities in eastern NSW. It is disjunctly distributed in the Central Coast, South Coast and North Western Slopes botanical subdivisions of NSW. Requires protected and shaded damp situations in riparian habitats.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur. There is no riparian habitat in the proposal site.	Very low.
	<i>Helichrysum calvertianum</i>	V		3 records within 10km, last recorded 2010 (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	Known from dry sclerophyll forest and heathland with rock outcrops, predominantly on Hawkesbury sandstone soils at altitudes 650-855m.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur. There is no rock outcrop habitat in the proposal site.	Very low.
Illawarra Irene	<i>Irenepharsus trypherus</i>	E	E	56 records within 10km (DEES 2021a); Species or species' habitat known to occur within	Recorded from 18 sites within the Kiama, Shellharbour, Shoalhaven, Tallaganda, Wingecarribee and Wollongong LGAs. Typically inhabits steep rocky slopes near cliff lines and ridge tops. Associated vegetation includes moist sclerophyll forest, Ironwood Backhousia myrtifolia thicket, and rainforest.	There is no suitable steep rocky slope habitat in the proposal site to be removed. The species is unlikely to occur.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
				10km (DAWE 2021a)			
Deane's Melaleuca	<i>Melaleuca deanei</i>	V	V	Species or species' habitat may occur within 10km (DAWE 2021a)	Occurs from Nowra to St Albans and west to the Blue Mountains, with most records in Ku-ring-gai/Berowra and Holsworthy/Wedderburn areas. Mostly grows on broad flat ridgetops, dry ridges and slopes and strongly associated with low nutrient sandy loam soils, sometimes with ironstone. Grows in heath- open forest, often in sandstone ridgetop woodland communities.	There were no Melaleuca species identified in the proposal site to be removed. The species does not occur.	Nil.
Knotweed	<i>Persicaria elatior</i>	V	V	Species or species' habitat may occur within 10km (DAWE 2021a)	Tall Knotweed has been recorded in south-eastern NSW from Ulladulla to the Victorian border. In northern NSW it is known from Raymond Terrace and the Grafton area. This species normally grows in damp places, especially beside streams and lakes. Occasionally in swamp forest or associated with disturbance.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur. There is limited damp habitat in the proposal site.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Spiked Rice-flower	<i>Pimelea spicata</i>	E	E	Species or species' habitat may occur within 10km (DAWE 2021a)	Disjunct populations within the Cumberland Plain ((Marayong and Prospect Reservoir south to Narellan and Douglas Park) and Illawarra (Landsdowne to Shellharbour to northern Kiama). In both the Cumberland Plain and Illawarra environments this species is found on well-structured clay soils. On the Cumberland Plain sites it is associated with Grey Box communities. In the coastal Illawarra it occurs commonly in Coast Banksia open woodland.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur.	Very low.
Cotoneaster Pomaderris	<i>Pomaderris cotoneaster</i>	E	E	2 records within 10km (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	Disjunct distribution including the Nungatta area, Tumut, the Tantawangalo area, near Tallong, the Yerranderie area, the Canyonleigh area and Ettrema Gorge. Found in wide range of habitats, including forest with deep, friable soil, amongst rock beside a creek, on rocky forested slopes and in steep gullies between sandstone cliffs.	There were no Pomaderris species identified in the proposal site to be removed. The species does not occur.	Nil.
Jervis Bay Leek Orchid	<i>Prasophyllum affine</i>	E	E	Species or species' habitat known to occur within 10km (DAWE 2021a)	Known from three areas south-east of Nowra on South Coast. These are Kinghorne Point, Wowly Gully near the town of Callala Bay, and near the township of Vincentia. Grows on poorly drained clay soils that support low heathland and sedgeland communities.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Tawny Leek-orchid	<i>Prasophyllum fuscum</i>	CE	V	Species or species' habitat likely to occur within 10km (DAWE 2021a)	Restricted to an area of less than 4 km ² in the upper catchment of the Georges River, southwest of Sydney in the Wilton district. Grows in moist heath, often along seepage lines. The known population grows in moist sandy soil over sandstone amongst sedges and grasses in an area that appears to be regularly slashed by the local council.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur.	Very low.
Illawarra Greenhood	<i>Pterostylis gibbosa</i>	E	E	Species or species' habitat may occur within 10km (DAWE 2021a)	Known from a small number of populations in the Illawarra, Shoalhaven and Hunter regions. Grows in open forest or woodland, on flat or gently sloping land with poor drainage. In the Illawarra region, the species grows in woodland dominated by Forest Red Gum, Woollybutt and Melaleuca decora. Near Nowra, the species grows in an open forest of Spotted Gum, Forest Red Gum and Grey Ironbark. In the Hunter region, the species grows in open woodland dominated by Narrow-leaved Ironbark, Forest Red Gum and Black Cypress Pine.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur.	Very low.
Waterfall Greenhood	<i>Pterostylis pulchella</i>	V	V	3 records within 10km (DEES 2021a); Species or species' habitat known to occur within 10km	The Waterfall Greenhood is found only at Fitzroy Falls, Belmore Falls, upper Bundanoon Creek (Meryla) and Minnamurra Falls. The Waterfall Greenhood is found on cliff faces close to waterfalls and creek banks and mossy rocks alongside running water.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. There is no cliff habitat in the	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
				(DAWE 2021a)		proposal site and the species is unlikely to occur.	
Eastern Underground Orchid	<i>Rhizanthella slateri</i>	V	E	Species or species' habitat may occur within 10km (DAWE 2021a)	Currently known only from 10 locations, including near Bulahdelah, the Watagan Mountains, the Blue Mountains, Wiseman's Ferry area, Agnes Banks and near Nowra. The species grows in eucalypt forest but no informative assessment of the likely preferred habitat for the species is available. Flowers September and November.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur.	Very low.
Scrub Turpentine	<i>Rhodamnia rubescens</i>	CE	CE	10 records within 10km (DEES 2021a); Species or species' habitat likely to occur within 10km (DAWE 2021a)	Occurs in coastal districts north from Batemans Bay in New South Wales, to areas inland of Bundaberg in Queensland. Populations of <i>R. rubescens</i> typically occur in coastal regions and occasionally extend inland onto escarpments up to 600 m a.s.l. in areas with rainfall of 1,000 -1,600 mm. Found in littoral, warm temperate and subtropical rainforest and wet sclerophyll forest usually on volcanic and sedimentary soils.	There were no <i>Rhodamnia</i> species identified in the proposal site to be removed. The species does not occur.	Nil.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Native Guava	<i>Rhodomyrtus psidioides</i>	CE	CE	Species or species' habitat may occur within 10km (DAWE 2021a)	Native Guava occurs from Broken Bay, approximately 90 km north of Sydney, New South Wales, to Maryborough in Queensland. Populations are typically restricted to coastal and sub-coastal areas of low elevation however the species does occur up to c. 120 km inland in the Hunter and Clarence River catchments and along the Border Ranges in NSW. It is a pioneer species found in littoral, warm temperate and subtropical rainforest and wet sclerophyll forest often near creeks and drainage lines.	There were no <i>Rhodamnia</i> species identified in the proposal site to be removed. The species does not occur.	Nil.
	<i>Solanum celatum</i>	E		12 records within 10km (DEES 2021a)	Occurs from Wollongong to Nowra and inland to Bungonia. Grows in rainforest clearings, or in wet sclerophyll forests.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur.	Very low.
Magenta Lilly Pilly	<i>Syzygium paniculatum</i>	E		Species or species' habitat likely to occur within 10km (DAWE 2021a)	Occurs in narrow coastal strip from Upper Lansdowne to Conjola State Forest. Grows in rainforest on sandy soils or stabilised Quaternary sand dunes at low altitudes in coastal areas, often in remnant littoral or gallery rainforests.	There were no <i>Syzygium</i> species identified in the proposal site to be removed. The species does not occur.	Nil.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Kangaloon Sun Orchid	<i>Thelymitra sp. Kangaloon</i>	CE	CE	Species or species' habitat known to occur within 10km (DAWE 2021a)	Occurs in narrow coastal strip from Upper Lansdowne to Conjola State Forest. Grows in rainforest on sandy soils or stabilised Quaternary sand dunes at low altitudes in coastal areas, often in remnant littoral or gallery rainforests.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur.	Very low.
Austral Toadflax	<i>Thesium australe</i>	V	V	Species or species' habitat likely to occur within 10km (DAWE 2021a)	Found in small, scattered populations along the east coast, northern and southern tablelands. Occurs in grassland or grassy woodland, and is often found in association with Kangaroo Grass.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur.	Very low.
Nowra Heath-myrtle	<i>Triplarina nowraensis</i>	E	E	Species or species' habitat likely to occur within 10km (DAWE 2021a)	This species has been recorded from five known populations. The populations occur west of Nowra, in Boolijong Creek valley and also north of the Shoalhaven River on the plateau above Bundanon. Nowra Heath Myrtle occurs on poorly drained, gently sloping sandstone shelves or along creek lines underlain by Nowra Sandstone. The sites are often either treeless or have a very open tree canopy due to the impeded drainage.	There were no <i>Triplarina</i> species identified in the proposal site to be removed. The species does not occur.	Nil.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Swamp Everlasting	<i>Xerochrysum palustre</i>		V	Species or species' habitat likely to occur within 10km (DAWE 2021a)	Found in Kosciuszko National Park and the eastern escarpment south of Badja. Swamp Everlasting grows in wetlands including sedge-swamps and shallow freshwater marshes, often on heavy black clay soils.	Groundcover in the proposal site is dominated by introduced groundcover species and highly disturbed by routine mowing. The species is unlikely to occur.	Very low.
Velvet Zieria	<i>Zieria murphyi</i>	V	V	Species or species' habitat may occur within 10km (DAWE 2021a)	Found in the Blue Mountains at Mt Tomah and on the southern tablelands where it has been recorded in Morton National Park in the Bundanoon area. The Velvet Zieria is found in sheltered positions in moist gullies in moist eucalypt forest with sandy soil.	There were no Zieria species identified in the proposal site to be removed. The species does not occur.	Nil.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Birds							
Regent Honeyeater	<i>Anthochaera phrygia</i>	CE	CE	1 record within 10km, last recorded 2005 (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	The Regent Honeyeater mainly inhabits temperate woodlands and open forests of the inland slopes of south-east Australia. Birds are also found in drier coastal woodlands and forests in some years. Once recorded between Adelaide and the central coast of Queensland, its range has contracted dramatically in the last 30 years to between north-eastern Victoria and south-eastern Queensland. There are only three known key breeding regions remaining: north-east Victoria (Chiltern-Albury), and in NSW at Capertee Valley and the Bundarra-Barraba region. In NSW the distribution is very patchy and mainly confined to the two main breeding areas and surrounding fragmented woodlands. In some years flocks converge on flowering coastal woodlands and forests. The species inhabits dry open forest and woodland, particularly Box-Ironbark woodland, and riparian forests of River Sheoak. Regent Honeyeaters inhabit woodlands that support a significantly high abundance and species richness of bird species. These woodlands have significantly large numbers of mature trees, high	Unlikely. No breeding and no foraging habitat present. The adjacent woodland is not a productive forest preferred by the species.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
					canopy cover and abundance of mistletoes.		
Dusky Woodswallow	<i>Artamus cyanopterus cyanopterus</i>	V		2 records within 10km, last recorded 2001 (DEES 2021a)	The Dusky Woodswallow is widespread from the coast to inland, including the western slopes of the Great Dividing Range and farther west. It is often recorded in woodlands and dry open sclerophyll forests, and has also been recorded in shrublands, heathlands regenerating forests and very occasionally in moist forests or rainforests. The understorey is typically open with sparse eucalypt saplings, acacias and other shrubs, often with coarse woody debris. It is also recorded in farmland, usually at the edges of forest or woodland or in roadside remnants or wind breaks with dead timber. The nest is an open shallow untidy cup frequently built in an open hollow, crevice or stump. Although Dusky Woodswallows have large home ranges, individuals may spend most of their time in about a 2 ha range and defend an area about 50 m around the nest. Dusky Woodswallows prefer larger remnants over smaller remnants. Competitive exclusion by Noisy Miners (<i>Manorina melanocephala</i>) is a significant threat to this species.	Possible. Woodland edge could provide very limited potential foraging and breeding habitat.	Low. Removal of four small trees (mostly Acacia) in the mid-storey and some grassland comprises a negligible proportion of foraging and/or breeding habitat.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Australasian Bittern	<i>Botaurus poiciloptilus</i>	E	E	Species or species' habitat likely to occur within 10km (DAWE 2021a)	Australasian Bitterns are widespread but uncommon over south-eastern Australia. In NSW they may be found over most of the state except for the far north-west. The Species favours permanent freshwater wetlands with tall, dense vegetation, particularly bullrushes (<i>Typha</i> spp.) and spikerushes (<i>Eleocharis</i> spp.), it hides during the day amongst dense reeds or rushes and feed mainly at night on frogs, fish, yabbies, spiders, insects and snails. The species may construct feeding platforms over deeper water from reeds trampled by the bird; platforms are often littered with prey remains.	Nil. No freshwater wetland present.	Nil.
Gang-gang Cockatoo	<i>Callocephalon fimbriatum</i>	V		31 records within 10km (DEES 2021a)	In New South Wales, the Gang-gang Cockatoo is distributed from the south-east coast to the Hunter region, and inland to the Central Tablelands and south-west slopes. It occurs regularly in the Australian Capital Territory. It is rare at the extremities of its range, with isolated records known from as far north as Coffs Harbour and as far west as Mudgee. In spring and summer the species is generally found in tall mountain forests and woodlands, particularly in heavily timbered and mature wet sclerophyll forests. In autumn and winter, the species often moves to lower altitudes in drier more open eucalypt forests and	Unlikely. May forage in adjacent woodland on occasion but the proposal site does not provide breeding or foraging habitat.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
					woodlands, particularly box-gum and box-ironbark assemblages, or in dry forest in coastal areas and often found in urban areas.		
Glossy Black-Cockatoo	<i>Calyptorhynchus lathami</i>	V		40 records within 10km (DEES 2021a)	The species is uncommon although widespread throughout suitable forest and woodland habitats, from the central Queensland coast to East Gippsland in Victoria, and inland to the southern tablelands and central western plains of NSW, with a small population in the Riverina. It inhabits open forest and woodlands of the coast and the Great Dividing Range where stands of sheoak occur. Black Sheoak (<i>Allocasuarina littoralis</i>) and Forest Sheoak (<i>A. torulosa</i>) are important foods. Inland populations feed on a wide range of sheoaks, including Drooping Sheoak, <i>Allocasuarina diminuta</i> , and <i>A. gymnathera</i> . Belah is also utilised and may be a critical food source for some populations. The species is dependent on large hollow-bearing eucalypts for nest sites.	Nil. No breeding or foraging habitat (ie casuarina) is present).	Nil.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Varied Sittella	<i>Daphoenositta chrysoptera</i>	V		2 records within 10km, last recorded 2003 (DEES 2021a)	The Varied Sittella is sedentary and inhabits most of mainland Australia except the treeless deserts and open grasslands. Distribution in NSW is nearly continuous from the coast to the far west. The species inhabits eucalypt forests and woodlands, especially those containing rough-barked species and mature smooth-barked gums with dead branches, mallee and Acacia woodland.	Possible. Woodland edge could provide very limited potential foraging and breeding habitat.	Low. Removal of four small trees (mostly Acacia) in the mid-storey and some grassland comprises a negligible proportion of foraging and/or breeding habitat.
Eastern Bristlebird	<i>Dasyornis brachypterus</i>	E	E	2 records within 10km, last recorded 2005 (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	Occurs in three disjunct areas of south-eastern Australia: southern Queensland/northern NSW, the Illawarra Region and in the vicinity of the NSW/Victorian border. The habitat for central and southern populations is characterised by dense, low vegetation including heath and open woodland with a heathy understorey. In northern NSW the habitat occurs in open forest with dense tussocky grass understorey and sparse mid-storey near rainforest ecotone; all of these vegetation types are fire prone. The age of habitat since fires (fire-age) is of paramount importance to this species. The Illawarra and southern populations reach maximum densities in habitat that has not been burnt for at least 15 years; however, habitat in northern NSW requires frequent fires to maintain habitat condition and suitability. The northern fire regimes	Nil. No breeding and no foraging habitat present.	Nil.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
					is between 3-6 years and of variable intensity depending on the habitat condition.		
Grey Falcon	<i>Falco hypoleucos</i>	E	V	Species or species' habitat may occur within 10km (DAWE 2021a)	The Grey Falcon is sparsely distributed in NSW, chiefly throughout the Murray-Darling Basin, with the occasional vagrant east of the Great Dividing Range. The species is usually restricted to shrubland, grassland and wooded watercourses of arid and semi-arid regions, although it is occasionally found in open woodlands near the coast. It also occurs near wetlands where surface water attracts prey.	Unlikely. No records within the locality. No watercourse habitat is present.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Little Lorikeet	<i>Glossopsitta pusilla</i>	V		2 records within 10km, last recorded 2008 (DEES 2021a)	The Little Lorikeet is distributed widely across the coastal and Great Divide regions of eastern Australia from Cape York to South Australia. NSW provides a large portion of the species' core habitat, with lorikeets found westward as far as Dubbo and Albury. Nomadic movements are common, influenced by season and food availability, although some areas retain residents for much of the year and 'locally nomadic' movements are suspected of breeding pairs. The species forages primarily in the canopy of open Eucalyptus forest and woodland, yet also finds food in Angophora, Melaleuca and other tree species. Riparian habitats are particularly used, due to higher soil fertility and hence greater productivity.	Unlikely. No foraging or breeding habitat is present. Could occur on occasion in adjacent woodland when canopy is in flower.	Very low.
Painted Honeyeater	<i>Grantiella picta</i>	V	V	Species or species' habitat likely to occur within 10km (DAWE 2021a)	The Painted Honeyeater is nomadic and occurs at low densities throughout its range. The greatest concentrations of the bird and almost all breeding occurs on the inland slopes of the Great Dividing Range in NSW, Victoria and southern Queensland. During the winter it is more likely to be found in the north of its distribution. The species inhabits Boree/ Weeping Myall (<i>Acacia pendula</i>), Brigalow (<i>A. harpophylla</i>) and Box-Gum Woodlands and Box-Ironbark Forests. It is a specialist	Unlikely. No foraging or breeding habitat is present.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
					feeder on the fruits of mistletoes growing on woodland eucalypts and acacias. Prefers mistletoes of the genus <i>Amyema</i> .		
White-bellied Sea-Eagle	<i>Haliaeetus leucogaster</i>	V		7 records within 10km (DEES 2021a)	The White-bellied Sea-eagle is widespread along the New South Wales coast, and along all major inland rivers and waterways. The species habitats are characterised by the presence of large areas of open water including larger rivers, swamps, lakes, and the sea. It occurs at sites near the sea or sea-shore, such as around bays and inlets, beaches, reefs, lagoons, estuaries and mangroves; and at, or in the vicinity of freshwater swamps, lakes, reservoirs, billabongs and saltmarsh. The terrestrial habitats the species has been recorded in, include coastal dunes, tidal flats, grassland, heathland, woodland, and forest (including rainforest).	Unlikely. No foraging or breeding habitat is present.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Little Eagle	<i>Hieraaetus morphnoides</i>	V		2 records within 10km (DEES 2021a)	The Little Eagle is found throughout the Australian mainland excepting the most densely forested parts of the Dividing Range escarpment. It occurs as a single population throughout NSW. The species occupies open eucalypt forest, woodland or open woodland. Sheoak or Acacia woodlands and riparian woodlands of interior NSW are also used. It nests in tall living trees within a remnant patch, where pairs build a large stick nest in winter.	Unlikely. Limited foraging habitat is present on the edge of woodland. No breeding habitat is present.	Very low.
White-throated Needletail	<i>Hirundapus caudacutus</i>		V,C,J,K	2 records within 10km, last recorded 2003 (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	White-throated Needletails often occur in large numbers over eastern and northern Australia. White-throated Needletails are aerial birds and for a time it was commonly believed that they did not land while in Australia. It has now been observed that birds will roost in trees, and radio-tracking has since confirmed that this is a regular activity.	Unlikely. No foraging, breeding or roosting habitat is present.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Swift Parrot	<i>Lathamus discolor</i>	E	CE	Species or species' habitat likely to occur within 10km (DAWE 2021a)	The Swift Parrot breeds in Tasmania during spring and summer, migrating in the autumn and winter months to south-eastern Australia from Victoria and the eastern parts of South Australia to south-east Queensland. In NSW mostly occurs on the coast and south west slopes. On the mainland the species occur in areas where eucalypts are flowering profusely or where there are abundant lerp (from sap-sucking bugs) infestations. Their favoured feed trees include winter flowering species such as Swamp Mahogany <i>Eucalyptus robusta</i> , Spotted Gum <i>Corymbia maculata</i> , Red Bloodwood <i>C. gummifera</i> , Forest Red Gum <i>E. tereticornis</i> , Mugga Ironbark <i>E. sideroxylon</i> , and White Box <i>E. albens</i> .	Unlikely. No foraging or breeding habitat is present.	Very low.
Square-tailed Kite	<i>Lophoictinia isura</i>	V		1 record within 10km, last recorded 2006 (DEES 2021a)	The Square-tailed Kite ranges along coastal and subcoastal areas from south-western to northern Australia, Queensland, NSW and Victoria. In NSW, scattered records of the species throughout the state indicate that the species is a regular resident in the north, north-east and along the major west-flowing river systems. It is a summer breeding migrant to the south-east, including the NSW south coast, arriving in September and leaving by March. The species is found in a variety of timbered habitats	Unlikely. No foraging or breeding habitat is present.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
					including dry woodlands and open forests. Shows a particular preference for timbered watercourses. In arid north-western NSW, it has been observed in stony country with a ground cover of chenopods and grasses, open acacia scrub and patches of low open eucalypt woodland.		
Powerful Owl	<i>Ninox strenua</i>	V		2 records within 10km, last recorded 2007 (DEES 2021a)	The Powerful Owl is endemic to eastern and south-eastern Australia, mainly on the coastal side of the Great Dividing Range from Mackay to south-western Victoria. In NSW, it is widely distributed throughout the eastern forests from the coast inland to tablelands, with scattered records on the western slopes and plains suggesting occupancy prior to land clearing. Now at low densities throughout most of its eastern range, rare along the Murray River and former inland populations may never recover. The Powerful Owl inhabits a range of vegetation types, from woodland and open sclerophyll forest to tall open wet forest and rainforest. The Powerful Owl requires large tracts of forest or woodland habitat but can occur in fragmented	Unlikely. Very limited foraging, breeding habitat is present. No roosting habitat is present. Could forage over grassland however likely to need more vegetated areas to hunt.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
					landscapes as well. The species breeds and hunts in open or closed sclerophyll forest or woodlands and occasionally hunts in open habitats. It roosts by day in dense vegetation comprising species such as Turpentine <i>Syncarpia glomulifera</i> , Black She-oak <i>Allocasuarina littoralis</i> , Blackwood <i>Acacia melanoxylon</i> , Rough-barked Apple <i>Angophora floribunda</i> , Cherry Ballart <i>Exocarpus cupressiformis</i> and a number of eucalypt species.		
Scarlet Robin	<i>Petroica boodang</i>	V		4 records within 10km, last recorded 2003 (DEES 2021a)	In NSW, the Scarlet Robin from the coast to the inland slopes. After breeding, some Scarlet Robins disperse to the lower valleys and plains of the tablelands and slopes. Some birds may appear as far west as the eastern edges of the inland plains in autumn and winter. The Scarlet Robin lives in dry eucalypt forests and woodlands. The understorey is usually open and grassy with few scattered shrubs. This species lives in both mature and regrowth vegetation. It occasionally occurs in mallee or wet forest communities, or in wetlands and tea-	Unlikely. Limited foraging habitat is present on the edge of woodland. No breeding habitat is present.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
					tree swamps. The species habitat usually contains abundant logs and fallen timber: these are important components of its habitat.		
Australian Painted Snipe	<i>Rostratula australis</i>	E	E	Species or species' habitat likely to occur within 10km (DAWE 2021a)	In NSW many records of the Australian Painted Snipe are from the Murray-Darling Basin including the Paroo wetlands, Lake Cowal, Macquarie Marshes, Fivebough Swamp and more recently, swamps near Balldale and Wanganella. Other important locations with recent records include wetlands on the Hawkesbury River and the Clarence and lower Hunter Valleys. The species prefers fringes of swamps, dams and nearby marshy areas where there is a cover of grasses, lignum, low scrub or open timber.	Nil. No breeding and no foraging habitat present.	Nil.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Diamond Firetail	<i>Stagonopleura guttata</i>	V		1 record within 10km, last recorded 2001 (DEES 2021a)	The Diamond Firetail is endemic to south-eastern Australia, extending from central Queensland to the Eyre Peninsula in South Australia. It is widely distributed in NSW, with a concentration of records from the Northern, Central and Southern Tablelands, the Northern, Central and South Western Slopes and the North West Plains and Riverina. Not commonly found in coastal districts, though there are records from near Sydney, the Hunter Valley and the Bega Valley. This species has a scattered distribution over the rest of NSW, though is very rare west of the Darling River. The species is found in grassy eucalypt woodlands, including Box-Gum Woodlands and Snow Gum Eucalyptus pauciflora Woodlands. It also occurs in open forest, mallee, Natural Temperate Grassland, and in secondary grassland derived from other communities, and often found in riparian areas (rivers and creeks), and sometimes in lightly wooded farmland.	Possible. Very few local records. Very limited potential foraging and breeding habitat.	Low. Removal of four small trees (mostly Acacia) in the mid-storey and some grassland comprises a negligible proportion of foraging and/or breeding habitat.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Masked Owl	<i>Tyto novaehollandiae</i>	V		3 records within 10km (DEES 2021a)	The Masked Owl occurs from the coast where it is most abundant to the western plains. Overall records for this species fall within approximately 90% of NSW, excluding the most arid north-western corner. There is no seasonal variation in its distribution. This species lives in dry eucalypt forests and woodlands from sea level to 1100 m and often hunts along the edges of forests, including roadsides. Roosts and breeds in moist eucalypt forested gullies, using large tree hollows or sometimes caves for nesting.	Unlikely. Very limited foraging, breeding habitat is present. No roosting habitat is present. Could forage over grassland however likely to need more vegetated areas to hunt.	Very low.
Sooty Owl	<i>Tyto tenebricosa</i>	V		5 records within 10km, last recorded 2003 (DEES 2021a)	The Sooty Owl occupies the easternmost one-eighth of NSW, occurring on the coast, coastal escarpment and eastern tablelands. This species occurs in rainforest, including dry rainforest, subtropical and warm temperate rainforest, as well as moist eucalypt forests. Sooty Owls roost by day in the hollow of a tall forest tree or in heavy vegetation and nest in very large tree hollows. This species hunts by night for small ground mammals or tree-dwelling mammals such as the Common Ringtail Possum (<i>Pseudocheirus peregrinus</i>) or Sugar Glider (<i>Petaurus breviceps</i>).	Nil. No breeding and no foraging habitat present.	Nil.
Frogs							

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Giant Burrowing Frog	<i>Heleioporus australiacus</i>	V	V	2 records within 10km, last recorded 2010 (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	The Giant Burrowing Frog is distributed in south eastern NSW and Victoria, and appears to exist as two distinct populations: a northern population largely confined to the sandstone geology of the Sydney Basin and extending as far south as Ulladulla, and a southern population occurring from north of Narooma through to Walhalla, Victoria. It is found in heath, woodland and open dry sclerophyll forest on a variety of soil types except those that are clay based.	Nil. No breeding and no foraging habitat present.	Nil.
Green and Golden Bell Frog	<i>Litoria aurea</i>	E	V	Species or species' habitat likely to occur within 10km (DAWE 2021a)	Since 1990 there have been approximately 50 recorded locations of Green and Golden Bell Frog in NSW, most of which are small, coastal, or near coastal populations. These locations occur over the species' former range, however they are widely separated and isolated. Large populations in NSW are located around the metropolitan areas of Sydney, Shoalhaven and mid north coast (one an island population). There is only one known population on the NSW Southern Tablelands. The species inhabits marshes, dams and stream-sides, particularly those containing bullrushes (<i>Typha</i> spp.) or spikerushes (<i>Eleocharis</i> spp.). Optimal habitat includes water-bodies	Nil. No breeding and no foraging habitat present.	Nil.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
					that are unshaded, free of predatory fish such as Plague Minnow (<i>Gambusia holbrooki</i>), have a grassy area nearby and diurnal sheltering sites available. Some sites the species has been recorded in, occur in highly disturbed areas.		
Littlejohn's Tree Frog	<i>Litoria littlejohni</i>	V	V	Species or species' habitat may occur within 10km (DAWE 2021a)	Littlejohn's Tree Frog has a distribution that includes the plateaus and eastern slopes of the Great Dividing Range from Watagan State Forest (90 km north of Sydney) and south to Buchan in Victoria. The majority of records are within the Sydney Basin Bioregion with only scattered records south to the Victorian border. The species has not been recorded in southern NSW within the last decade and records are isolated and tend to be at high altitude. The species breeds in the upper reaches of permanent streams and in perched swamps. Non-breeding habitat is heath based forests and woodlands where it shelters under leaf litter and low vegetation, and hunts for invertebrate	Nil. No breeding and no foraging habitat present.	Nil.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
					prey either in shrubs or on the ground.		
Stuttering Frog	<i>Mixophyes balbus</i>	E	V	Species or species' habitat likely to occur within 10km (DAWE 2021a)	Stuttering Frogs occur along the east coast of Australia from southern Queensland to north-eastern Victoria. Considered to have disappeared from Victoria and to have undergone considerable range contraction in NSW, particularly in south-east NSW. The Dorrigo region, in north-east NSW, appears to be a stronghold for this species. It is found in rainforest and wet, tall open forest in the foothills and escarpment on the eastern side of the Great Dividing Range. Outside the breeding season adults live in deep leaf litter and thick understorey vegetation on the forest floor.	Nil. No breeding and no foraging habitat present.	Nil.
Mammals							

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Eastern Pygmy-possum	<i>Cercartetus nanus</i>	V		1 record within 10km (DEES 2021a)	The Eastern Pygmy-possum is found in south-eastern Australia, from southern Queensland to eastern South Australia and in Tasmania. In NSW it extends from the coast inland as far as the Pilliga, Dubbo, Parkes and Wagga Wagga on the western slopes. The species is found in a broad range of habitats from rainforest through sclerophyll (including Box-Ironbark) forest and woodland to heath, but in most areas woodlands and heath appear to be preferred, except in north-eastern NSW where they are most frequently encountered in rainforest. It feeds largely on nectar and pollen collected from banksias, eucalypts and bottlebrushes and is an important pollinator of heathland plants such as banksias; soft fruits are eaten when flowers are unavailable.	Nil. No breeding and no foraging habitat present.	Nil.
Large-eared Pied Bat	<i>Chalinolobus dwyeri</i>	V	V	3 records within 10km (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	The Large-eared Pied Bat is found mainly in areas with extensive cliffs and caves, from Rockhampton in Queensland south to Bungonia in the NSW Southern Highlands. It is generally rare with a very patchy distribution in NSW. There are scattered records from the New England Tablelands and North West Slopes. The species roosts in caves (near their entrances), crevices in cliffs, old mine workings and in the disused, bottle-shaped mud nests of	Unlikely. No breeding and very limited foraging habitat is present.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
					the Fairy Martin (<i>Petrochelidon ariel</i>), frequenting low to mid-elevation dry open forest and woodland close to these features. Females have been recorded raising young in maternity roosts (c. 20-40 females) from November through to January in roof domes in sandstone caves and overhangs. It is found in well-timbered areas containing gullies.		
Spotted-tailed Quoll	<i>Dasyurus maculatus</i>	V	E	7 records within 10km, last recorded 2004 (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	The range of the Spotted-tailed Quoll has contracted considerably since European settlement. It is now found in eastern NSW, eastern Victoria, south-east and north-eastern Queensland, and Tasmania. Only in Tasmania is it still considered relatively common. The species has been recorded across a range of habitat types, including rainforest, open forest, woodland, coastal heath and inland riparian forest, from the sub-alpine zone to the coastline. Individual animals use hollow-bearing trees, fallen logs, small caves, rock outcrops and rocky-cliff faces as den sites. Females occupy home ranges of 200-500 hectares, while males occupy very large home ranges from 500 to over 4000 hectares. Are known to traverse their home ranges along densely vegetated creeklines.	Unlikely. Important habitat features are absent from the proposal site.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Eastern False Pipistrelle	<i>Falsistrellus tasmaniensis</i>	V		2 records within 10km, last recorded 2003 (DEES 2021a)	The Eastern False Pipistrelle is found on the south-east coast and ranges of Australia, from southern Queensland to Victoria and Tasmania. The species prefer moist habitats, with trees taller than 20 m.	Unlikely. No roosting and very limited foraging habitat is present.	Very low.
Southern Brown Bandicoot (eastern)	<i>Isoodon obesulus obesulus</i>	E	E	Species or species' habitat known to occur within 10km (DAWE 2021a)	The Southern Brown Bandicoot has a patchy distribution. It is found in south-eastern NSW, east of the Great Dividing Range south from the Hawkesbury River, southern coastal Victoria and the Grampian Ranges, south-eastern South Australia, south-west Western Australia and the northern tip of Queensland. Southern Brown Bandicoots are largely crepuscular (active mainly after dusk and/or before dawn). They are generally only found in heath or open forest with a heathy understorey on sandy or friable soils. Males have a home range of approximately 5-20 hectares whilst females forage over smaller areas of about 2-3 hectares.	Nil. No breeding and no foraging habitat present.	Nil.
Eastern Coastal Free-tailed Bat	<i>Micronomus norfolkensis</i>	V		4 records within 10km, last recorded 2002 (DEES 2021a)	The Eastern Freetail-bat is found along the east coast from south Queensland to southern NSW. The species typically inhabit dry sclerophyll forest, woodland, swamp forests and mangrove forests east of the Great Dividing Range. It roosts mainly in tree hollows but will also roost under bark or in man-made structures.	Unlikely. No roosting and very limited foraging habitat is present.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Large Bent-winged Bat	<i>Miniopterus orianae oceanensis</i>	V		2 records within 10km (DEES 2021a)	Large Bentwing-bats occur along the east and north-west coasts of Australia. The species use caves as the primary roosting habitat, but also use derelict mines, storm-water tunnels, buildings and other man-made structures.	Unlikely. No roosting and very limited foraging habitat is present.	Very low.
Southern Myotis	<i>Myotis macropus</i>	V		1 record within 10km, last recorded 2003 (DEES 2021a)	The Southern Myotis is mainly coastal but may occur inland along large river systems. Usually associated with permanent waterways at low elevations in flat/undulating country, usually in vegetated areas. Forages over streams and watercourses feeding on fish and insects from the water surface. Roosts in a variety of habitats including caves, mine shafts, hollow-bearing trees, stormwater channels, buildings, under bridges and in dense foliage, typically in close proximity to water.	Nil. No breeding and no foraging habitat present.	Nil.
Greater Glider	<i>Petauroides volans</i>		V	13 records within 10km (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	The greater glider is restricted to eastern Australia, occurring from the Windsor Tableland in north Queensland through to central Victoria (Wombat State Forest), with an elevational range from sea level to 1200 m above sea level. It prefers taller montane, moist eucalypt forest with relatively old trees and abundant hollows.	Unlikely. May forage in adjacent woodland on occasion but the proposal site does not provide breeding or foraging habitat.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Yellow-bellied Glider	<i>Petaurus australis</i>	V		15 records within 10km (DEES 2021a)	The Yellow-bellied Glider is found along the eastern coast to the western slopes of the Great Dividing Range, from southern Queensland to Victoria. The species occur in tall mature eucalypt forest generally in areas with high rainfall and nutrient rich soils. Vegetation preferences vary with latitude and elevation; mixed coastal forests to dry escarpment forests in the north; moist coastal gullies and creek flats to tall montane forests in the south.	Unlikely. May forage in adjacent woodland on occasion but the proposal site does not provide breeding or foraging habitat.	Very low.
Brush-tailed Rock-wallaby	<i>Petrogale penicillata</i>	E	V	5 records within 10km (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	In NSW the Brush-tailed Rock-wallaby occurs from the Queensland border in the north to the Shoalhaven in the south, with the population in the Warrumbungle Ranges being the western limit. The species occupy rocky escarpments, outcrops and cliffs with a preference for complex structures with fissures, caves and ledges, often facing north. It typically shelters or basks during the day in rock crevices, caves and overhangs and are most active at night when foraging.	Nil. No breeding and unlikely foraging habitat is present.	Nil.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Koala	<i>Phascolarctos cinereus</i>	V	V	7 records within 10km (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	The Koala has a fragmented distribution throughout eastern Australia from north-east Queensland to the Eyre Peninsula in South Australia. In New South Wales, koala populations are found on the central and north coasts, southern highlands, southern and northern tablelands, Blue Mountains, southern coastal forests, with some smaller populations on the plains west of the Great Dividing Range. The species inhabit eucalypt woodlands and forests, and feed on the foliage of more than 70 eucalypt species and 30 non-eucalypt species, but in any one area will select preferred browse species.	Nil. No breeding and no foraging habitat present.	Nil.
Long-nosed Potoroo	<i>Potorous tridactylus</i>	V	V	3 records within 10km, last recorded 2009 (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	The long-nosed potoroo is found on the south-eastern coast of Australia, from Queensland to eastern Victoria and Tasmania, including some of the Bass Strait islands. In NSW it is generally restricted to coastal heaths and forests east of the Great Dividing Range, with an annual rainfall exceeding 760 mm. It inhabits coastal heaths and dry and wet sclerophyll forests. Dense understorey with occasional open areas is an essential part of habitat, and may consist of grass-trees, sedges, ferns or heath, or of low shrubs of tea-trees or melaleucas. A sandy loam soil is also a common feature.	Nil. No breeding and no foraging habitat present.	Nil.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
New Holland Mouse	<i>Pseudomys novaehollandiae</i>		V	1 record within 10km, last recorded 2005 (DEES 2021a); Species or species' habitat known to occur within 10km (DAWE 2021a)	The New Holland Mouse has a fragmented distribution across Tasmania, Victoria, New South Wales and Queensland. The species is known to inhabit open heathlands, woodlands and forests with a heathland understorey and vegetated sand dunes	Nil. No breeding and no foraging habitat present.	Nil.
Grey-headed Flying-fox	<i>Pteropus poliocephalus</i>	V	V	29 records within 10km (DEES 2021a); Roosting known to occur within 10km (DAWE 2021a)	Grey-headed Flying-foxes are generally found within 200 km of the eastern coast of Australia, from Rockhampton in Queensland to Adelaide in South Australia. In times of natural resource shortages, they may be found in unusual locations. The species occur in subtropical and temperate rainforests, tall sclerophyll forests and woodlands, heaths and swamps as well as urban gardens and cultivated fruit crops. Roosting camps are generally located within 20 km of a regular food source and are commonly found in gullies, close to water, in vegetation with a dense canopy.	Unlikely. May forage in adjacent woodland on occasion but the proposal site does not provide suitable breeding or foraging habitat.	Very low.

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Broad-headed Snake	<i>Hoplocephalus bungaroides</i>	E	V	6 records within 10km, last recorded 2009 (DEES 2021a)	The Broad-headed Snake is largely confined to Triassic and Permian sandstones, including the Hawkesbury, Narrabeen and Shoalhaven groups, within the coast and ranges in an area within approximately 250 km of Sydney. The species shelters in rock crevices and under flat sandstone rocks on exposed cliff edges during autumn, winter and spring.	Nil. No breeding and no foraging habitat present.	Nil.
Rosenberg's Goanna	<i>Varanus rosenbergi</i>	V		7 records within 10km (DEES 2021a)	Rosenberg's Goanna occurs on the Sydney Sandstone in Wollemi National Park to the north-west of Sydney, in the Goulburn and ACT regions and near Cooma in the south. There are records from the South West Slopes near Khancoban and Tooma River and found in heath, open forest and woodland. Rosenberg's Goanna is associated with termites, the mounds of which this species nests in; termite mounds are a critical habitat component. Individuals require large areas of habitat and helters in hollow logs, rock crevices and in burrows, which they may dig for themselves, or they may use other species' burrows, such as rabbit warrens. Runs along the ground when pursued (as opposed to the Lace Monitor, which climbs trees). Feeds on carrion, birds, eggs, reptiles and small mammals.	Nil. No breeding and no foraging habitat present.	Nil.

Migratory species

Common name	Scientific name	BC Status	EPBC Status	Source	Habitat association	Likelihood of occurrence in proposal site	Level of impact
Oriental Cuckoo	<i>Cuculus optatus</i>		C,J,K	Species or species' habitat may occur within 10km (DAWE 2021a)	This species migrates to northern and eastern Australia in the warmer months. Occurs south to the Shoalhaven area. Occurs in a range of habitats, including monsoon forest, rainforest edges, leafy trees in paddocks, river flats, roadsides and mangroves.	Possible. Woodland edge could provide very limited potential foraging and breeding habitat.	Low. Removal of four small trees (mostly Acacia) in the mid-storey and some grassland comprises a negligible proportion of foraging and/or breeding habitat.
White-throated Needletail	<i>Hirundapus caudacutus</i>		C,J,K	Species or species' habitat known to occur within 10km (DAWE 2021a)	White-throated Needletails often occur in large numbers over eastern and northern Australia. White-throated Needletails are aerial birds and for a time it was commonly believed that they did not land while in Australia. It has now been observed that birds will roost in trees, and radio-tracking has since confirmed that this is a regular activity.	Unlikely. No foraging or breeding habitat is present.	Very low.
Black-faced Monarch	<i>Monarcha melanopsis</i>			Species or species' habitat known to occur within 10km (DAWE 2021a)	The Black-faced Monarch is found along the coast of eastern Australia, becoming less common further south. It is found in rainforests, eucalypt woodlands, coastal scrub and damp gullies. It may be found in more open woodland when migrating.	Unlikely. No foraging or breeding habitat is present.	Very low.

Yellow Wagtail	<i>Motacilla flava</i>		C,J,K	Species or species' habitat may occur within 10km (DAWE 2021a)	The Yellow Wagtail breeds in temperate Europe and Asia. They occur within Australia in open country habitat with disturbed ground and some water. Recorded in short grass and bare ground, swamp margins, sewage ponds, saltmarshes, playing fields, airfields, ploughed land and town lawns.	Possible. Woodland edge could provide very limited potential foraging and breeding habitat.	Low. Removal of four small trees (mostly Acacia) in the mid-storey and some grassland comprises a negligible proportion of foraging and/or breeding habitat.
Satin Flycatcher	<i>Myiagra cyanoleuca</i>			Species or species' habitat known to occur within 10km (DAWE 2021a)	The Satin Flycatcher is found along the east coast of Australia from far northern Queensland to Tasmania, including south-eastern South Australia. It is also found in New Guinea. The Satin Flycatcher is not a commonly seen species, especially in the far south of its range, where it is a summer breeding migrant. The Satin Flycatcher is found in tall forests, preferring wetter habitats such as heavily forested gullies, but not rainforests.	Unlikely. No foraging or breeding habitat is present.	Very low.
Rufous Fantail	<i>Rhipidura rufifrons</i>			Species or species' habitat known to occur within 10km (DAWE 2021a)	The Rufous Fantail is found along NSW coast and ranges. Inhabits rainforest, dense wet forests, swamp woodlands and mangroves. During migration, it may be found in more open habitats or urban areas.	Unlikely. No foraging or breeding habitat is present.	Very low.

Spectacled Monarch	<i>Symposiachrus trivirgatus</i>			Species or species' habitat may occur within 10km (DAWE 2021a)	The Spectacled Monarch is found in coastal north-eastern and eastern Australia, including coastal islands, from Cape York, Queensland to Port Stephens, New South Wales. It is much less common in the south. Prefers thick understorey in rainforest, wet gullies and waterside vegetation as well as mangroves.	Unlikely. No foraging or breeding habitat is present.	Very low.
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Appendix C – Database searches



EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 29/01/21 12:03:13

[Summary](#)

[Details](#)

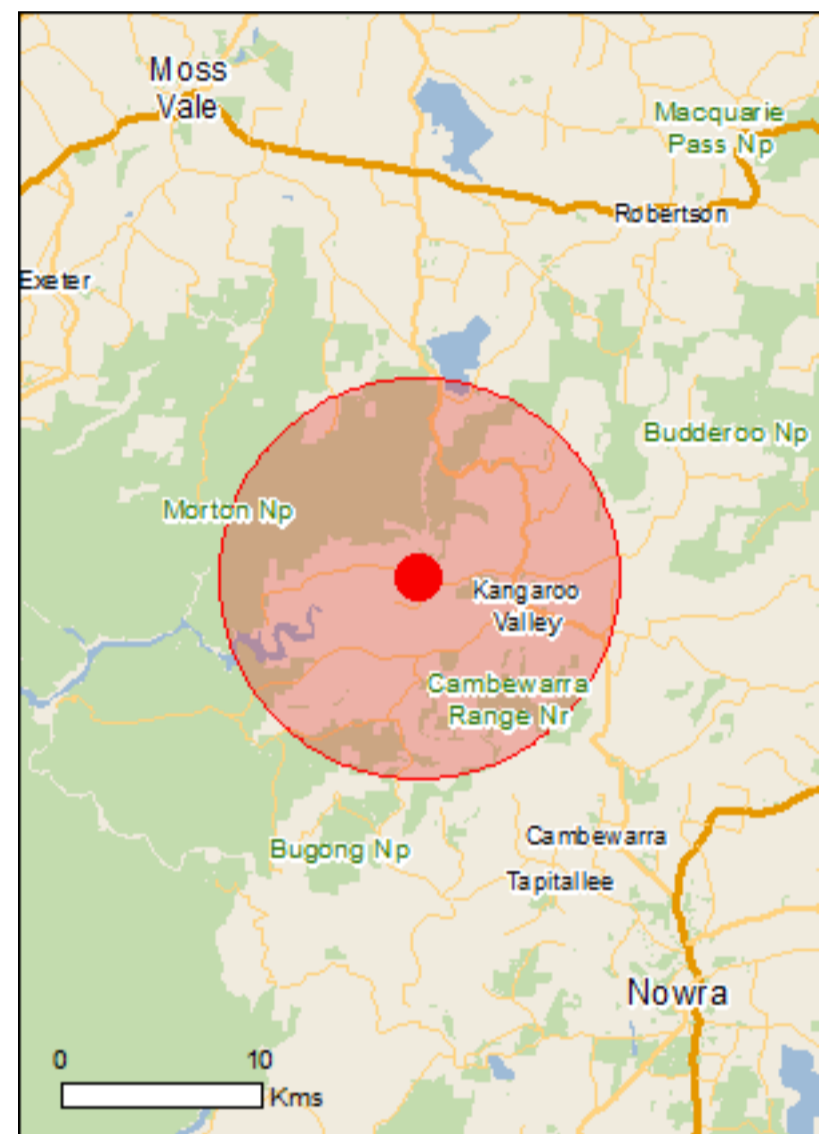
[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

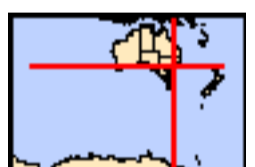
[Acknowledgements](#)



This map may contain data which are ©Commonwealth of Australia (Geoscience Australia), ©PSMA 2015

[Coordinates](#)

[Buffer: 10.0Km](#)



Summary

Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	9
Listed Threatened Species:	55
Listed Migratory Species:	16

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage>

A [permit](#) may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Land:	1
Commonwealth Heritage Places:	None
Listed Marine Species:	21
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None

Extra Information

This part of the report provides information that may also be relevant to the area you have nominated.

State and Territory Reserves:	6
Regional Forest Agreements:	1
Invasive Species:	48
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

Listed Threatened Ecological Communities

[\[Resource Information \]](#)

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Name	Status	Type of Presence
Coastal Swamp Oak (Casuarina glauca) Forest of New South Wales and South East Queensland ecological community	Endangered	Community may occur within area
Illawarra and south coast lowland forest and woodland ecological community	Critically Endangered	Community may occur within area
Illawarra-Shoalhaven Subtropical Rainforest of the Sydney Basin Bioregion	Critically Endangered	Community likely to occur within area
Natural Temperate Grassland of the South Eastern Highlands	Critically Endangered	Community may occur within area
River-flat eucalypt forest on coastal floodplains of southern New South Wales and eastern Victoria	Critically Endangered	Community may occur within area
Robertson Rainforest in the Sydney Basin Bioregion	Critically Endangered	Community likely to occur within area
Southern Highlands Shale Forest and Woodland in the Sydney Basin Bioregion	Critically Endangered	Community likely to occur within area
Upland Basalt Eucalypt Forests of the Sydney Basin Bioregion	Endangered	Community likely to occur within area
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland	Critically Endangered	Community may occur within area

Listed Threatened Species

[\[Resource Information \]](#)

Name	Status	Type of Presence
Birds		
Anthochaera phrygia Regent Honeyeater [82338]	Critically Endangered	Species or species habitat known to occur within area
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat likely to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Dasyornis brachypterus Eastern Bristlebird [533]	Endangered	Species or species habitat known to occur within area
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat may occur within area
Grantiella picta Painted Honeyeater [470]	Vulnerable	Species or species habitat likely to occur within area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species

Name	Status	Type of Presence
Lathamus discolor Swift Parrot [744]	Critically Endangered	habitat known to occur within area Species or species habitat likely to occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area
Crustaceans		
Euastacus dharawalus Fitzroy Falls Spiny Crayfish [83143]	Critically Endangered	Species or species habitat known to occur within area
Fish		
Macquaria australasica Macquarie Perch [66632]	Endangered	Species or species habitat may occur within area
Prototroctes maraena Australian Grayling [26179]	Vulnerable	Species or species habitat may occur within area
Frogs		
Heleioporus australiacus Giant Burrowing Frog [1973]	Vulnerable	Species or species habitat known to occur within area
Litoria aurea Green and Golden Bell Frog [1870]	Vulnerable	Species or species habitat likely to occur within area
Litoria littlejohni Littlejohn's Tree Frog, Heath Frog [64733]	Vulnerable	Species or species habitat may occur within area
Mixophyes balbus Stuttering Frog, Southern Barred Frog (in Victoria) [1942]	Vulnerable	Species or species habitat likely to occur within area
Mammals		
Chalinolobus dwyeri Large-eared Pied Bat, Large Pied Bat [183]	Vulnerable	Species or species habitat known to occur within area
Dasyurus maculatus maculatus (SE mainland population) Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]	Endangered	Species or species habitat known to occur within area
Isoodon obesulus obesulus Southern Brown Bandicoot (eastern), Southern Brown Bandicoot (south-eastern) [68050]	Endangered	Species or species habitat known to occur within area
Petauroides volans Greater Glider [254]	Vulnerable	Species or species habitat known to occur within area
Petrogale penicillata Brush-tailed Rock-wallaby [225]	Vulnerable	Species or species habitat known to occur within area
Phascolarctos cinereus (combined populations of Qld, NSW and the ACT) Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Vulnerable	Species or species habitat known to occur within area
Potorous tridactylus tridactylus Long-nosed Potoroo (SE Mainland) [66645]	Vulnerable	Species or species habitat known to occur

Name	Status	Type of Presence within area
Pseudomys novaehollandiae New Holland Mouse, Pookila [96]	Vulnerable	Species or species habitat known to occur within area
Pteropus poliocephalus Grey-headed Flying-fox [186]	Vulnerable	Roosting known to occur within area
Plants		
Acacia bynoeana Bynoe's Wattle, Tiny Wattle [8575]	Vulnerable	Species or species habitat may occur within area
Boronia deanei Deane's Boronia [8397]	Vulnerable	Species or species habitat known to occur within area
Caladenia tessellata Thick-lipped Spider-orchid, Daddy Long-legs [2119]	Vulnerable	Species or species habitat likely to occur within area
Cryptostylis hunteriana Leafless Tongue-orchid [19533]	Vulnerable	Species or species habitat known to occur within area
Cynanchum elegans White-flowered Wax Plant [12533]	Endangered	Species or species habitat likely to occur within area
Eucalyptus macarthurii Camden Woollybutt, Paddys River Box [7827]	Endangered	Species or species habitat likely to occur within area
Genoplesium baueri Yellow Gnat-orchid, Bauer's Midge Orchid, Brittle Midge Orchid [7528]	Endangered	Species or species habitat likely to occur within area
Grevillea molyneuxii [22052]	Endangered	Species or species habitat known to occur within area
Haloragis exalata subsp. exalata Wingless Raspwort, Square Raspwort [24636]	Vulnerable	Species or species habitat likely to occur within area
Helichrysum calvertianum [5702]	Vulnerable	Species or species habitat known to occur within area
Irenepharsus trypherus Delicate Cress, Illawarra Irene [14664]	Endangered	Species or species habitat known to occur within area
Melaleuca deanei Deane's Melaleuca [5818]	Vulnerable	Species or species habitat may occur within area
Persicaria elatior Knotweed, Tall Knotweed [5831]	Vulnerable	Species or species habitat may occur within area
Pimelea spicata Spiked Rice-flower [20834]	Endangered	Species or species habitat may occur within area
Pomaderris cotoneaster Cotoneaster Pomaderris [2043]	Endangered	Species or species habitat known to occur within area
Prasophyllum affine Jervis Bay Leek Orchid, Culburra Leek-orchid, Kinghorn Point Leek-orchid [2210]	Endangered	Species or species habitat known to occur within area

Name	Status	Type of Presence
Prasophyllum fuscum Tawny Leek-orchid, Slaty Leek-orchid [19455]	Vulnerable	Species or species habitat likely to occur within area
Pterostylis gibbosa Illawarra Greenhood, Rufa Greenhood, Pouched Greenhood [4562]	Endangered	Species or species habitat may occur within area
Pterostylis pulchella Pretty Greenhood [6448]	Vulnerable	Species or species habitat known to occur within area
Rhizanthella slateri Eastern Underground Orchid [11768]	Endangered	Species or species habitat may occur within area
Rhodamnia rubescens Scrub Turpentine, Brown Malletwood [15763]	Critically Endangered	Species or species habitat known to occur within area
Rhodomyrtus psidioides Native Guava [19162]	Critically Endangered	Species or species habitat may occur within area
Syzygium paniculatum Magenta Lilly Pilly, Magenta Cherry, Daguba, Scrub Cherry, Creek Lilly Pilly, Brush Cherry [20307]	Vulnerable	Species or species habitat likely to occur within area
Thelymitra kangaloonica Kangaloon Sun Orchid [81861]	Critically Endangered	Species or species habitat known to occur within area
Thesium australe Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat likely to occur within area
Triplarina nowraensis Nowra Heath-myrtle [64544]	Endangered	Species or species habitat likely to occur within area
Xerochrysum palustre Swamp Everlasting, Swamp Paper Daisy [76215]	Vulnerable	Species or species habitat likely to occur within area
Zieria murphyi Velvet Zieria [4634]	Vulnerable	Species or species habitat may occur within area

Reptiles

Hoplocephalus bungaroides Broad-headed Snake [1182]	Vulnerable	Species or species habitat known to occur within area
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Listed Migratory Species

[[Resource Information](#)]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Migratory Marine Birds		
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Migratory Terrestrial Species		
Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat may occur within area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area

Name	Threatened	Type of Presence
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area
Monarcha trivirgatus Spectacled Monarch [610]		Species or species habitat may occur within area
Motacilla flava Yellow Wagtail [644]		Species or species habitat may occur within area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area

Migratory Wetlands Species

Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Species or species habitat likely to occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Pandion haliaetus Osprey [952]		Species or species habitat likely to occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat may occur within area

Other Matters Protected by the EPBC Act

Commonwealth Land

[\[Resource Information \]](#)

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Name
Commonwealth Land - Australian Telecommunications Commission

Listed Marine Species

[\[Resource Information \]](#)

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Birds		

Name	Threatened	Type of Presence
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardea alba Great Egret, White Egret [59541]		Species or species habitat likely to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Species or species habitat likely to occur within area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area
Monarcha trivirgatus Spectacled Monarch [610]		Species or species habitat may occur within area
Motacilla flava Yellow Wagtail [644]		Species or species habitat may occur within area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Pandion haliaetus Osprey [952]		Species or species habitat likely to occur within area

Name	Threatened	Type of Presence
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area
Rostratula benghalensis (sensu lato) Painted Snipe [889]	Endangered*	Species or species habitat likely to occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat may occur within area

Extra Information

State and Territory Reserves [\[Resource Information \]](#)

Name	State
Barrengarry	NSW
Budderoo	NSW
Bugong	NSW
Cambewarra Range	NSW
Kangaroo River	NSW
Morton	NSW

Regional Forest Agreements [\[Resource Information \]](#)

Note that all areas with completed RFAs have been included.

Name	State
Southern RFA	New South Wales

Invasive Species [\[Resource Information \]](#)

Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resources Audit, 2001.

Name	Status	Type of Presence
Birds		
<i>Acridotheres tristis</i> Common Myna, Indian Myna [387]		Species or species habitat likely to occur within area
<i>Alauda arvensis</i> Skylark [656]		Species or species habitat likely to occur within area
<i>Anas platyrhynchos</i> Mallard [974]		Species or species habitat likely to occur within area
<i>Carduelis carduelis</i> European Goldfinch [403]		Species or species habitat likely to occur within area
<i>Columba livia</i> Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
<i>Lonchura punctulata</i> Nutmeg Mannikin [399]		Species or species habitat likely to occur within area

Name	Status	Type of Presence
Passer domesticus House Sparrow [405]		Species or species habitat likely to occur within area
Passer montanus Eurasian Tree Sparrow [406]		Species or species habitat likely to occur within area
Pycnonotus jocosus Red-whiskered Bulbul [631]		Species or species habitat likely to occur within area
Streptopelia chinensis Spotted Turtle-Dove [780]		Species or species habitat likely to occur within area
Sturnus vulgaris Common Starling [389]		Species or species habitat likely to occur within area
Turdus merula Common Blackbird, Eurasian Blackbird [596]		Species or species habitat likely to occur within area
Mammals		
Bos taurus Domestic Cattle [16]		Species or species habitat likely to occur within area
Canis lupus familiaris Domestic Dog [82654]		Species or species habitat likely to occur within area
Capra hircus Goat [2]		Species or species habitat likely to occur within area
Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
Feral deer Feral deer species in Australia [85733]		Species or species habitat likely to occur within area
Lepus capensis Brown Hare [127]		Species or species habitat likely to occur within area
Mus musculus House Mouse [120]		Species or species habitat likely to occur within area
Oryctolagus cuniculus Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
Rattus norvegicus Brown Rat, Norway Rat [83]		Species or species habitat likely to occur within area
Rattus rattus Black Rat, Ship Rat [84]		Species or species habitat likely to occur within area
Sus scrofa Pig [6]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area

Name	Status	Type of Presence
Plants		
Alternanthera philoxeroides Alligator Weed [11620]		Species or species habitat likely to occur within area
Anredera cordifolia Madeira Vine, Jalap, Lamb's-tail, Mignonette Vine, Anredera, Gulf Madeiravine, Heartleaf Madeiravine, Potato Vine [2643]		Species or species habitat likely to occur within area
Asparagus aethiopicus Asparagus Fern, Ground Asparagus, Basket Fern, Sprengi's Fern, Bushy Asparagus, Emerald Asparagus [62425]		Species or species habitat likely to occur within area
Asparagus asparagoides Bridal Creeper, Bridal Veil Creeper, Smilax, Florist's Smilax, Smilax Asparagus [22473]		Species or species habitat likely to occur within area
Cabomba caroliniana Cabomba, Fanwort, Carolina Watershield, Fish Grass, Washington Grass, Watershield, Carolina Fanwort, Common Cabomba [5171]		Species or species habitat likely to occur within area
Chrysanthemoides monilifera Bitou Bush, Boneseed [18983]		Species or species habitat may occur within area
Chrysanthemoides monilifera subsp. monilifera Boneseed [16905]		Species or species habitat likely to occur within area
Chrysanthemoides monilifera subsp. rotundata Bitou Bush [16332]		Species or species habitat likely to occur within area
Cytisus scoparius Broom, English Broom, Scotch Broom, Common Broom, Scottish Broom, Spanish Broom [5934]		Species or species habitat likely to occur within area
Eichhornia crassipes Water Hyacinth, Water Orchid, Nile Lily [13466]		Species or species habitat likely to occur within area
Genista monspessulana Montpellier Broom, Cape Broom, Canary Broom, Common Broom, French Broom, Soft Broom [20126]		Species or species habitat likely to occur within area
Genista sp. X Genista monspessulana Broom [67538]		Species or species habitat may occur within area
Lantana camara Lantana, Common Lantana, Kamara Lantana, Large-leaf Lantana, Pink Flowered Lantana, Red Flowered Lantana, Red-Flowered Sage, White Sage, Wild Sage [10892]		Species or species habitat likely to occur within area
Lycium ferocissimum African Boxthorn, Boxthorn [19235]		Species or species habitat likely to occur within area
Nassella neesiana Chilean Needle grass [67699]		Species or species habitat likely to occur within area
Nassella trichotoma Serrated Tussock, Yass River Tussock, Yass Tussock, Nassella Tussock (NZ) [18884]		Species or species habitat likely to occur within area
Opuntia spp. Prickly Pears [82753]		Species or species habitat likely to occur within area
Pinus radiata Radiata Pine Monterey Pine, Insignis Pine, Wilding Pine [20780]		Species or species habitat may occur within

Name	Status	Type of Presence area
<p>Rubus fruticosus aggregate Blackberry, European Blackberry [68406]</p>		<p>Species or species habitat likely to occur within area</p>
<p>Sagittaria platyphylla Delta Arrowhead, Arrowhead, Slender Arrowhead [68483]</p>		<p>Species or species habitat likely to occur within area</p>
<p>Salix spp. except S.babylonica, S.x calodendron & S.x reichardtii Willows except Weeping Willow, Pussy Willow and Sterile Pussy Willow [68497]</p>		<p>Species or species habitat likely to occur within area</p>
<p>Salvinia molesta Salvinia, Giant Salvinia, Aquarium Watermoss, Kariba Weed [13665]</p>		<p>Species or species habitat likely to occur within area</p>
<p>Senecio madagascariensis Fireweed, Madagascar Ragwort, Madagascar Groundsel [2624]</p>		<p>Species or species habitat likely to occur within area</p>
<p>Ulex europaeus Gorse, Furze [7693]</p>		<p>Species or species habitat likely to occur within area</p>

Caveat

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World and National Heritage properties, Wetlands of International and National Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species distributions have been derived through a variety of methods. Where distributions are well known and if time permits, maps are derived using either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc) together with point locations and described habitat; or environmental modelling (MAXENT or BIOCLIM habitat modelling) using point locations and environmental data layers.

Where very little information is available for species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc). In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More reliable distribution mapping methods are used to update these distributions as time permits.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and
- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

The following groups have been mapped, but may not cover the complete distribution of the species:

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

Such breeding sites may be important for the protection of the Commonwealth Marine environment.

Coordinates

-34.72467 150.48001

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

- [-Office of Environment and Heritage, New South Wales](#)
- [-Department of Environment and Primary Industries, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [-Department of Environment, Water and Natural Resources, South Australia](#)
- [-Department of Land and Resource Management, Northern Territory](#)
- [-Department of Environmental and Heritage Protection, Queensland](#)
- [-Department of Parks and Wildlife, Western Australia](#)
- [-Environment and Planning Directorate, ACT](#)
- [-Birdlife Australia](#)
- [-Australian Bird and Bat Banding Scheme](#)
- [-Australian National Wildlife Collection](#)
- [-Natural history museums of Australia](#)
- [-Museum Victoria](#)
- [-Australian Museum](#)
- [-South Australian Museum](#)
- [-Queensland Museum](#)
- [-Online Zoological Collections of Australian Museums](#)
- [-Queensland Herbarium](#)
- [-National Herbarium of NSW](#)
- [-Royal Botanic Gardens and National Herbarium of Victoria](#)
- [-Tasmanian Herbarium](#)
- [-State Herbarium of South Australia](#)
- [-Northern Territory Herbarium](#)
- [-Western Australian Herbarium](#)
- [-Australian National Herbarium, Canberra](#)
- [-University of New England](#)
- [-Ocean Biogeographic Information System](#)
- [-Australian Government, Department of Defence Forestry Corporation, NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- [-Australian Tropical Herbarium, Cairns](#)
- [-eBird Australia](#)
- [-Australian Government – Australian Antarctic Data Centre](#)
- [-Museum and Art Gallery of the Northern Territory](#)
- [-Australian Government National Environmental Science Program](#)
- [-Australian Institute of Marine Science](#)
- [-Reef Life Survey Australia](#)
- [-American Museum of Natural History](#)
- [-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania](#)
- [-Tasmanian Museum and Art Gallery, Hobart, Tasmania](#)
- [-Other groups and individuals](#)

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the [Contact Us](#) page.

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GHD - Wagga Wagga

Date: 23 February 2021

Suite 3, Level 1 161-169 Baylis Street
Wagga Wagga New South Wales 2650

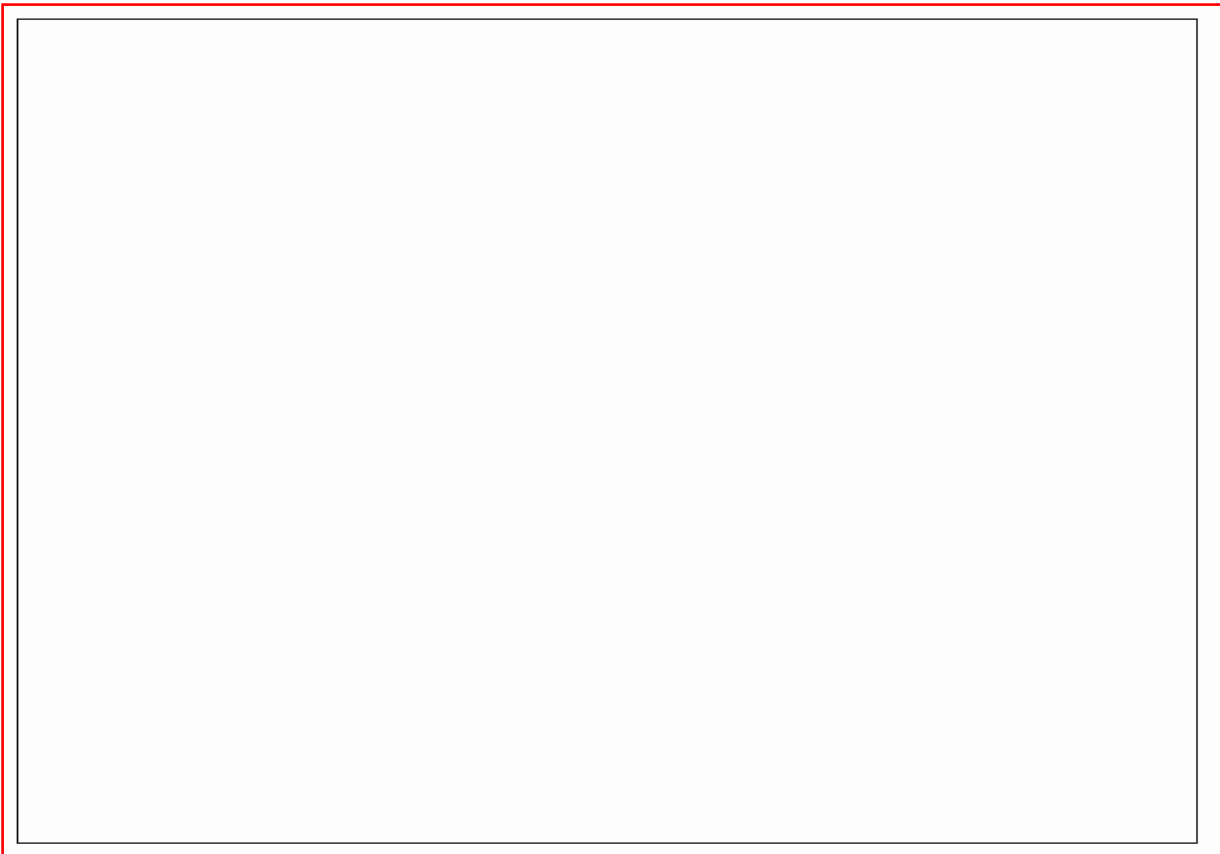
Attention: Melissa Cotterill

Email: melissa.cotterill@ghd.com

Dear Sir or Madam:

AHIMS Web Service search for the following area at Datum :GDA, Zone : 56, Eastings : 818710 - 818713, Northings : 6151949 - 6151985 with a Buffer of 200 meters, conducted by Melissa Cotterill on 23 February 2021.

The context area of your search is shown in the map below. Please note that the map does not accurately display the exact boundaries of the search as defined in the paragraph above. The map is to be used for general reference purposes only.



A search of the Office of the Environment and Heritage AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

0	Aboriginal sites are recorded in or near the above location.
0	Aboriginal places have been declared in or near the above location. *

If your search shows Aboriginal sites or places what should you do?

- You must do an extensive search if AHIMS has shown that there are Aboriginal sites or places recorded in the search area.
- If you are checking AHIMS as a part of your due diligence, refer to the next steps of the Due Diligence Code of practice.
- You can get further information about Aboriginal places by looking at the gazettal notice that declared it. Aboriginal places gazetted after 2001 are available on the [NSW Government Gazette \(http://www.nsw.gov.au/gazette\)](http://www.nsw.gov.au/gazette) website. Gazettal notices published prior to 2001 can be obtained from Office of Environment and Heritage's Aboriginal Heritage Information Unit upon request

Important information about your AHIMS search

- The information derived from the AHIMS search is only to be used for the purpose for which it was requested. It is not be made available to the public.
- AHIMS records information about Aboriginal sites that have been provided to Office of Environment and Heritage and Aboriginal places that have been declared by the Minister;
- Information recorded on AHIMS may vary in its accuracy and may not be up to date .Location details are recorded as grid references and it is important to note that there may be errors or omissions in these recordings,
- Some parts of New South Wales have not been investigated in detail and there may be fewer records of Aboriginal sites in those areas. These areas may contain Aboriginal sites which are not recorded on AHIMS.
- Aboriginal objects are protected under the National Parks and Wildlife Act 1974 even if they are not recorded as a site on AHIMS.
- This search can form part of your due diligence and remains valid for 12 months.

Search Results

13 results found.

Anglican Church of the Good Shepherd 143 Moss Vale Rd	Kangaroo Valley, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Cambewarra Mountain Area Cambewarra Rd	Cambewarra, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Church of the Good Shepherd Rectory (former) Rectory Park Way	Kangaroo Valley, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Devils Glen Nature Reserve Berry Mountain Rd	Berry, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Hampden Bridge Moss Vale Rd	Kangaroo Valley, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Indigenous Place	Kangaroo Valley, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Kangaroo Valley Kangaroo Valley Rd	Kangaroo Valley, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Kangaroo Valley Pioneer Settlement Moss Vale Rd	Kangaroo Valley, NSW, Australia	(Rejected Place) Register of the National Estate (Non-statutory archive)
Kangaroo Valley Police Station & Courthouse (former) Moss Vale Rd	Kangaroo Valley, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Kangaroo Valley Soldiers Memorial Moss Vale Rd	Kangaroo Valley, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)

Kangaroo and Lower Shoalhaven Rivers Moss Vale Rd	Kangaroo Valley, NSW, Australia	(Rejected Place) Register of the National Estate (Non-statutory archive)
Public School 140 Moss Vale Rd	Kangaroo Valley, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Red Rocks Nature Reserve Nugents Creek Rd	Kangaroo Valley, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)

Report Produced: Tue Feb 23 16:31:03 2021



Shoalhaven Local Environmental Plan 2014

Current version for 1 February 2021 to date (accessed 23 February 2021 at 16:36)

Schedule 5

Schedule 5 Environmental heritage

(Clause 5.10)

Part 1 Heritage items

Locality	Item	Address	Property description	Significance	Item no
Back Forest	Victorian weatherboard farmhouse	235A Back Forest Road	Lot 1, DP 629802	Local	1
Back Forest	Berry Estate former pumping station	255 Back Forest Road	Lot 1, DP 1064332	Local	2
Back Forest	Federation weatherboard farmhouse and outbuildings	37 Bailleul Lane (private)	Lot 5, DP 883117	Local	3
Bamarang	“Bamarang”—Victorian sandstone homestead and cemeteries	72 Bamarang Road	Lot 20, DP 746233	Local	4
Bangalee	“Weir”—family graves	Bangalee Scout Camp Road	Lot 48, DP 751273	Local	5
Barrengarry	“Cavan”—dairy farm complex	30 Cavan Road	Lot 7, DP 869740	Local	6
Barrengarry	Barrengarry Store, post office and residence	2167 Moss Vale Road	Lot 11, DP 3237	Local	7
Barrengarry	“Rosedale”—Victorian farmhouse and outbuildings	2240 Moss Vale Road	Lot 101, DP 623325	Local	8
Barrengarry	Former Barrengarry School and schoolmaster’s residence	2565 Moss Vale Road	Lot 2565, DP 1118533	Local	9
Barrengarry	“Ascot”—dairy farm complex	49 Upper Kangaroo River Road	Lot 18, DP 773481	Local	10
Barrengarry	“Oakleigh”—(former gatehouse to Barrengarry House)	89 Upper Kangaroo River Road	Lot 1, DP 746459	Local	11
Barrengarry	“Barrengarry House”—two storey Victorian estate complex including tree-lined drive and approaches	171 Upper Kangaroo River Road	Lot 1 DP 259769; Part Lot 1, DP 195569	Local	12
Bawley Point	1830s colonial road	Johnston Street	Lot 7300, DP 1126283	Local	15
Bawley Point	Relocated Bawley Point mill worker’s cottage	10 Johnston Street	Lot A, DP 380422	Local	13

Bawley Point	Bawley Point guesthouse and trees	21 Johnston Street	Lot 43, DP 1038219	Local	14
Bawley Point	“Murramarang”—former colonial estate house	226 Murramarang Road	Lot 23, DP 571930	Local	16
Bawley Point	Bawley Point sawmill and wharf (former)	Tingira Drive	Lots 120–129, DP 755961; Lot 7004, DP 1057514	Local	17
Beaumont	Cambewarra Lookout manager’s residence and garden	182 Cambewarra Lookout Road	Lot 2, DP 849185	Local	18
Beecroft Peninsula	Wreck of the “Merimbula”	Beecroft Parade	Lot 7306, DP 1128620	Local	19
Beecroft Peninsula	Point Perpendicular lighthouse group	Lighthouse Road	Lots 51 and 52, DP 837775	Local	20
Bellawongarah	Bellawongarah Cemetery	Kangaroo Valley Road	Lots 1–5, DP 1115368; Lot 1, DP 115445; Lot 1, DP 1034714; Lot 7301, DP 1152357	Local	22
Bellawongarah	Former Bellawongarah Church	869 Kangaroo Valley Road	Lots 9 and 10, DP 113374	Local	21
Berry	Federation weatherboard cottage and garden	21 Albany Street	Lot 4, DP 375126	Local	24
Berry	Inter-war Federation style weatherboard cottage and fence	23 Albany Street	Lot B, DP 350396	Local	25
Berry	Victorian Georgian style weatherboard cottage	25 Albany Street	Lot 61, DP 826592	Local	26
Berry	Victorian Georgian style weatherboard cottage	19 Albert Street	Lot A, DP 408003	Local	27
Berry	Federation weatherboard cottage	54 Albert Street	Lot 17, Section 10, DP 8058	Local	28
Berry	Victorian carpenter gothic style hall	77 Albert Street	Lot 100, DP 1172397	Local	29
Berry	<i>Agathis robusta</i> (Kauri Pine)	Alexandra Street	Road reserve in front of Lot 2, DP 17926	Local	33
Berry	<i>Araucaria cunninghamii</i> (Hoop Pine)	Alexandra Street	In the road reserve adjacent to Lot A, DP 411591	Local	37
Berry	Avenue of Remembrance (tree-lined)	Alexandra Street	Road reserve in front of Lot 26, Section 5, DP 8058	Local	35
Berry	Berry War Memorial Park including sandstone war memorial	Alexandra Street	Lot 26, Section 5, DP 8058	Local	34
Berry	David Berry Memorial Park including David Berry Memorial Column and pedestal	Alexandra Street	Part Lot 10, DP 751268	Local	36
Berry	Former Federation brick butcher’s shop	14 Alexandra Street	Lot 1, DP 513688	Local	30
Berry	Berry School of Arts	19 Alexandra Street	Lot 8, DP 924675	Local	31

Berry	Berry showground group and trees including Victorian agricultural pavilion, rotunda, poultry shed, wood chopping arena, cattle yards, Alexandra Street entrances, Sir John Hay Memorial Fountain, former Berry Municipal Chambers, <i>Araucaria bidwilli</i> (Bunya Pine), <i>Araucaria cunninghamii</i> (Hoop Pines), <i>Ficus sp</i> (Fig tree), <i>Erythrina sp</i> (Coral trees), <i>Eucalyptus sp</i> (Eucalyptus trees), <i>Magnolia sp</i> (Magnolias), <i>Photinia serratifolia</i> (Photinia), <i>Callitris macleayana</i> (Cypress), <i>Cinnamomum camphora</i> (Camphor Laurels) and <i>Camellia sp</i> (Camellias)	35 Alexandra Street	Lot 1, DP 940561	Local	32
Berry	Harley Hill Cemetery	Beach Road	Lot 1, DP 723973	Local	38
Berry	Victorian school and trees	1 Clarence Street	Lot 12, DP 882716	Local	108
Berry	Inter-war group of institutional brick and weatherboard buildings and trees	660 Coolangatta Road	Lot 1, DP 131859	Local	40
Berry	Remnant old growth eucalypts	George Street	Road reserve off George Street	Local	41
Berry	Berry General Cemetery	Kangaroo Valley Road	Lot 71, DP 4468	Local	43
Berry	<i>Eucalyptus pilularis</i> (Blackbutt)	42 Kangaroo Valley Road	Lot 2, DP 773489 and the adjacent road reserve	Local	42
Berry	<i>Calodendrum capense</i> (Cape Chestnut)	King Street	On the corner of King Street and Victoria Street in the road reserve adjacent to Lot 1, DP 710284	Local	45
Berry	<i>Syncarpia glomulifera</i> (Turpentine tree)	10 King Street	Lot 23, DP 375126	Local	44
Berry	Roman Catholic church including grounds and two storey brick convent	80 North Street	Lot 1, DP 86897	Local	46
Berry	Bill's concrete horse trough	Prince Alfred Street	Road reserve on the corner of Prince Alfred Street and the Princes Highway adjacent to Lot 2, DP 572830	Local	60
Berry	James Wilson Memorial Fountain	Prince Alfred Street	Road reserve on the corner of Prince Alfred Street and the Princes Highway adjacent to Lot 11, DP 816490	Local	61
Berry	Federation weatherboard cottage including brick stables and hedge	10 Prince Alfred Street	Lot 1, DP 572830	Local	47

Berry	Apex Park	12 Prince Alfred Street	Lot 2, DP 572830	Local	48
Berry	Former Federation weatherboard shop	21 Prince Alfred Street	Lot 16, Section 3, DP 8058	Local	50
Berry	Former Berry Estate Bakery and residence	23 Prince Alfred Street	Lot 2, DP 532935	Local	51
Berry	Federation weatherboard cottage	25 Prince Alfred Street	Lot A, DP 380097	Local	52
Berry	Federation weatherboard cottage and trees	31 Prince Alfred Street	Lot 3, DP 932362	Local	53
Berry	Federation weatherboard cottage and garden	32 Prince Alfred Street	Lot 1, DP 970121	Local	54
Berry	<i>Araucaria heterophylla</i> (Norfolk Island Pines-2)	40 Prince Alfred Street	Lot 1, DP 950717	Local	55
Berry	Georgian style weatherboard cottage	43 Prince Alfred Street	Lot 17, Section 5, DP 8058	Local	56
Berry	Federation weatherboard cottage	47 Prince Alfred Street	Lot 19, Section 5, DP 8058	Local	57
Berry	Victorian Georgian style weatherboard cottage and trees including <i>Araucaria cunninghamii</i> (Hoop Pines-2) and <i>Brachychiton acerifolius</i> (Illawarra Flame trees-3)	53 Prince Alfred Street	Lot 56, DP 701877	Local	58
Berry	Victorian Georgian style gatekeeper's cottage	66 Prince Alfred Street	Lot 1, DP 1022140	Local	59
Berry	"Constables Cottage"—Victorian Georgian style weatherboard cottage and garden	A15 Princes Highway	Lot 1, DP 558065; Lot 5, DP 600374	Local	62
Berry	"Mananga"—Berry Estate manager's farm complex	A40 Princes Highway	Lot 101, DP 1057897	Local	63
Berry	<i>Quercus virginiana</i> (American Live Oak)	Princess Street	Lot 1012, DP 872963	Local	69
Berry	Inter-war weatherboard Californian bungalow	52 Princess Street	Lot 1, DP 304729	Local	64
Berry	Inter-war weatherboard and fibro cottage	54 Princess Street	Lot 18, Section 8, DP 8058	Local	65
Berry	Inter-war brick residence including doctor's surgery and garden	65 Princess Street	Lots 8 and 9, Section 3, DP 8058	Local	66
Berry	Former two storey Anglican rectory and garden	68 Princess Street	Lot 20, DP 840778	Local	67
Berry	St Luke's Anglican Church including memorial gates and trees, including <i>Araucaria heterophylla</i> (Norfolk Island Pine)	68A Princess Street	Lot 21, DP 840778	Local	68

Berry	Colonial style weatherboard store (former Wilson and Co store), and <i>Araucaria heterophylla</i> (Norfolk Island Pines-2)	1 Pulman Street	Lot 1, DP 724944	Local	70
Berry	Colonial weatherboard cottage (former curate's cottage)	3 Pulman Street	Lot 23, DP 1017132	Local	71
Berry	"Lynstowe"—Colonial style weatherboard cottage and former grist mill	11 Pulman Street	Lot 20, DP 5270	Local	72
Berry	Farmhouse and Broughton Creek former grist mill (former Tindal's farm)	13 Pulman Street	Lot 1, DP 629875	Local	73
Berry	Pulman's Weatherboard Farmhouse	30 Pulman Street	Lots 210 and 211, DP 1124317	Local	74
Berry	Two storey Victorian rendered brick shop	Queen Street	Lot 7, DP 825542	Local	92
Berry	Federation weatherboard cottage	50 Queen Street	Lot 1, DP 530751	Local	75
Berry	Mid-twentieth century residence including pool and garden	60–62 Queen Street	Lots 1 and 2, DP 1109325	Local	76
Berry	Relocated Federation weatherboard cottage	65 Queen Street	Lot 1, SP 77007	Local	77
Berry	Inter-war Spanish mission style bungalow and garden	66 Queen Street	Lot 1, DP 619195	Local	78
Berry	Victorian Georgian style weatherboard residence	78 Queen Street	Lot 2, DP 270250	Local	79
Berry	Federation weatherboard cottage	81 Queen Street	Lot A, DP 369043	Local	80
Berry	Former Federation blacksmith's shop including <i>Cinnamomum camphora</i> (Camphor Laurel)	83 Queen Street	Lot B, DP 369043	Local	81
Berry	Two storey Federation residence and garden	89 Queen Street	Lot B, DP 400209	Local	82
Berry	Inter-war Art Deco style shop	102 Queen Street	Lot 1011, DP 872963	Local	83
Berry	Two storey Victorian Italianate style shop	105 Queen Street	Lot 1, DP 778335	Local	84
Berry	Former Victorian Free Classical style estate office	110 Queen Street	Lot 2, DP 209665	Local	85
Berry	Inter-war weatherboard shop	114–118 Queen Street	Lot 1, DP 121360; Lot X, DP 418264	Local	86
Berry	Two storey Victorian hotel and detached kitchen including <i>Acmena smithii</i> (Lilly Pillies-2)	120 Queen Street	Lot 1, DP 578257	Local	87

Berry	Former CBC bank including fence and trees	122 Queen Street	CP SP 93194	Local	88
Berry	Federation weatherboard shop	131 Queen Street	Lot 1, DP 1009635	Local	89
Berry	Berry Museum, former E S and A Bank and garden	135 Queen Street	Lot 1, DP 221105	State	90
Berry	Victorian Free Classical style post office	137 Queen Street	Lots 1 and 2, DP 1111478	Local	91
Berry	<i>Toona australis</i> (Australian Red Cedar)	11 Station Road	Lot 55, DP 701877	Local	93
Berry	Berry Railway Station group including Victorian Georgian style stationmaster's cottage, <i>Ilex cornuta</i> (Chinese Holly) and <i>Gardenia thunbergia</i> (Gardenia)	34 Station Road	Lot 2, DP 1001740	State	94
Berry	<i>Populus nigra italica</i> (Lombardy Poplars-23)	Tannery Road	Road reserve	Local	97
Berry	David Berry Hospital complex including gatehouse, stained glass window, garden, trees and remnant rainforest	85 Tannery Road	Part DP 924054	State	95
Berry	"Woodside Park"—dairy farm complex and gatehouse	94A Tannery Road	Lot 2, DP 731117; Lots 1 and 2, DP 1038647	Local	96
Berry	Mark Radium Park	Victoria Street	Lot 10, DP 1188080	Local	109
Berry	Inter-war Georgian style weatherboard cottage	23 Victoria Street	Lot 2, DP 519970	Local	98
Berry	Former Presbyterian manse and garden	36 Victoria Street	Lot B, DP 163935	Local	99
Berry	Inter-war schoolmaster's residence	40 Victoria Street	Lot 11, DP 882716	Local	100
Berry	<i>Melaleuca decora</i> (Paper Barks-2)	51A Victoria Street	Lot 101, DP 1125002	Local	101
Berry	Victorian Georgian style police residence and lockup	56 Victoria Street	Lot 1, DP 199995	Local	102
Berry	Victorian Classical Academic style court house including <i>Cinnamomum camphora</i> (Camphor Laurel)	58 Victoria Street	Lot 2, DP 199995	State	103
Berry	Federation weatherboard cottage	65 Victoria Street	Lot 11, Section 8, DP 8058	Local	104
Berry	Federation weatherboard cottage and trees	71 Victoria Street	Lot 2, DP 327819	Local	105
Berry	Relocated Colonial weatherboard school (former Broughton Creek School)	79 Victoria Street	Lot 4, Section 8, DP 8058	Local	106

Berry	Inter-war Gothic style brick church and fence	83 Victoria Street	Lot 2, Section 8, DP 8058	Local	107
Berry	Berry Estate salt wall	Wharf Road	Lot 1, DP 568280	Local	110
Berry	Windsor Drive Park	Windsor Drive	Lot 24, DP 248248	Local	111
Berry	<i>Populus nigra italica</i> (Lombardy Poplars-9)	Woodhill Mountain Road	Road reserve	Local	112
Berry Mountain	“Cobbadah”—dairy farm complex including garden, dry stone walls and survey marks	Ben Dooley Road	Lots 1210 and 1211, DP 1099097	Local	113
Berry Mountain	“Glenworth”—two storey residence and grounds	466 Kangaroo Valley Road	Lots 4, 7 and 8, DP 1037100	Local	114
Bewong	Federation weatherboard farmhouse (McDonalds)	Princes Highway	Lot 3, DP 209048; Lot 1, DP 200251	Local	115
Bolong	Berry Estate vertical timber slab cottage and outbuildings	459 Bolong Road	Lot 10, DP 1052770	Local	116
Bolong	“Beuna Vista”—dairy farm complex including Berry Estate vertical timber slab barn	500 Bolong Road	Lot 1; DP 655442; Lot 1, DP 1034357	Local	117
Bolong	Berry Estate timber stud framed flood boatshed	Jennings Lane	Lot 1, DP 872745	Local	120
Bolong	Former Bolong Public School including shelter shed and relocated Carpenter Gothic style Bolong Union Church	8 Jennings Lane	Lots 3 and 4, DP 1108931	Local	118
Bolong	“Iolanthe”—dairy farm complex	100 Jennings Lane	Lots 16, 17 and 19, DP 4266	Local	119
Bomaderry	Former Bomaderry Primary School and trees	5 Birriley Street	Lots 1 and 2, DP 568955	Local	121
Bomaderry	Milk factory (former)	31A Bolong Road	Lot 1, DP 189450	Local	124
Bomaderry	“Greenleaves”—Federation Queen Anne style residence and grounds	59 Bolong Road	Lot 5, Section 32, DP 2886	Local	122
Bomaderry	Federation brick and asbestos tile residence	67 Bolong Road	Part Lot 2, DP 324484	Local	123
Bomaderry	Bomaderry Aboriginal Children’s Homes (former United Aboriginal Mission)	Brinawarr Street	Lots 4–6, Section 29, DP 2886	State	125
Bomaderry	“Illowra”—Federation timber Berry Estate residence and garden	125 Brinawarr Street	Lot 2, DP 792770	Local	136
Bomaderry	Federation weatherboard residence	10 Coomea Street	Lot 16, Section 9, DP 2886	Local	126
Bomaderry	Federation weatherboard residence	12–14 Coomea Street	Lots 14 and 15, Section 9, DP 2886	Local	127
Bomaderry	Inter-war weatherboard Californian bungalow	21 Coomea Street	Lot 5, Section 24, DP 2886	Local	128

Bomaderry	Victorian weatherboard residence	37 Coomea Street	Lot 1, DP 613536	Local	129
Bomaderry	“Lynburn”—timber Federation residence and garden	Mattes Way	Lot 23, DP 793122	Local	130
Bomaderry	Bomaderry Railway Station and yard group including Nowra-Bomaderry Railway Station and “original bar holder”, Bomaderry stationmaster’s house and Bomaderry railway siding group including turntable, weighbridge, goods crane and water pump	Meroo Street	Lot 3, DP 802440; Lots 1 and 2, DP 1021415; Lot 1, DP 884113	State	135
Bomaderry	Bomaderry Presbyterian Church	7 Meroo Street	Lot 6, Section 9, DP 2886	Local	131
Bomaderry	Brick and asbestos tile Federation bungalow	13 Meroo Street	Lot 9, Section 9, DP 2886	Local	132
Bomaderry	Railwaymen’s barracks	16 Meroo Street	Lot 1, DP 854131	Local	133
Bomaderry	Weatherboard cottage (formerly Mrs Pallett’s residence)	77 Meroo Street	Lot 1, DP 506705	Local	134
Bomaderry	Federation Georgian style worker’s cottage	9 Tanang Street	Lot 15, Section 7, DP 2886	Local	137
Bomaderry	Victorian weatherboard residence	6 Tarawara Street	Lot 3, DP 775937	Local	139
Bomaderry	Victorian weatherboard residence	8 Tarawara Street	Lot 1, DP 552899	Local	138
Brooman	Timber cottage group including former school, mill workers’ cottages and mill manager’s residence (old Brooman Town)	1295 Brooman Road	Lot 67, DP 755912	Local	140
Broughton	“Glenvale”—colonial vertical timber slab cottage and farm complex	A371 Princes Highway	Lot 81, DP 1188079	Local	141
Broughton Vale	Colonial weatherboard cottage	119 Bong Bong Road	Lot 103, DP 786955	Local	144
Broughton Vale	Drawing room rocks	Brogers Creek Road	Barron Grounds Nature Reserve	Local	142
Broughton Vale	Broughton Vale Cemetery	350 Broughton Vale Road	Lot 1934, DP 1100783	Local	143
Brundee	“Berry Estate”—vertical timber slab barn (former)	695A Greenwell Point Road	Lot 5, DP 632857	Local	145
Buangla	Grassy gully mine site	Yalwal Road	Morton National Park	Local	146
Bundewallah	Victorian Georgian style farmhouse	218 Bundewallah Road	Lot 1, DP 706470	Local	147
Burrier	Burrier ford	Burrier Road	Shoalhaven River in the vicinity of Lot 51, DP 862458 and Lot 2, DP 226584	Local	148

Burrill Lake	<i>Araucaria heterophylla</i> (Norfolk Island Pine)	4 Kendall Crescent	Lot 307, DP 15648	Local	150A
Burrill Lake	<i>Agathis robusta</i> (Kauri Pine)	McDonald Parade	McDonald Parade road reserve adjacent to land in DP 15648	Local	149
Burrill Lake	Post-war pseudo stone Burrill Lake community hall	Princes Highway	Lot 273, DP 415059	Local	150
Cambewarra	Colonial vertical timber slab cottage	94 Barfield Road	Lot 1, DP 573197	Local	152
Cambewarra	Cambewarra Rainforest Reserve	Cambewarra Lookout Road	Reserve No 57023; Lot 7300, DP 1130978; Lot 7301, DP 1131110; Lot 7302, DP 1131111; Lots 7305 and 7306, DP 1154007; Part Lot 252, DP 720937; Part Lot 2, DP 223819; Lot 3, DP 221288; Lot 103, DP 739867; Lot 1, DP 1116520 (road reserve); Lots 5 and 6, DP 1117580 (road reserve)	Local	151
Cambewarra	Evison's dairy farm complex	49 Hockeys Lane	Lot 2, DP 621553	Local	153
Cambewarra Village	"Llanthony Lodge"—two storey Victorian weatherboard residence	1 Kalinga Street	Lot 101, DP 788323	Local	154
Cambewarra Village	Former weatherboard school	Main Road	Lot 2, DP 839145	Local	158
Cambewarra Village	Corrugated iron community hall	75 Main Road	Lot 1, DP 725937	Local	155
Cambewarra Village	Federation Georgian style residence (former post office)	77 Main Road	Lot 2, DP 240571	Local	156
Cambewarra Village	Weatherboard gothic carpenter style Union Church	80 Main Road	Part Lot 170, DP 751273	Local	157
Cambewarra Village	Former schoolmaster's brick residence and garden	Tannery Road	Lot 1, DP 850699	Local	159
Comberton	Comberton Grange (former dairy farm complex)	Comberton Grange Road	Lot 1, DP 550098	Local	160
Comberton	Lone grave of Thomas Speechley	Forest Road	Part Lot 101, DP 755928	Local	161
Conjola	Conjola timber trestle bridge	Murrays Road	Road reserve	Local	164
Conjola	Murray Family Cemetery	40 Murrays Road	Lot 4, DP 864378	Local	163
Conjola	Conjola Cemetery	Princes Highway	Lot 7037, DP 93024	Local	165
Coolangatta	Berry-Hay Private Cemetery	Bolong Road	Lot 64B, DP 7851	Local	176

Coolangatta	Colonial brick building (former Coolangatta Estate harness room), and Colonial weatherboard building (former Coolangatta Estate blacksmith's shop) and colonial brick and timber building (former Coolangatta Estate tinsmith's shop and residence)	Bolong Road	Part Lot 2, DP 15290	Local	175
Coolangatta	Colonial brick building (former Coolangatta Estate office) and colonial brick hall (former Coolangatta Estate community hall)	Bolong Road	Part Lot 2, DP 223278	Local	173
Coolangatta	Colonial brick building (former Coolangatta Estate stables)	Bolong Road	Lot 3, DP 15290	Local	174
Coolangatta	Coolangatta Estate group	Bolong Road	Lot 10, DP 580917; Lots 1 and 4, DP 15290; Lot 1, DP 525517	Local	169
Coolangatta	Victorian Georgian style farmhouse and trees	1165 Bolong Road	Lot 3, DP 565593	Local	166
Coolangatta	Former Berry Estate brick schoolmaster's residence including garden and former weatherboard Berry Estate school	1180 Bolong Road	Lot 1, DP 657639	Local	167
Coolangatta	Victorian Georgian style farmhouse	1220 Bolong Road	Lot 101, DP 836951	Local	168
Coolangatta	"Coolangatta Park"—Victorian Federation filigree style residence and garden	1320 Bolong Road	Part Lot 1, DP 390622	Local	170
Coolangatta	Colonial weatherboard building (former Coolangatta Estate billiard rooms) and Colonial brick building (former Coolangatta Estate coachman's quarters)	1335 Bolong Road	Lot A, DP 33346	Local	172
Coolangatta	Colonial weatherboard cottage (former Coolangatta Estate convict quarters) and colonial weatherboard cottage (former Coolangatta Estate worker's cottage) and Coolangatta Estate gardens (remnants)	1335 Bolong Road	Lot 1, DP 223278	Local	171

Coolangatta	Coomanderry Swamp drainage channel	Coolangatta Road and Shoalhaven Heads Road	Lot 6, DP 786106; Lot 12, DP 1047067; Lot 12, DP 630628; Lot 1, DP 1196368; Lot 1, DP 706777; Lot 22, DP 1028714; Lot 2, DP 836097; Lot 1, DP 1148057; Lot 3, DP 805443; Lot 5, DP 860111; so much of DP 623346 and DP 615003 that comprises drainage reserves	Local	39
Coolangatta	“Coomanderry Park” (former estate manager’s residence)	100 Coolangatta Road	Lot 2, DP 805443	Local	178
Croobyar	Warden Family Cemetery	Croobyar Road	Lot 1, DP 1145321	Local	179
Croobyar	“Sunny Vale”—dairy farm complex	439 Croobyar Road	Lot 1, DP 725999	Local	180
Croobyar	Old Croobyar farm and tree-lined access (former dairy farm complex)	46 Ringland Lane	Lot 32, DP 734992	Local	181
Croobyar	Former Victorian brick gatehouse to Mount Airlie including elm trees and orchard	32 Woodstock Road	Lots 4 and 5, DP 589195	Local	182
Cudmirrah	Errol Bond Memorial	Goonawarra Drive	Lot 7003, DP 1117842	Local	183
Culburra Beach	Penguin Head geological site	Penguins Head Road	Lot 630, DP 221746	Local	185
Culburra Beach	Moongate to former Culburra guesthouse site	196 Penguins Head Road	Lot 657, DP 12278; Lot C, DP 357811	Local	184
Culburra Beach	Crookhaven lighthouse complex	Prince Edward Avenue	Lot 7004, DP 1059066; Part Lot 34, DP 755971	Local	186
Currarong	Early fibro cottage	5 Beecroft Parade	Lot 41, DP 755903	Local	187
Currarong	Inter-war fibro cottage	14 Fishery Road	Lot 30, DP 16854	Local	188
Currarong	Dolphin Reserve rotunda	2 Piscator Avenue	Lot 222, DP 16854	Local	189
Currowan	Brimbramalla gold mining area	Bimberamala River, Browns Gully, Clyde Ridge and Mines Road	Part of Bimberamala National Park	Local	190
Currowan	“Black Diamond”—gold mine (former)	Currowan Road	Part of State Forest No 820	Local	191
Endrick	“Rixons”—(former coal mine)	Clyde River	Lot 8, DP 755935	Local	192
Falls Creek	Federation period school building	26 Vidler Road	Lots 62 and 63, DP 755965	Local	193
Greenwell Point	Single storey Federation period gabled school house	75 Greenwell Point Road	Lot 1, DP 869305	Local	194
Greenwell Point	Greenwell Point progress hall	83 Greenwell Point Road	Lot 3, Section B, DP 24007	Local	195
Greenwell Point	Colonial weatherboard cottage (former Greenwell Point schoolhouse)	91 Greenwell Point Road	Lot 8, Section A, DP 4071	Local	196

Greenwell Point	“Houshta”—(former Berry Estate worker’s cottage)	93 Greenwell Point Road	Lot 7, Section A, DP 4071	Local	197
Greenwell Point	Greenwell Point Union Church	Jervis Street	Lot 2, DP 869305	Local	199
Huskisson	Tapalla Point geological rock platform	Beach Street	Lot 7012, DP 1021163; Lot 7044, DP 1117433	Local	201
Huskisson	Lone grave of Robert Johnson	2 Beach Street	Lot 7045, DP 1117438	Local	200
Huskisson	Lady Denman heritage complex including relocated former St Georges Basin school buildings and relocated former Woollamia Union Church	11 Dent Street	Lot 138, DP 720912	Local	202
Huskisson	Lady Denman ferry	11 Dent Street	Lot 138, DP 720912	State	203
Huskisson	Inter-war holiday cottage and trees	7 Fegen Street	Lot 1, DP 1093408	Local	204
Huskisson	Weatherboard and fibro boat builder’s cottage	13 Field Street	Lot 2, DP 775346	Local	205
Huskisson	Victorian Georgian weatherboard cottage	40 Hawke Street	Lot 2, DP 323393	Local	206
Huskisson	Jervis Bay hotel	75 Owen Street	Lot 2, DP 209436	Local	207
Huskisson	Victorian weatherboard residence	8 Park Street	Lot 8, DP 528319	Local	208
Huskisson	Huskisson Literary Institute (former)	19 Sydney Street	Lot 7, Section 19, DP 758530	Local	209
Hyams Beach	The Green Cabins (inter-war holiday cabins)	53 Cyrus Street	Lot 1, DP 570194	Local	210
Hyams Beach	Inter-war weekend cabin	57 Cyrus Street	Lot 2, DP 285458	Local	211
Hyams Beach	“Pacific House” (former), including sandstone monument and tree	58–60 Cyrus Street	Lots 7 and 8, DP 550787	Local	212
Hyams Beach	Inter-war weekend cabin	59 Cyrus Street	Lot 3, DP 285458	Local	213
Hyams Beach	Hyams Beach bushfire station	Rose Street	Part Lot 78 and Lot 79, DP 755907	Local	214
Illaroo	“Bundanon”—homestead including outbuildings and natural landscape	533 Bundanon Road	Lots 12–14, 16, 17 and 118, DP 751273; Lot 5, DP 622583	Local	215
Jaspers Brush	Colonial style weatherboard farmhouse including outbuildings and trees	245 Croziers Road	Lot 149, DP 3059	Local	216
Jaspers Brush	Former Jaspers Brush school complex and gardens	4 O’Keeffes Lane	Lot 1, DP 872572	Local	217
Jerrawangala	Colonial road—remnants (former Wool Road)	The Wool Road	Lot 100, DP 787610; Lot 33, DP 651186; Lot 1, DP 100976; Lot 1, DP 745965; Lot 1, DP 197079; Road reserve	Local	218

Kangaroo Valley	“Clinton Park”—dairy farm complex	60 Clinton Park Road	Lot 4, DP 535456	Local	219
Kangaroo Valley	Kangaroo Valley Soldiers Memorial	Moss Vale Road	Lot 1, DP 169083	Local	240
Kangaroo Valley	“Hampden Bridge”—sandstone suspension bridge	Moss Vale Road	Road reserve	Local	241
Kangaroo Valley	Kangaroo Valley General Cemetery	Moss Vale Road	Lot 1, DP 1101764; Lot 1, DP 1120307; Lot 1, DP 1122644; Lots 7308 and 7309, DP 1153234	Local	242
Kangaroo Valley	Federation weatherboard cottage and shop	116 Moss Vale Road	Lot 1, DP 828529	Local	220
Kangaroo Valley	Federation weatherboard cottage	118 Moss Vale Road	Lot 1, DP 1076386	Local	221
Kangaroo Valley	Federation weatherboard cottage	120 Moss Vale Road	Lot 1, DP 883219	Local	222
Kangaroo Valley	Federation weatherboard cottage	124 Moss Vale Road	Lot 101, DP 840159	Local	223
Kangaroo Valley	“St Joseph’s” Catholic brick church and hermitage	130 Moss Vale Road	Lot 1, DP 724070	Local	224
Kangaroo Valley	Relocated Victorian weatherboard school (former Beaumont School)	138 Moss Vale Road	Lot A, DP 409799	Local	225
Kangaroo Valley	Kangaroo Valley School and former schoolmaster’s residence	140 Moss Vale Road	Lot 1, DP 122562; Lot 1, DP 913316	Local	226
Kangaroo Valley	Anglican Church of the Good Shepherd including graveyard, trees and fence	143 Moss Vale Road	Lot 1, DP 724064	Local	227
Kangaroo Valley	Kangaroo Valley Post Office	148 Moss Vale Road	Lot 2, DP 926830	Local	228
Kangaroo Valley	Victorian Georgian style bank (former ANZ Bank)	158 Moss Vale Road	Lot 2, DP 559041	Local	229
Kangaroo Valley	“Friendly Inn”—two storey Victorian masonry hotel	159 Moss Vale Road	Lot 4, DP 11616	Local	230
Kangaroo Valley	Victorian weatherboard shop and residence	170 Moss Vale Road	Lot 1, DP 1182201	Local	231
Kangaroo Valley	Federation weatherboard cottage	172 Moss Vale Road	Lot 9, DP 1940	Local	232
Kangaroo Valley	Weatherboard bakery (former)	174–176 Moss Vale Road	Lots 10 and 11, DP 1940	Local	233
Kangaroo Valley	Federation sandstone courthouse including police station and stables	175 Moss Vale Road	Lot 4, DP 589396	Local	234
Kangaroo Valley	“Osborne Park”—Federation weatherboard community hall and Kangaroo Valley showground complex	177–181 Moss Vale Road	Lot 1, DP 1003243; Lots 1 and 2, DP 210368; Lots A and B, DP 376259; Lot D, DP 409219; Part Lot 1, DP 909749	Local	235

Kangaroo Valley	Federation baker's residence and garage (former)	178 Moss Vale Road	Lot 1, DP 576156	Local	236
Kangaroo Valley	Federation weatherboard cottage	1705 Moss Vale Road	Lot 7, DP 1986	Local	237
Kangaroo Valley	"Ellerslie"—cottage and garden	1747 Moss Vale Road	Lot 1, DP 917487; Lot 1, DP 1101743	Local	238
Kangaroo Valley	"Pioneer Farm"—historic village including slab cottage	2029 Moss Vale Road	Lot 7007, DP 1075462	Local	239
Kangaroo Valley	"Scanzi"—colonial timber farmhouse and outbuildings	770 Mt Scanzi Road	Lot 4, DP 1016737	Local	243
Kangaroo Valley	"Hilltop"—Federation weatherboard residence	20 Quirk Street	Lots 20 and 21, DP 2159	Local	244
Kangaroo Valley	Anglican Church of the Good Shepherd rectory (former)	Rectory Park Way	Lot 9, DP 285133	Local	245
Kioloa	Kioloa sawmill and wharf (former)	Murramarang Road	Lot 24, DP 755941	Local	247
Kioloa	"Kioloa"—Federation weatherboard residence (former post office)	496 Murramarang Road	Lot 1, DP 782318	Local	246
Lake Conjola	Whitaker's Island View Resort (former)	2 Aney Street	Lot 441, DP 755923	Local	248
Little Forest	"Mimosa Farm"—dairy farm complex	40 Little Forest Road	Lot 11, DP 596370	Local	249
Little Forest	"Woodlands"—dairy farm complex	98 Little Forest Road	Lot 42, DP 777515	Local	250
Longreach	"Longreach Farm"—former dairy farm complex	501B Longreach Road	Lot 102, DP 710389	Local	251
Longreach	"Wogamia"—two storey colonial sandstone homestead and outbuildings	170 Wogamia Road	Lot 1, DP 865094	Local	252
Mayfield	Graham Family Grave	Mayfield Road	Lot 7314, DP 1169000	Local	253
Mayfield	"Monaghan's House"—colonial Georgian brick cottage	Mayfield Road	Lot 2, DP 1092338	Local	254
Meroo Meadow	Meroo Meadow Union Church	8 Boxsells Lane	Lot 4, DP 249776	Local	256
Meroo Meadow	Federation Georgian style farmhouse	55 Fletchers Lane	Lot 8, DP 1007274	Local	255
Meroo Meadow	"Pomona"—dairy farm complex	C360 Princes Highway	Lot 2, DP 620160	Local	257
Meroo Meadow	Former Meroo Meadow School and schoolmaster's residence	C385 Princes Highway	Lot 1, DP 716569	Local	258
Milton	Remnant rainforest	Church Street	Part Lot 1 and Lot 2, DP 861814; Lot 1, DP 737627	Local	262

Milton	Victorian weatherboard residence and garden	45 Church Street	Lot 1, DP 531839	Local	259
Milton	Victorian Georgian worker's cottage	47 Church Street	Lot 1, DP 957744	Local	260
Milton	Federation weatherboard residence	64 Church Street	Lot A, DP 164647	Local	261
Milton	Federation gothic brick Catholic Church including presbytery, grounds and <i>Araucaria cunninghamii</i> (Hoop Pine)	Corks Lane	Lot 1, DP 230083	Local	263
Milton	Milton Church of England Cemetery	12 Croobyar Road	Lot 100, DP 1033797	Local	264
Milton	Victorian Gothic Revival rubblestone church (former Congregational Church) including Victorian Georgian brick manse (former congregational manse)	38 Croobyar Road	Lot 1, DP 781179	Local	265
Milton	Victorian Gothic style church and graveyard (former Methodist Church)	71 Croobyar Road	Lot 1, DP 730746	Local	266
Milton	"Claydon Park"—dairy farm complex	75 Croobyar Road	Lot 2, DP 1097329	Local	267
Milton	"Eyrie Bowrie"—two storey Victorian Regency residence	17 Eyrie Bowrie Drive	Lot 3, DP 1124431	Local	285
Milton	"Wynella"—Victorian weatherboard residence	6 Gordon Street	Lot A4, DP 192832	Local	269
Milton	Federation weatherboard residence	17 Myrtle Street	Lot A, DP 384864	Local	270
Milton	<i>Ficus obliqua</i> (small leaved figtree)	Princes Highway	Lot 3, DP 548705	Local	298
Milton	Granite obelisk—War memorial	Princes Highway	Lot 1, DP 150104	Local	300
Milton	"Narrowilly"—dairy farm complex including garden, rainforest and convict road	Princes Highway	Lots 1 and 2, DP 1018899; Lot 198, DP 1091216	Local	301
Milton	"Times Past"—(former Federation weatherboard farmhouse)	51 Princes Highway	Lot 1, DP 558698	Local	271
Milton	Rendered masonry commercial store including residence and trees	61 Princes Highway	Lots 1–3 and CP, SP 66659; Lots 5–8, SP 76002	Local	299
Milton	Federation rendered masonry courthouse and police station	64 Princes Highway	Lot 1, DP 199555	Local	272
Milton	Two storey rendered masonry post office	66 Princes Highway	Lot 1, DP 557669	Local	273
Milton	Victorian Georgian style residence and bakehouse	67 Princes Highway	Lot 4, DP 631087	Local	274

Milton	Inter-war rendered masonry and fibro hall	69 Princes Highway	Lot 1, DP 736273	Local	275
Milton	Victorian classical style rendered masonry Town Hall	71 Princes Highway	Lot 2, DP 151179	Local	276
Milton	“The Star Hotel”—two storey rendered masonry building	82 Princes Highway	Lot 1, DP 872508	Local	277
Milton	Two storey Victorian bakery and residence	92 Princes Highway	Lot 11, DP 594775	Local	278
Milton	“The Settlement” including row of Victorian masonry shops, “Frederick Halls”—weatherboard shop and residence, “H C Blackburn and Sons”—two storey commercial building and tree	93–97 Princes Highway	Lots 1 and 2, DP 980292; Lot 1, DP 741976	Local	279
Milton	Victorian weatherboard residence and shop	94 Princes Highway	Lot 16, DP 1064376	Local	280
Milton	Federation weatherboard residence and well, “Garrad House”—Federation period farmhouse	106 Princes Highway	Lot 1, DP 1127802	Local	281
Milton	Victorian Italianate style bank building (former CBC Bank)	107 Princes Highway	Lot 1, DP 1067384	Local	282
Milton	Milton Anglican Church group including St Peter and St Paul Victorian Gothic Revival style Anglican Church, inter-war carpenter Gothic style Anglican hall and <i>Ulmus parvifolia</i> (Chinese Elm)	109 Princes Highway	Lot 1, DP 780778	Local	283
Milton	Relocated Victorian rendered masonry lighthouse keeper’s cottage	122 Princes Highway	Lot 1, DP 85425	Local	284
Milton	Late Victorian brick residence	133 Princes Highway	Lot 1, DP 1171562	Local	297
Milton	Victorian Georgian residence and former dispensary	133 Princes Highway	Lot 1, DP 1171562	Local	286
Milton	Federation weatherboard residence and garden	137 Princes Highway	Lot 5, DP 78484	Local	287
Milton	Inter-war Federation style cottage	138 Princes Highway	Lot 4, DP 32536	Local	288
Milton	Victorian weatherboard hall (former Salvation Army hall)	141 Princes Highway	Lot 7, Section B, DP 975074	Local	289
Milton	Federation weatherboard residence	145 Princes Highway	Lot 9, Section B, DP 975074	Local	290
Milton	Inter-war Californian bungalow	147 Princes Highway	Lot 10, Section B, DP 975074	Local	291

Milton	Inter-war Federation style timber residence and grounds	148 Princes Highway	Lot 10, DP 32536	Local	292
Milton	“Melrose”—(former dairy farm complex)	150 Princes Highway and 73, 83A and 83B Garrads Lane	Lot 32, DP 707677; Lot 2, DP 1135803; Lot 5, DP 260771; Lot 8, DP 848894	Local	293
Milton	“Hillside”—Victorian Georgian residence and garden	156 Princes Highway	Lot 1, DP 737774	Local	294
Milton	“Candlemakers Cottage”—colonial rendered brick cottage	176 Princes Highway	Lot 2, DP 543122	Local	295
Milton	Two storey Victorian rendered masonry store	197 Princes Highway	Lot 1, DP 37905	Local	296
Milton	Avenue of <i>Ficus macrocarpa</i>	35 Stony Hill Lane	Lot 104, DP 1043266	Local	302
Milton	Victorian rendered masonry school and schoolmaster’s cottage	Thomas Street	Lot 1, DP 861814	Local	304
Milton	Two storey Victorian former manse and graveyard	1 Thomas Street	Lot 55, DP 703805	Local	303
Milton	“Donovans Cottage”—Victorian weatherboard cottage and detached kitchen	42 Wason Street	Lot 1, DP 875432	Local	305
Milton	“King House”—two storey Victorian Georgian style residence	48 Wason Street	Lot A, DP 155412	Local	306
Milton	Inter-war Californian style bungalow	60 Wason Street	Lot 1, DP 907077	Local	307
Milton	Victorian weatherboard corner store	61 Wason Street	Lot 1, DP 1113658	Local	308
Milton	Colonial timber slab cottage	66 Wason Street	Lot 2, DP 331628	Local	309
Milton	“Priaulx Villa”—late Victorian weatherboard residence	69 Wason Street	Lot 81, DP 577186	Local	310
Milton	Victorian weatherboard worker’s cottage	70 Wason Street	Lot 3, Section A, DP 192188	Local	311
Milton	Late Victorian weatherboard residence	73 Wason Street	Lots 14 and 15, DP 1142968	Local	312
Milton	“Mudges Corner”—Federation weatherboard residence including outbuildings, garden and fence	79 Wason Street	Lot 1, Section B, DP 192188	Local	268
Milton	“Pine View”—Federation farmhouse complex and trees	65 Wilfords Lane	Lot 3, DP 785757	Local	313
Milton	“Applegarth”—dairy farm complex including garden and cheese press	140 Wilfords Lane	Lot 15, DP 605477	Local	314

Milton	“Tilba Tilba”—Victorian Georgian style schoolhouse (former Burrill Lake School)	270 Wilfords Lane	Lot 1, DP 726013	Local	315
Milton	“Riverview”—Victorian Georgian style farm complex	299 Wilfords Lane	Lot 2, DP 702500	Local	316
Milton	“Loch Leven”—dairy farm complex including outbuildings, trees and cisterns	300 Wilfords Lane	Lot 2, DP 975557	Local	317
Milton	Milton Congregational Cemetery	Woodstock Road	Lot 1, DP 781178	Local	318
Mollymook	Sandridge General Cemetery	45 Ocean Street	Lots 7313 and 7314, DP 1167265	Local	319
Mollymook Beach	Silica wharf and railway (remnants)	Mitchell Parade	Part of Crown Reserve for Public Recreation from Bannister Point headland to north eastern corner of Lot 838, DP 233504	Local	320
Mondayong	Rubble sandstone memorial (wreck of the Walter Hood)	Bendalong Road	Lot 35, DP 755927	Local	321
Morton	Weatherboard and vertical slab timber farm complex	Woodburn Road	Lot 5, DP 755972	Local	322
Myola	Weatherboard holiday cottage and outbuildings	13 Catherine Street	Lot 26, DP 19900	Local	323
Narrawallee	Silica wharf and tramway	Matron Porter Drive	Lot D, DP 221281; Part of Lot 7009, DP 1116370	Local	324
Nowra	Mechanics Institute and School of Arts	Berry Street	Lot 20, DP 801794	Local	330
Nowra	Pressed metal clad industrial building (former Barnes Garage)	1 Berry Street	Lot 111, DP 997750	Local	325
Nowra	“The Peoples Emporium”—two storey Victorian shop and residence	26 Berry Street	Part Lot 1, DP 81072	Local	326
Nowra	Inter-war Art Deco style cinema and footpath	41 Berry Street	Lot 51, DP 625969	Local	327
Nowra	Former Victorian weatherboard residence	76 Berry Street	Lot 1, DP 972573	Local	328
Nowra	“Hampden Villa”—Victorian weatherboard residence including stables and garden	110 Berry Street	Lot 12, DP 1064853	Local	329
Nowra	Captain Cook Bicentennial Memorial	Bridge Road	Lot 5, DP 262460; Lot 7038, DP 1107416	Local	338
Nowra	“Kilsyth”—Federation weatherboard residence	33 Bridge Road	Lot 1, DP 152217	Local	331
Nowra	“Uuna”—late Victorian weatherboard cottage and garden	35 Bridge Road	Lot A, DP 161648	Local	332

Nowra	Victorian brick residence	45 Bridge Road	Lot 10, DP 601874	Local	333
Nowra	Late Victorian weatherboard cottage	49 Bridge Road	Lot 8, DP 549249	Local	334
Nowra	Inter-war weatherboard Californian bungalow	63 Bridge Road	Lot 2, DP 203275	Local	335
Nowra	“Rodway’s Cottage”—inter-war Federation style residence and garden	86 Bridge Road	Lot 1, DP 737840	Local	336
Nowra	“The Bridge” Hotel—two storey Victorian masonry hotel	87 Bridge Road	Lot 2, DP 843396	Local	337
Nowra	Sandstone landscape monument (Batt’s Folly)	Intersection of Bridge Road and North Street	Road reserve between Lot 2, DP 843396 and Lot 1, DP 737840	Local	339
Nowra	“The Pines”—late Victorian weatherboard residence and trees	76 East Street	Lot 1, DP 115881	Local	340
Nowra	“Cudgerie” Federation weatherboard residence	108 East Street	Lot 11, DP 2607	Local	341
Nowra	“Moss”—cottage (former Moss Central Hotel)	1 Ferry Lane	Lot 135, DP 1094714	Local	342
Nowra	Victorian Georgian style timber slab cottage	19 Ferry Lane	Lot 1, DP 193881	Local	343
Nowra	Victorian Italianate residence and garden	22 Jervis Street	Lot 11, DP 2624	Local	344
Nowra	“Trelawney”—Victorian Georgian weatherboard residence	69 Jervis Street	Lot 1, DP 998589	Local	345
Nowra	“Roseville”—Federation weatherboard residence and fig tree	49–51 Journal Street	Lots 1 and 2, DP 2607	Local	346
Nowra	Heritage streetscape	Junction Street	Road reserve	Local	360
Nowra	Federation weatherboard residence and trees	1 Junction Street	Lot 1, DP 21682	Local	347
Nowra	Federation weatherboard residence	2 Junction Street	Lot W, DP 405938	Local	348
Nowra	<i>Araucaria cunninghamii</i> (Hoop Pine)	12 Junction Street	Lot 4, DP 237126	Local	349
Nowra	<i>Araucaria cunninghamii</i> (Hoop Pine)	14 Junction Street	Lot 3, DP 237126	Local	350
Nowra	Two storey Federation timber convent (former Sisters of the Good Samaritan Convent) including fence and grounds	22 Junction Street	Lot 91, DP 1182460	Local	351
Nowra	“The White House”—two storey timber inter-war guesthouse	30 Junction Street	Lot 13, DP 654893	Local	352
Nowra	“Hillcrest”—two storey timber Federation residence	53 Junction Street	Lot 1, DP 580440	Local	353

Nowra	Former Nowra fire station	55 Junction Street	Lot 1, DP 81794	Local	354
Nowra	Mafeking Boer War Memorial	60–62 Junction Street	Lots 2 and 3, DP 363266 and adjacent road reserve	Local	355
Nowra	Nowra Post Office (former)	72 Junction Street	Lot 1, DP 884212	Local	356
Nowra	Two storey Victorian commercial building	76 Junction Street	Lot 1, DP 512886	Local	357
Nowra	Inter-war Art Deco commercial building	80 Junction Street	Lot 1, DP 321055	Local	358
Nowra	“P. Walsh & Sons”—two storey Victorian commercial building	90 Junction Street	Lot 1, DP 732396	Local	359
Nowra	Nowra General Cemetery	Kalandar Street	Lot 1, DP 724120; Lot 1, DP 1221276; Lots 7305 and 7306, DP 1151018; Lot 7321, DP 1155510	Local	361
Nowra	Federation police residence and lockup (former)	Kinghorne Street	Lot 1, DP 1123776	Local	367
Nowra	Nowra courthouse	Kinghorne Street	Lot 701, DP 1024854	Local	368
Nowra	Two storey Victorian Gothic style manse	3 Kinghorne Street	Lot 11, DP 130904	Local	362
Nowra	St Andrew’s Presbyterian Church and Federation Gothic style rendered brick hall (former church)	5 Kinghorne Street	Lot 2, DP 567875	Local	363
Nowra	“Roslyn Court”—inter-war Art Deco style rendered shops and offices	21 Kinghorne Street	Lot 1, DP 225562	Local	364
Nowra	Victorian commercial bank stables (former)	56 Kinghorne Street	Lot 1, DP 817564	Local	365
Nowra	Victorian weatherboard residence	192 Kinghorne Street	Lot B, DP 157265	Local	366
Nowra	Graham Family Cemetery	Lyrebird Drive	Lot 3, DP 328915	Local	369
Nowra	Two storey Victorian masonry terrace house	1 Moss Street	Lot 38, Section 1, DP 1607	Local	370
Nowra	Inter-war weatherboard cottage and trees	2 Moss Street	Lot B, DP 335109	Local	371
Nowra	Victorian weatherboard store (former iron store)	3 Moss Street	Lot 37, Section 1, DP 1607	Local	372
Nowra	“Hazelmere”—Victorian Georgian masonry residence	7–9 Moss Street	Lot C, DP 410954; Lots 34 and 35, Section 1, DP 1607	Local	373
Nowra	Federation weatherboard residence	11–15 Moss Street	Lots 31 and 32, Section 1, DP 1607; Part Lot D, DP 410954	Local	374
Nowra	Late Victorian weatherboard residence	21 Moss Street	Lot 1, DP 862764	Local	375
Nowra	Late Victorian weatherboard residence	29 Moss Street	Lot 24, Section 1, DP 1607	Local	376

Nowra	Late Victorian weatherboard cottage	31 Moss Street	Lot 23, DP 963328	Local	377
Nowra	St Michael's Roman Catholic Cemetery	North Street	Lot 1, DP 1088531	Local	380
Nowra	St Michael's Roman Catholic Church including two storey Victorian presbytery and grounds	20 North Street	Lot 1, DP 1088531	Local	378
Nowra	Two storey Victorian shop and residence (former Armstrong's Saddlery)	83 North Street	Lot B, DP 386390	Local	379
Nowra	Uniting Church (former Methodist Church)	54 Osborne Street	Lot 1, DP 714910	Local	381
Nowra	Wesley Centre (former Wesleyan Parsonage)	54 Osborne Street	Lot 1, DP 714910	Local	382
Nowra	Victorian Georgian rendered masonry residence	91 Osborne Street	Lot 1001, DP 1220696	Local	383
Nowra	Mid-Victorian timber residence including detached kitchen, well and Red Cedar tree	93 Osborne Street	Lot 8, Section 17, DP 758794	Local	384
Nowra	Two storey mid-Victorian weatherboard residence	95 Osborne Street	Lot 3, DP 601332	Local	385
Nowra	Victorian Georgian rendered masonry residence	97 Osborne Street	Lot 4, DP 601332	Local	386
Nowra	Late Victorian weatherboard residence	105 Osborne Street	Lot 1, DP 986393	Local	387
Nowra	Victorian Georgian style timber residence	109 Osborne Street	Lot 11, DP 545053	Local	388
Nowra	Graham Lodge (former Greenhills Estate Homestead) and grounds	10 Pleasant Way	Lot 1, DP 1010062	State	389
Nowra	Victorian brick Anglican rectory	66 Plunkett Street	Lot 1, DP 1047926	Local	390
Nowra	All Saints Anglican Church including memorial lychgate, trees and Victorian Gothic style hall (former St John's Church)	70 Plunkett Street	Lot 23, DP 1190551	Local	391
Nowra	Victorian rendered brick school and grounds	74 Plunkett Street	Lot 2, DP 863880	Local	392
Nowra	Victorian weatherboard residence	75 Plunkett Street	Lot 3, DP 213471	Local	393
Nowra	Victorian Georgian weatherboard residence	77 Plunkett Street	Lot 4, DP 213471	Local	394
Nowra	Victorian rendered brick residence (former schoolmaster's residence)	82 Plunkett Street	Lot 1, DP 863880	Local	395

Nowra	Police sergeant's residence and grounds (former Nowra courthouse)	84 Plunkett Street	Lot 429, DP 823259	Local	396
Nowra	"Karinga"—inter-war weatherboard residence	85 Plunkett Street	Lot 2, DP 10492	Local	397
Nowra	Brick Californian bungalow (former policeman's quarters)	87 Plunkett Street	Lot 3, DP 10492	Local	398
Nowra	Federation weatherboard residence	89 Plunkett Street	Lot A, DP 401567	Local	399
Nowra	"Wernick Cottage"—Georgian style weatherboard cottage	102 Plunkett Street	Lot 3, DP 329271	Local	400
Nowra	"Myambah"—Federation weatherboard bungalow and garden	134 Plunkett Street	Lot 1, DP 124486	Local	401
Nowra	"Shoalhaven River Bridge"—Victorian wrought iron bridge	Princes Highway	Road reserve	Local	402
Nowra	"Nowra Park"—early Victorian masonry residence and garden	124 Wallace Street	Lot 4, DP 542656	Local	403
Nowra	Nowra showground and sportsground complex including Federation brick pavilion, Victorian masonry gate, toilet, former Victorian Masonry Entrance Gate, Hanging Rock Lookout, Inter-war Castellated Sandstone Memorial Gateway and Sculpture, "Monaghan's"—Victorian Memorial Cast Iron Fountain	West Street	Lot 374, DP 755952; Lot 702, DP 1024852; Lot 7302, DP 1134093; Lot 7323, DP 1164817	Local	405
Nowra	Ben's Walk including Suspension Bridge and Aboriginal Art Sites	West and Worrigeer Streets	Reserve No R70802; Reserve No R6754; Lot 7036, DP 1068935; Lot 7326, DP 1166983; Lot 701, DP 1025652; Lot 7005, DP 1023875; Lot 7301, DP 1134093; Lot 704, DP 1024834; Part Lots 94 and 95, DP 755952; Part Lots 1 and 2, Section 31A, DP 758794; Lot 703, DP 1024833; Part Lot 1, Section 15, DP 758794; Part Lot 4, DP 1136269; Lot 3, DP 585626; Lot 701, DP 1024852; Part of Lot 7018, DP 1024840; Lot 7322, DP 1164817; Lot 7019, DP 1016688; Lot 392 and Part Lot 391, DP 755952; Crown roads	Local	406

Nowra	“Meroogal”—Victorian Timber Residence including Outbuildings and Garden	35 West Street	Part Lot F, DP 403286	State	404
Nowra	Inter-war Weatherboard Building and Timber Wharf	Wharf Road	Lot 7012, DP 1002643	Local	407
Nowra	Inter-war Californian Bungalow	31 Worrigee Street	Lot 1, DP 62072	Local	408
Nowra	Inter-war Federation Style Residence	42 Worrigee Street	Lot 1, DP 912561	Local	409
Nowra	Inter-war Weatherboard Bungalow	47 Worrigee Street	Lot 2, DP 152694	Local	410
Nowra	Federation Weatherboard Residence	49 Worrigee Street	Lot 100, DP 1102700	Local	411
Nowra	Victorian Weatherboard Residence	54 Worrigee Street	Lot 14, DP 976539	Local	412
Nowra	Victorian Weatherboard Residence	56 Worrigee Street	Lot 13, DP 976539	Local	413
Nowra	Victorian Georgian Weatherboard Residence	57 Worrigee Street	Lot 1, DP 780982	Local	414
Nowra	Victorian Weatherboard Residence	58 Worrigee Street	Lot 12, DP 976539	Local	415
Nowra	Victorian Weatherboard Residence	59 Worrigee Street	Lot 1, DP 710860	Local	416
Nowra	Victorian Weatherboard Residence	63 Worrigee Street	Lot 2, DP 736763	Local	417
Nowra Hill	HMAS Albatross—military defence complex and aviation museum	489A Albatross Road	Lot 102, DP 842713; Lot 2, DP 1002996	Local	418
Numbaa	Berry Estate Canal and Ferry	Comerong Island Road		Local	427
Numbaa	<i>Ficus macrophylla</i> (Fig tree)	Comerong Island Road	Road reserve between Lot K, DP 979245 and Lot G, DP 979245	Local	429
Numbaa	Numbaa Cemetery (former)	Comerong Island Road	Lot 10, DP 2812	Local	422
Numbaa	Numbaa Council Chambers (former) and Well	Comerong Island Road	Lot K, DP 979245	Local	428
Numbaa	Lower Numbaa Barn (Berry Estate Slab Barn)	581 Comerong Island Road	Lot 9, DP 2812	Local	426
Numbaa	Former Prefabricated Cast Iron Presbyterian Church	591 Comerong Island Road	Lot 591, DP 1137949	Local	419
Numbaa	Numbaa Catholic Presbytery (former)	601 Comerong Island Road	Lot 1, DP 933179	Local	420
Numbaa	“Chinaman’s Cottage”—Victorian Weatherboard Cottage (former Berry Estate Cottage)	655 Comerong Island Road	Lot G, DP 979245	Local	421
Numbaa	Numbaa Schoolmaster’s Residence (former)	766 Comerong Island Road	Lot 1, DP 550305	Local	423

Numbaa	Numbaa School (former)	770 Comerong Island Road	Lot 2, DP 550305	Local	424
Numbaa	“Prairievale”—(former Berry Estate Manager’s Residence)	835 Comerong Island Road	Lot 14, DP 4332	Local	425
Numbaa	War Memorial Tree (<i>Lophostemon confertus</i>)	Corner of Jindy Andy Lane and Comerong Island Road	Road reserve	Local	433
Numbaa	Berry Estate Slab Barn	130 Jindy Andy Lane	Lot 26, DP 2813	Local	432
Numbaa	“Edinglassie Lodge”—Federation Weatherboard Farmhouse	175 Jindy Andy Lane	Lot 1, DP 208292	Local	430
Numbaa	Concrete Tub Silo	251 Jindy Andy Lane	Lot 2, DP 556830	Local	431
Numbaa	Salt Pans	Smiths Lane	Lots 24 and 25, DP 2813	Local	435
Numbaa	Colonial Farm Complex including Berry Estate Cottage, Outbuildings and Fig trees	68 Smiths Lane	Lot 26A, DP 2813	Local	434
Orient Point	Vertical Timber-lined Drydock	Orsova Parade	Part Lot 111, DP 755971	Local	436
Orient Point	“Roseby Park”—Jerrinja Aboriginal Community Complex and Tribal Burial Ground	Park Row	Lot 51, DP 755971; Lot 98, DP 720072	Local	437
Parma	Parma Farm	Parma Road	Lot 4, DP 1143944; Lots 3 and 4, DP 1160993	Local	438
Pebbly Beach	Pebbly Beach Sawmill Complex, including Sawmill remnants, Town and school site	Pebbly Beach Road	Lots 39, 47, 102–104, 108, 114 and 115, DP 755941; Part of Murramarang National Park	Local	439
Pyree	“Caffery’s”—Roadside Tree Planting (<i>Lophostemon confertus</i>)	At the junction of Jindy Andy Lane, Bournes Lane and Mayfield Road with Greenwell Point Road	Road reserve	Local	440
Pyree	“The Avenue”—Casuarina Trees	Greenwell Point Road		Local	447
Pyree	“Mervalperden”—Dairy Farm Complex (former)	664 Greenwell Point Road	Lot 61, DP 2813	Local	441
Pyree	Upper Numbaa Barn (former Berry Estate Grain Mill)	719 Greenwell Point Road	Lot 101, DP 629485	Local	442
Pyree	“Jindy Andy” (former Berry Estate Dairy)	739 Greenwell Point Road	Lot 105, DP 773888	Local	443
Pyree	Pyree Literary Institute	880 Greenwell Point Road	Lot 126, DP 2813	Local	444
Pyree	Victorian Georgian Schoolhouse (former Pyree Public School) and Coral trees	888 Greenwell Point Road	Lot 126, DP 821471	Local	446
Pyree	Pyree Public Schoolmaster’s Residence (former)	890 Greenwell Point Road	Lot 128, DP 821471	Local	445

Pyree	“George Borrowdale’s house”—(former Berry Estate cottage)	Pyree Lane	Lot 6, DP 1185885; Lot 8, DP 111636	Local	450
Pyree	War Memorial Tree triangle (<i>Lophostermon confertus</i>)	Pyree Lane		Local	449
Pyree	“Somerset House”—Federation weatherboard farmhouse and trees	117 Pyree Lane	Lot A, DP 377595	Local	448
Pyree	“Thistlebank”—Dairy Farm Complex	85 Ryans Lane	Lot 8, DP 876329	Local	451
Shoalhaven Heads	Relocated Weatherboard Church (former Berry Estate Library)	126 Scott Street	Lot 1, DP 704667	Local	452
St Georges Basin	Former Boarding House and St Georges Basin Post Office	23 Deane Street	Lot 1, DP 1049843	Local	453
St Georges Basin	World War II Flying Boat Base	2 Island Point Road	Lot 118, DP 17823; Part of adjoining reserve	Local	454
St Georges Basin	“Jessie Blacket”—Sandstone Memorial Drinking Trough	41 Tasman Road	Lot 110, DP 25769	Local	455
St Georges Basin	Federation Fisherman’s Cottage and garden	146 The Wool Road	Lot A, DP 375526	Local	456
Sussex Inlet	“Greentree’s”—Holiday Cabins	158 Jacobs Drive	Lot 2, DP 574349	Local	457
Sussex Inlet	Post-war fibre cement Community Hall/Sussex Inlet Picture Theatre	173 Jacobs Drive	Lot A, DP 343373	Local	458
Sussex Inlet	Gothic Carpenter style relocated Church (former Termeil Wesleyan Church)	175 Jacobs Drive	Lot B, DP 343373	Local	459
Sussex Inlet	“Kemp’s Boatshed”	River Road	Part Lot 7028, DP 1052695	Local	460
Swanhaven	“The Springs”—Holiday Cabins	1A Yarroma Avenue	Lot 2, DP 554118	Local	461
Tapitallee	Good Dog Cemetery	Bangalee Road	Lot 7312, DP 1153579	Local	462
Terara	“The Old House”—Weatherboard Residence and Well	3–7 Fox Street	Lots 1–5, DP 1035937	Local	463
Terara	“Terara Lodge” (former Wesleyan Parsonage)	6 Holme Street	Lot 28, DP 779285	Local	464
Terara	Victorian Sandstone School and attached Residence including Terara School grounds and Trees	20 Millbank Road	Lot 1, DP 725988	Local	465
Terara	“Dower House” (former Coachman’s House to Millbank)	27B Millbank Road	Lot 2, DP 313528	Local	466
Terara	“Millbank Cottage”—Outbuildings and trees	31 Millbank Road	Lot 1, DP 32426	Local	467

Terara	“Rosebank”—Victorian Georgian style cottage	62 Millbank Road	Lot 6, DP 770600	Local	468
Terara	“Terara House” including Chapel, Grounds and Tree-lined drive	77 Millbank Road	Lot 1, DP 579451	Local	469
Terara	“Rose Cottage” (former Pooley’s Store)	157 South Street	Lot 1, DP 735264	Local	470
Terara	“Ayrton House” (former CBC Bank)	175 South Street	Lot 11, DP 52910	Local	471
Terara	Timber Vertical Slab Worker’s Cottage	119 Terara Road	Lot 102, DP 817248	Local	472
Terara	“Woodlawn”—Victorian Weatherboard Cottage and trees	124 Terara Road	Lot 3, DP 602305	Local	473
Terara	“Citrus Grove”—Victorian Residence and trees	126 Terara Road	Lot 2, DP 79001	Local	474
Terara	“Solway House”—late Victorian Brick Residence and Store	10 West Berry Street and 3 Holme Street	Lots 10 and 11, DP 1080453	Local	475
Tianjara	Alley Family graves	Braidwood Road	Lot 3, DP 755962	Local	476
Tolwong	Tolwong Copper Mine (remnants)	Touga Road	National Park	Local	477
Tomerong	Tomerong Cemetery	331 Hawken Road	Lot 1, DP 812581	Local	478
Tomerong	Victorian Schoolmaster’s Residence	355–359 Hawken Road	Lot 2, DP 725948	Local	479
Tomerong	Interwar Community Hall (former School of Arts)	356 Hawken Road	Lot 100, DP 1148693	Local	480
Tomerong	Tomerong Carpenter style Union Church and Hall	363 Hawken Road	Lot 47, DP 925270	Local	481
Touga	Tim’s Gully Mine	Touga Road	South of Portion 16 in the vicinity of the intersection of North Oaky Creek and Tims Gully	Local	482
Ulladulla	Warden Head Lighthouse	Deering Street	Lot 290, DP 755967	Local	483
Ulladulla	Victorian Georgian style Sandstone School and Schoolmaster’s Residence	241 Green Street	Lot 1, DP 122514	Local	484
Ulladulla	Relocated Victorian Georgian Timber Slab Worker’s Cottage	275 Green Street	Lot 702, DP 1056245	Local	485
Ulladulla	“Springfield”—ornate late Victorian weatherboard farmhouse	41 Kanuka Drive	Lot 146, DP 1122896	Local	487
Ulladulla	“Mascot”—Slab Timber Cottage	56 North Street	Lot 1, DP 337491	Local	486
Ulladulla	Ulladulla Cemetery (former)	Princes Highway	Lot 7012, DP 1031353	Local	490
Ulladulla	“Millards Cottage”—two storey Victorian rendered Masonry Building	81 Princes Highway	Lot 12, DP 565744	Local	488

Ulladulla	“The Marlin”—early Post-war American Colonial Hotel	108–112 Princes Highway	Lots A and B, DP 155990; Lots 11 and 12, Section 2, DP 759018; Lot 1, DP 743246	Local	489
Ulladulla	Warden Head Geological Site	Rennies Beach Close	Lot 59, DP 237534	Local	491
Ulladulla	Sandstone Weir—Millards Creek	St Vincent Street	Lot 702, DP 1030099	Local	492
Ulladulla	Ulladulla Harbour including Old pier and stone pier, Steps and Walls	Wason Street	Part of Lot 1, DP 612935; Lots 3–7 and 9, DP 260884; Part of Lot 7314, DP 1166835	Local	494
Ulladulla	Ulladulla Seawater Pool	Wason Street	Lot 376, DP 726691	Local	495
Ulladulla	Victorian Brick Residence (former Ulladulla Post Office)	23 Wason Street	Lot 50, DP 828221	Local	493
Upper Kangaroo River	“Fern Hill”—(former Church of England Church)	Upper Kangaroo River Road	Lot 100, DP 842428	Local	498
Upper Kangaroo River	Relocated Weatherboard Schoolhouse (former Hillcrest School)	Upper Kangaroo River Road	Lot 1, DP 172019	Local	499
Upper Kangaroo River	“Yarrowooma”—Dairy Farm Complex including Red Cedar Slab Selector’s Cottage	679 Upper Kangaroo River Road	Lot 4, DP 1000686	Local	496
Upper Kangaroo River	Upper Kangaroo River Community Hall	1009 Upper Kangaroo River Road	Lot 1, DP 224929	Local	497
Vincentia	Greenfields Beach Cottage Site and Pine Trees	Birriga Avenue	Lot 44, DP 755907	Local	500
Vincentia	South Huskisson Wharf Sandstone Remnants	Elizabeth Drive	Lot 7021, DP 1117368	Local	501
Vincentia	Plantation Point Rock Platform	Plantation Point Parade	Lot 7023, DP 1117371	Local	502
Wandandian	Wandandian Post Office (former) and Residence	D2625 Princes Highway	Lot 26, DP 1092958	Local	503
Wandandian	“Dalton Park”—Farmhouse and Wandandian Cricket Ground (former)	10 Windley Road	Lot 40, DP 862334	Local	504
Watersleigh	Condie Farm including former Condies cottage, trees and graves	Koloona Drive	Lot 117, DP 751273	Local	505
Wattamolla	Brogers Creek Cemetery	515 Wattamolla Road	Lot 121, DP 1049038	Local	506
Wattamolla	“Pinkawilinie”—(former Wattamolla school house)	539 Wattamolla Road	Lot 190, DP 751264	Local	507
Wattamolla	Victorian weatherboard farmhouse and trees	545 Wattamolla Road	Lot 4, DP 258693	Local	508
West Nowra	Inter-war reinforced concrete building and storage dam (former Nowra water supply and filtration plant)	Filter Road	Lots 6 and 12, DP 805611, Flatrock Creek Waterway	Local	509

Woodhill	Corrugated iron building (former Wesleyan Church)	1 Brogers Creek Road	Lot 100, DP 1006659	Local	510
Woodhill	Woodhill Cemetery	Wattamolla Road	Lot 3, DP 1030426	Local	511
Woodstock	“Woodlands”—weatherboard and iron farmhouse	24 Evans Lane	Lot 22, DP 623582	Local	512
Woodstock	“Avenal”—dairy farm complex	108 Evans Lane	Lot 24, DP 863026	Local	513
Woodstock	“Danesbank”—two storey Victorian stone farmhouse and garden	121 Evans Lane	Lot 9, DP 792205	Local	514
Woodstock	“Woodlawn”—Federation weatherboard farmhouse	Woodstock Road	Lot 16, DP 827800	Local	518
Woodstock	“Mount Airlie”—two storey Victorian Italianate estate residence and trees	34A Woodstock Road	Lot 3, DP 856688	Local	515
Woodstock	Inter-war reinforced concrete butter factory	170 Woodstock Road	Lot 1, DP 529083; Lot 1, DP 726006	Local	516
Woodstock	Federation brick residence (former school residence) and trees	358 Woodstock Road	Lot 1, DP 1031696	Local	517
Woollamia	Lone grave of Sarah Coulon	22 James Farmer Grove	Lot 4, DP 1027849	Local	519
Woollamia	Weatherboard and fibro holiday cottage	759 Woollamia Road	Lots 1 and 2, DP 9289; Lots 3 and 4, DP 1172636	Local	520
Worrigeer	Rubblestone school (former Worrigeer schoolhouse)	20 Booligal Road	Lot 15, DP 755953	Local	521
Worrigeer	Worrigeer Cemetery	Greenwell Point Road	Lot 8, DP 791226	Local	524
Worrigeer	“Congla”—(former Mackenzie Estate manager’s residence)	315 Greenwell Point Road	Lot 2, DP 1087811	Local	522
Worrigeer	Cement rendered colonial (dome) wells (2)	361 Greenwell Point Road	Lot 2, DP 1087811	Local	523
Worrorring Heights	“Erowal Farm” including homestead (ruins), garden, trees and resort ruins	Walter Hood Parade	Lot 34, DP 1093403	Local	525
Yadboro	Pigeon House Mountain Lookout including fire trail and longfella pass	Yadboro Road	Morton National Park	Local	526
Yalwal	Former Yalwal gold mine and township site	Yalwal Road	Part Lots 1 and 2, DP 252335; Part of Reserve No R3167; Part of Reserve No R3168; Lot 7314, DP 1147788; Lot 7 and Part Lots 1–6, Section 5, DP 759129; Part Lots 12 and 13, DP 755931; Lot 7016, DP 1039312; Lot 7018, DP 1039313; Lot 7017, DP 1039315	Local	527
Yatte Yattah	The Sheaffe Family Cemetery	Pointer Road	Lot 17, DP 847482	Local	528

Yatte Yattah	Roman Catholic Church and cemetery	Princes Highway	Lot 138, DP 755923	Local	536
Yatte Yattah	Yatte Yattah Nature Reserve and 2 Waterfalls	Princes Highway and 67B Skye Farm Lane	Lot 15A, DP 755923; Lot 44, DP 806933	Local	537
Yatte Yattah	“Woppindally”—dairy farm complex	E280 Princes Highway	Lot 1, DP 738631	Local	529
Yatte Yattah	“Kendall Dale”—dairy farm complex including homestead and garden	E379A Princes Highway	Part Lot 189, DP 755923; Lot 3, DP 1193328	Local	530
Yatte Yattah	Quercus robur (English Oak trees-2) on driveway entrance	E379A Princes Highway	Part Lot 189, DP 755923; Lot 3, DP 1193328	Local	531
Yatte Yattah	“Kirmington”—dairy farm complex and Henry Kendall monolith	E379B Princes Highway	Lot 425, DP 755923	Local	532
Yatte Yattah	Industrial building (former Yatte Yattah cheese factory)	E380 Princes Highway	Lot 1, DP 725962	Local	533
Yatte Yattah	“Boolgatta”—dairy farm complex and barn	E402D Princes Highway	Lot 71, DP 854641	Local	534
Yatte Yattah	Former Yatte Yattah Public School and schoolmaster’s residence	8A Tierney Road	Lot 453, DP 755923	Local	538
Yatte Yattah	“Hillview” Private Cemetery	8B Tierney Road	Lot 6, DP 32380	Local	539

Part 2 Heritage conservation areas

Name of area	Identification on Heritage Map	Significance
Hampton Bridge Heritage Conservation Area	Shown by red hatching and labelled “C4”	Local
Nowra CBD Fringe West Heritage Conservation Area	Shown by red hatching and labelled “C5”	Local
Pulman Street Heritage Conservation Area	Shown by red hatching and labelled “C1”	Local
Plunkett Street Heritage Conservation Area	Shown by red hatching and labelled “C2”	Local
Terara Heritage Conservation Area	Shown by red hatching and labelled “C3”	Local

Part 3 Archaeological sites

Suburb	Item name	Address	Property description	Significance	Item no
Bendalong	Red Head timber mill and wharf	1 Waratah Street	Lot 187, DP 755923	Local	A1
Comerong Island	Former coal wharf site	Comerong Island Road	Comerong Island	Local	A2
Coolangatta	Berry Estate homestead ruins	1335 Bolong Road	Lot A, DP 33346	Local	A3
Coolangatta	Berry Estate shipyard	Bolong Road	Lot 12, DP 28128	Local	A4
Greenwell Point	Greenwell Point wharf and surrounds	Greenwell Point Road	Lots 7300–7302, DP 1165443	Local	A5
Watersleigh	Condie Farm	Koloona Drive	Lot 117, DP 751273	Local	A6

Search the State Heritage Inventory

Search for NSW heritage

[Return to search page where you can refine/broaden your search.](#)

Statutory listed items

Information and items listed in the State Heritage Inventory come from a number of sources. This means that there may be several entries for the same heritage item in the database. For clarity, the search results have been divided into three sections.

- **Section 1** - contains Aboriginal Places declared by the **Minister for the Environment** under the National Parks and Wildlife Act. This information is provided by Heritage NSW.
- **Section 2** - contains heritage items listed by the **Heritage Council of NSW** under the Heritage Act. This includes listing on the State Heritage Register, an Interim Heritage Order or protected under section 136 of the Heritage Act. This information is provided by Heritage NSW.
- **Section 3** - contains items listed by **local councils** on Local Environmental Plans under the Environmental Planning and Assessment Act and **State government agencies** under s.170 of the Heritage Act. This information is provided by local councils and State government agencies.

Section 1. Aboriginal Places listed under the National Parks and Wildlife Act.

Your search did not return any matching results.

Section 2. Items listed under the Heritage Act.

Your search returned 10 records.

Item name	Address	Suburb	LGA	SHR
Berry Courthouse	58 Victoria Street	Berry	Shoalhaven	01736
Berry Museum	135 Queen Street	Berry	Shoalhaven	01755
Berry Railway Station group and movable relics	Illawarra railway	Berry	Shoalhaven	01084
Bomaderry Aboriginal Children's Home	59 Beinda Street	Bomaderry	Shoalhaven	01874
Bomaderry Railway Station and yard group	Illawarra railway	Bomaderry	Shoalhaven	01090
David Berry Hospital Precinct	Beach Road	Berry	Shoalhaven	00822
Graham Lodge	Pleasant Way	Nowra	Shoalhaven	01699
Hampden Bridge	Moss Vale Road	Kangaroo Valley	Shoalhaven	02024
Lady Denman (M.V.)	Dent Street	Huskisson	Shoalhaven	01518
Meroogal	35 West Street	Nowra	Shoalhaven	00953

Section 3. Items listed by Local Government and State Agencies.

Your search returned 672 records.

Item name	Address	Suburb	LGA	Information source
"Osborne Park" - Kangaroo Valley Showground Complex	177-181 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGGOV
"Osborne Park" community hall and Kangaroo Valley showground complex	177-181 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGGOV
"Roseby Park" Jerringa Aboriginal Community Complex and Tribal Burial Ground	Park Row	Orient Point	Shoalhaven	LGGOV
1830s Colonial Road	Johnston Street	Bawley Point	Shoalhaven	LGGOV
A Row of Victorian Masonry Shops	93-97 Princes Highway	Milton	Shoalhaven	LGGOV
Acmena Smithii (2) (Trees)	120 Queen Street	Berry	Shoalhaven	LGGOV

Agathis robusta (Kauri Pine Tree)	Alexandra Street	Berry	Shoalhaven	LGOV
Agathis robusta (Kauri Pine)	McDonald Parade	Burrill Lake	Shoalhaven	LGOV
Albany - Victorian Georgian style weatherboard cottage	25 Albany Street	Berry	Shoalhaven	LGOV
All Saints Anglican Church including memorial lychgate, trees and hall	70 Plunkett Street	Nowra	Shoalhaven	LGOV
Alley Family Graves	Braidwood Road	Tianjara	Shoalhaven	LGOV
Anglican Church of the Good Shepherd & rectory		Kangaroo Valley	Shoalhaven	GAZ
Anglican Church of the Good Shepherd including graveyard, trees and fence	143 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Anglican Church of the Good Shepherd rectory (former)	Rectory Park Way	Kangaroo Valley	Shoalhaven	LGOV
ANZ Bank (Former)	Queen Street	Berry	Shoalhaven	GAZ
Apex Park (Trees)	12 Prince Alfred Street	Berry	Shoalhaven	LGOV
Applegarth - dairy farm complex including garden and cheese press	140 Wilfords Lane	Milton	Shoalhaven	LGOV
Araucaria bidwillii & Casuarina cunninghamii (Trees)	30 Pulman Street	Berry	Shoalhaven	LGOV
Araucaria cunninghamii (Hoop Pine Tree)	Alexandra Street	Berry	Shoalhaven	LGOV
Araucaria cunninghamii (Hoop Pine Tree)	Corks Lane	Milton	Shoalhaven	LGOV
Araucaria cunninghamii (Hoop Pine Tree)	35 Alexandra Street	Berry	Shoalhaven	LGOV
Araucaria Cunninghamii (Mature Hoop Pine Trees)	14 Junction Street	Nowra	Shoalhaven	LGOV
Araucaria Cunninghamii (Mature Hoop Pine Trees)	12 Junction Street	Nowra	Shoalhaven	LGOV
Araucaria heterophylla (2) (former Wilson & Co.Store)	1 Pulman Street	Berry	Shoalhaven	LGOV
Araucaria heterophylla (Norfolk Island Pine)	4 Kendall Crescent	Burrill Lake	Shoalhaven	LGOV
Araucaria heterophylla (Norfolk Island Pines-2)	40 Prince Alfred Street	Berry	Shoalhaven	LGOV
Ascot - Dairy Farm Complex	49 Upper Kangaroo River Road	Barrengarry	Shoalhaven	LGOV
Avenal - dairy farm complex	108 Evans Lane	Woodstock	Shoalhaven	LGOV
Avenue of Ficus macrocarpa (trees)	35 Stony Hill Lane	Milton	Shoalhaven	LGOV
Avenue of Remembrance (tree-lined)	Alexandra Street	Berry	Shoalhaven	LGOV
Ayrton House (former CBC Bank)	175 South Street	Terara	Shoalhaven	LGOV
Bamarang - Victorian sandstone homestead and cemeteries	72 Bamarang Road	Bamarang	Shoalhaven	LGOV
Bank and Post Office Group incl. fmr ANZ Bank & CBC Bank	Queen Street	Berry	Shoalhaven	GAZ
Barrengarry House - two storey Victorian estate complex	171 Upper Kangaroo River Road	Barrengarry	Shoalhaven	LGOV
Barrengarry Store, Post Office and Residence	2167 Moss Vale Road	Barrengarry	Shoalhaven	LGOV
Bawley Point Guesthouse and Trees	21 Johnston Street	Bawley Point	Shoalhaven	LGOV
Bawley Point Sawmill and Wharf (former)	Tingira Drive	Bawley Point	Shoalhaven	LGOV
Bellawongarah Cemetery	Kangaroo Valley Road	Bellawongarah	Shoalhaven	LGOV
Ben's Walk including Suspension Bridge and Aboriginal Art Sites	West and Worrigee Streets	Nowra	Shoalhaven	LGOV
Berry Estate - vertical timber slab barn (former)	695A Greenwell Point Road	Brundee	Shoalhaven	LGOV
Berry Estate Canal and Ferry	Comerong Island Road	Numbaa	Shoalhaven	LGOV
Berry Estate former pumping station site	255 Back Forest Road	Back Forest	Shoalhaven	LGOV
Berry Estate Homestead Ruins Archaeological Site	1335 Bolong Road	Coolangatta	Shoalhaven	LGOV
Berry Estate Salt Wall	Wharf Road	Berry	Shoalhaven	LGOV
Berry Estate Shipyard Archaeological Site	Bolong Road	Coolangatta	Shoalhaven	LGOV
Berry Estate timber stud framed flood boatshed	Jennings Lane	Bolong	Shoalhaven	LGOV
Berry Estate Vertical Slab Barn	130 Jindy Andy Lane	Numbaa	Shoalhaven	LGOV
Berry Estate vertical timber slab cottage and outbuildings	459 Bolong Road	Bolong	Shoalhaven	LGOV
Berry General Cemetery	Kangaroo Valley Road	Berry	Shoalhaven	LGOV
Berry Museum, former E. S. & A Bank and garden	135 Queen Street	Berry	Shoalhaven	LGOV
Berry Public School - Building B00D and Significant Trees	1 Clarence Street	Berry	Shoalhaven	SGOV
Berry Railway Station Group	Station Road	Berry	Shoalhaven	SGOV
Berry Railway Station Group including Victorian Georgian Style Stationmaster's Cottage, Chinese Holly and Gardenia	34 Station Road	Berry	Shoalhaven	LGOV
Berry School of Arts	19 Alexandra Street	Berry	Shoalhaven	LGOV

Berry Showground Group & Agricultural Pavilion	35 Alexandra Street	Berry	Shoalhaven	LGOV
Berry Showground Trees	Alexandra Street	Berry	Shoalhaven	LGOV
Berry War Memorial Park	Alexandra Street	Berry	Shoalhaven	LGOV
Berry War Memorial Park including sandstone war memorial	Alexandra Street	Berry	Shoalhaven	LGOV
Berry-Hay Private Cemetery	Bolong Road	Coolangatta	Shoalhaven	LGOV
Beuna Vista -dairy farm complex including Berry Estate vertical timber slab barn	500 Bolong Road	Bolong	Shoalhaven	LGOV
Bill's Concrete Horse Trough	Prince Alfred Street	Berry	Shoalhaven	LGOV
Black Diamond - Gold Mine (former).	Currowan Road	Currowan	Shoalhaven	LGOV
Bomaderry (Edwards Ave) Overbridge	Edwards Avenue	Bomaderry	Shoalhaven	SGOV
Bomaderry Aboriginal Children's Homes (former United Aboriginal Mission).	Brinawarr Street	Bomaderry	Shoalhaven	LGOV
Bomaderry Milk Factory (former).	31A Bolong Road	Bomaderry	Shoalhaven	LGOV
Bomaderry Presbyterian Church	7 Meroo Street	Bomaderry	Shoalhaven	LGOV
Bomaderry Rail Station & Stationmasters House	Meroo Street	Bomaderry	Shoalhaven	LGOV
Bomaderry Railway Siding Group	Bolong Road & Railway Street	Bomaderry	Shoalhaven	LGOV
Bomaderry Railway Station and yard group	Meroo Road	Bomaderry	Shoalhaven	LGOV
Bomaderry Railway Station and Yard Group	Meroo Street	Bomaderry	Shoalhaven	SGOV
Bomaderry Stationmaster's House	Meroo Street	Bomaderry	Shoalhaven	LGOV
Boolgatta - dairy farm complex and barn	E402D Princes Highway	Yatte Yattah	Shoalhaven	LGOV
Brachychiton acerifolium (3) (Illawarra Flame trees)	53 Prince Alfred Street	Berry	Shoalhaven	LGOV
Brick and asbestos tile Federation bungalow	13 Meroo Street	Bomaderry	Shoalhaven	LGOV
Brick Californian Bungalow (former Policeman's Quarters)	87 Plunkett Street	Nowra	Shoalhaven	LGOV
Brimbramalla Gold Mining Area (former).	Bimberamala River, Browns Gully, Clyde Ridge and Mines Road	Currowan	Shoalhaven	LGOV
Brogers Creek Cemetery	515 Wattamolla Road	Wattamolla	Shoalhaven	LGOV
Broughton Vale Cemetery	350 Broughton Vale Road	Broughton Vale	Shoalhaven	LGOV
Bundanon - homestead including outbuildings and natural landscape	533 Bundanon Road	Illaroo	Shoalhaven	LGOV
Bundanon and surrounding landscape	Shoalhaven River	Nowra	Shoalhaven	GAZ
Burrier Ford	Burrier Road	Burrier	Shoalhaven	LGOV
Caffery's - Roadside Tree Planting (Lophostemon confertus)	At the junction of Jindy Andy Lane, Bournes Lane and Mayfield Road with Greenwell Point Road	Pyree	Shoalhaven	LGOV
Calodendrum capense (Cape Chestnut Tree)	King Street	Berry	Shoalhaven	LGOV
Cambewarra Lookout manager's residence and garden	182 Cambewarra Lookout Road	Beaumont	Shoalhaven	LGOV
Cambewarra Rainforest Reserve	Cambewarra Lookout Road	Cambewarra	Shoalhaven	LGOV
Candlemakers Cottage - colonial rendered brick cottage	176 Princes Highway	Milton	Shoalhaven	LGOV
Captain Cook Bicentennial Memorial	Bridge Road	Nowra	Shoalhaven	LGOV
Castellated Anzac Memorial Gateway & Sculpture	West Street	Nowra	Shoalhaven	LGOV
Cavan - Dairy Farm Complex	30 Cavan Road	Barrengarry	Shoalhaven	LGOV
CBC Bank	Queen Street	Berry	Shoalhaven	GAZ
Cement Rendered Colonial (Dome) Wells (2)	361 Greenwell Point Road	Worrigee	Shoalhaven	LGOV
Chatburn - Federation Weatherboard Residence	17 Myrtle Street	Milton	Shoalhaven	LGOV
Chinaman's Cottage - Victorian Weatherboard Cottage (Fmr Berry Estate Cottage)	655 Comerong Island Road	Numbaa	Shoalhaven	LGOV
Cinnamomum camphora (tree)	83 Queen Street	Berry	Shoalhaven	LGOV
Citrus Grove - Victorian Residence and trees	126 Terara Road	Terara	Shoalhaven	LGOV
Claydon Park - former Dairy Farm Complex	75 Croobyar Road	Milton	Shoalhaven	LGOV
Clinton Park - Dairy Farm Complex	60 Clinton Park Road	Kangaroo Valley	Shoalhaven	LGOV
Cobbadah - dairy farm complex including garden, dry stone walls and survey marks	Ben Dooley Road	Berry Mountain	Shoalhaven	LGOV
Cockwhy Creek Bridge	Princes Highway	31.7 km south of Milton	Shoalhaven	SGOV
Colonial Brick Building (Fmr Estate Coachman's Qtrs)	Bolong Road	Coolangatta	Shoalhaven	LGOV
Colonial Brick Building (Fmr Estate Tinsmith's Shop)	Bolong Road	Coolangatta	Shoalhaven	LGOV
Colonial Brick Building (Fmr Estate Harness Room)	Bolong Road	Coolangatta	Shoalhaven	LGOV

Colonial Brick Building_(Fmr. Estate Office)	Bolong Road	Coolangatta	Shoalhaven	LGOV
Colonial brick building_(former Coolangatta Estate stables)	Bolong Road	Coolangatta	Shoalhaven	LGOV
Colonial Brick Hall_(Former Estate Community Hall)	Bolong Road	Coolangatta	Shoalhaven	LGOV
Colonial Building_(Fmr. Estate Blacksmiths Shop)	Bolong Road	Coolangatta	Shoalhaven	LGOV
Colonial Cottage_(Fmr. Estate Workers Cottage)	1335 Bolong Road	Coolangatta	Shoalhaven	LGOV
Colonial Farm Complex including_Berry Estate Cottage, Outbuildings and Fig trees	68 Smiths Lane	Numbaa	Shoalhaven	LGOV
Colonial road - remnants_(former Wool Road)	The Wool Road	Jerrawangala	Shoalhaven	LGOV
Colonial style weatherboard farmhouse including outbuildings and trees	245 Croziers Road	Jaspers Brush	Shoalhaven	LGOV
Colonial style weatherboard store and Norfolk Island Pines	1 Pulman Street	Berry	Shoalhaven	LGOV
Colonial Timber Building_(Fmr Estate Billiard Room)	1335 Bolong Road	Coolangatta	Shoalhaven	LGOV
Colonial Timber Cottage_(Fmr Estate Convict Quarters)	1335 Bolong Road	Coolangatta	Shoalhaven	LGOV
Colonial Timber Slab Cottage	66 Wason Street	Milton	Shoalhaven	LGOV
Colonial vertical timber slab cottage	94 Barfield Road	Cambewarra	Shoalhaven	LGOV
Colonial weatherboard building and brick building_(former Coolangatta Estate)	1335 Bolong Road	Coolangatta	Shoalhaven	LGOV
Colonial Weatherboard Cottage	119 Bong Bong Road	Broughton Vale	Shoalhaven	LGOV
Colonial weatherboard cottage_(former Curate's Cottage)	3 Pulman Street	Berry	Shoalhaven	LGOV
Colonial weatherboard cottage_(former Greenwell Point schoolhouse)	91 Greenwell Point Road	Greenwell Point	Shoalhaven	LGOV
Colonial weatherboard cottages and gardens_(former Coolangatta Estate)	1335 Bolong Road	Coolangatta	Shoalhaven	LGOV
Comberton Grange_(former dairy farm complex)	Comberton Grange Road	Comberton	Shoalhaven	LGOV
Concrete Tub Silo	251 Jindy Andy Lane	Numbaa	Shoalhaven	LGOV
Condie Farm Archaeological Site	Koloona Drive	Watersleigh	Shoalhaven	LGOV
Congla - (former Mackenzie Estate manager's residence)	315 Greenwell Point Road	Worrigea	Shoalhaven	LGOV
Conjola Cemetery	Princes Highway	Conjola	Shoalhaven	LGOV
Conjola Timber Trestle Bridge	Murrays Road	Conjola	Shoalhaven	LGOV
Constables Cottage - Victorian Georgian style weatherboard cottage and garden	185 Queen Street	Berry	Shoalhaven	LGOV
Coolangatta Estate	Shoalhaven Heads Road	Coolangatta	Shoalhaven	GAZ
Coolangatta Estate Gardens_(remnants)	1335 Bolong Road	Coolangatta	Shoalhaven	LGOV
Coolangatta Estate Group	Bolong Road	Coolangatta	Shoalhaven	LGOV
Coolangatta Park - Victorian Federation filigree style residence and garden	1320 Bolong Road	Coolangatta	Shoalhaven	LGOV
Coomanderry Park_(former estate manager's residence)	100 Coolangatta Road	Coolangatta	Shoalhaven	LGOV
Coomanderry Swamp Drainage Channel	Coolangatta Road and Shoalhaven Heads Road	Coolangatta	Shoalhaven	LGOV
Corrugated iron building_(former Wesleyan Church)	1 Brogers Creek Road	Woodhill	Shoalhaven	LGOV
Corrugated iron community hall	75 Main Road	Cambewarra Village	Shoalhaven	LGOV
Courthouse	Princes Highway	Milton	Shoalhaven	GAZ
Courthouse_(former)	Shoalhaven Road	Kangaroo Valley	Shoalhaven	GAZ
Croobyar Creek Weir No 1	Croobyar Creek	Milton	Shoalhaven	SGOV
Croobyar Creek Weir No 2	Croobyar Creek	Milton	Shoalhaven	SGOV
Croobyar Creek Weir No 3	Croobyar Creek	Milton	Shoalhaven	SGOV
Croobyar Creek Weir No 4	Croobyar Creek	Milton	Shoalhaven	SGOV
Croobyar Creek Weir No 5	Croobyar Creek	Milton	Shoalhaven	SGOV
Crookhaven Lighthouse Complex	Prince Edward Avenue	Culburra Beach	Shoalhaven	LGOV
Cudgerie Federation weatherboard residence	108 East Street	Nowra	Shoalhaven	LGOV
Dalton Park - Farmhouse and Wandandian Cricket Ground_(former)	10 Windley Road	Wandandian	Shoalhaven	LGOV
Danesbank - two storey Victorian stone farmhouse and garden	121 Evans Lane	Woodstock	Shoalhaven	LGOV
David Berry Hospital Complex including Remnant Rainforest	85 Tannery Road	Berry	Shoalhaven	LGOV
David Berry Memorial Column & Pedestal	Alexandra Street	Berry	Shoalhaven	LGOV
David Berry Memorial Park	Alexandra Street	Berry	Shoalhaven	LGOV
David Berry Memorial Park including Memorial column	Alexandra Street	Berry	Shoalhaven	LGOV

David Berry Memorial Park including memorial column and pedestal	Alexandra Street	Berry	Shoalhaven	LGOV
Dispensary (Former)	133 Princes Highway	Milton	Shoalhaven	LGOV
Dolphin Reserve Rotunda and Figtree	2 Piscator Avenue	Currarong	Shoalhaven	LGOV
Donovans Cottage - Victorian weatherboard cottage and detached kitchen	42 Wason Street	Milton	Shoalhaven	LGOV
Dower House (former Coachman's House to Millbank)	27B Millbank Road	Terara	Shoalhaven	LGOV
Drawing Room Rocks	Brogers Creek Road	Broughton Vale	Shoalhaven	LGOV
Dungowan - Former Guest House	99 Naval Parade	Erowal Bay	Shoalhaven	LGOV
Early fibro cottage	5 Beecroft Parade	Currarong	Shoalhaven	LGOV
Edinglassie Lodge - Federation Weatherboard Farmhouse	175 Jindy Andy Lane	Numbaa	Shoalhaven	LGOV
Ellerslie - cottage and garden	1747 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Elston - Former Weatherboard Private Hospital	83 Plunkett Street	Nowra	Shoalhaven	LGOV
Erowal Farm including homestead (ruins), garden, trees and resort ruins	Walter Hood Parade	Worrowing Heights	Shoalhaven	LGOV
Errol Bond Memorial	Goonawarra Drive	Cudmirrah	Shoalhaven	LGOV
Eucalyptus pilularis (Blackbutt Tree)	42 Kangaroo Valley Road	Berry	Shoalhaven	LGOV
Evison's Dairy Farm Complex	49 Hockeys Lane	Cambewarra	Shoalhaven	LGOV
Eyrie Bowrie - two storey Victorian Regency residence	17 Eyrie Bowrie Drive	Milton	Shoalhaven	LGOV
Falls Creek Public School - Buildings B00A and B00E	26 Vidler Road	Falls Creek	Shoalhaven	SGOV
Farmhouse and Broughton Creek former grist mill (former Tindal's farm)	13 Pulman Street	Berry	Shoalhaven	LGOV
Federation baker's residence and garage (former)	178 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Federation Brick and Asbestos Tile Residence	67 Bolong Road	Bomaderry	Shoalhaven	LGOV
Federation brick Catholic Church & Presbytery	Corks Lane	Milton	Shoalhaven	LGOV
Federation brick residence (former school residence) and trees	358 Woodstock Road	Woodstock	Shoalhaven	LGOV
Federation Fisherman's Cottage and garden	146 The Wool Road	St Georges Basin	Shoalhaven	LGOV
Federation Georgian Style Farmhouse	55 Fletchers Lane	Meroo Meadow	Shoalhaven	LGOV
Federation Georgian style residence (former post office)	77 Main Road	Cambewarra Village	Shoalhaven	LGOV
Federation Georgian style Worker's Cottage	9 Tanang Street	Bomaderry	Shoalhaven	LGOV
Federation gothic Catholic Church including presbytery, grounds and Hoop Pine	Corks Lane	Milton	Shoalhaven	LGOV
Federation Gothic style Rendered Brick Hall	5 Kinghorne Street	Nowra	Shoalhaven	LGOV
Federation period school building	26 Vidler Road	Falls Creek	Shoalhaven	LGOV
Federation police residence and lockup (former)	Kinghorne Street	Nowra	Shoalhaven	LGOV
Federation rendered masonry courthouse and police station	64 Princes Highway	Milton	Shoalhaven	LGOV
Federation Residence (demolished) & Well	102 Princes Highway	Milton	Shoalhaven	LGOV
Federation sandstone courthouse including police station and stables	175 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Federation Weatherboard Community Hall	177 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Federation Weatherboard Cottage	172 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Federation Weatherboard Cottage	81 Queen Street	Berry	Shoalhaven	LGOV
Federation Weatherboard Cottage	54 Albert Street	Berry	Shoalhaven	LGOV
Federation Weatherboard Cottage	47 Prince Alfred Street	Berry	Shoalhaven	LGOV
Federation Weatherboard Cottage	50 Queen Street	Berry	Shoalhaven	LGOV
Federation Weatherboard Cottage	65 Victoria Street	Berry	Shoalhaven	LGOV
Federation weatherboard cottage	1705 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Federation Weatherboard Cottage	124 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Federation Weatherboard Cottage	120 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Federation Weatherboard Cottage	118 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Federation weatherboard cottage and garden	32 Prince Alfred Street	Berry	Shoalhaven	LGOV
Federation Weatherboard Cottage and Shop	116 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Federation weatherboard cottage and trees	31 Prince Alfred Street	Berry	Shoalhaven	LGOV
Federation weatherboard cottage and trees	71 Victoria Street	Berry	Shoalhaven	LGOV
Federation weatherboard cottage including brick stables and garden	10 Prince Alfred Street	Berry	Shoalhaven	LGOV

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Federation Weatherboard Farmhouse (McDonalds)	Princes Highway	Bewong	Shoalhaven	LGOV
Federation weatherboard farmhouse and outbuildings	37 Bailleul Lane (private)	Back Forest	Shoalhaven	LGOV
Federation weatherboard residence	145 Princes Highway	Milton	Shoalhaven	LGOV
Federation Weatherboard Residence	64 Church Street	Milton	Shoalhaven	LGOV
Federation Weatherboard Residence	89 Plunkett Street	Nowra	Shoalhaven	LGOV
Federation Weatherboard Residence	11-15 Moss Street	Nowra	Shoalhaven	LGOV
Federation Weatherboard Residence	26- 26A Worrigeer Street	Nowra	Shoalhaven	LGOV
Federation Weatherboard Residence	2 Junction Street	Nowra	Shoalhaven	LGOV
Federation Weatherboard Residence	12 - 14 Coomea Street	Bomaderry	Shoalhaven	LGOV
Federation Weatherboard Residence	49 Worrigeer Street	Nowra	Shoalhaven	LGOV
Federation Weatherboard Residence	10 Coomea Street	Bomaderry	Shoalhaven	LGOV
Federation weatherboard residence and garden	137 Princes Highway	Milton	Shoalhaven	LGOV
Federation weatherboard residence and trees	1 Junction Street	Nowra	Shoalhaven	LGOV
Federation Weatherboard Shop	131 Queen Street	Berry	Shoalhaven	LGOV
Fern Hill - (former Church of England Church)	890 Upper Kangaroo River Road	Upper Kangaroo River	Shoalhaven	LGOV
Ficus macrophylla (2) (Morton Bay Fig Tree)	15 Pulman Street	Berry	Shoalhaven	LGOV
Ficus macrophylla (Morton Bay Fig Tree)	Comerong Island Road	Numbaa	Shoalhaven	LGOV
Ficus obliqua (Small leaved fig tree)	Princes Highway	Milton	Shoalhaven	LGOV
Former Barrengarry School and schoolmaster's residence	2565 Moss Vale Road	Barrengarry	Shoalhaven	LGOV
Former Bellowongarah Wesleyan Church	869 Kangaroo Valley Road	Bellowongarah	Shoalhaven	LGOV
Former Berry Estate Bakery and Residence	23 Prince Alfred Street	Berry	Shoalhaven	LGOV
Former Berry Estate School, Residence and Gardens	1180 Bolong Road	Coolangatta	Shoalhaven	LGOV
Former Berry Estate Schoolmaster's Residence & Garden	1180 Bolong Road	Coolangatta	Shoalhaven	LGOV
Former Berry Estate Weatherboard School	1180 Bolong Road	Coolangatta	Shoalhaven	LGOV
Former Berry Municipal Chambers	Alexandra Street	Berry	Shoalhaven	LGOV
Former Bolong Public School and Relocated Bolong Union Church	8 Jennings Lane	Bolong	Shoalhaven	LGOV
Former Bomaderry Primary School and Trees	5 Birriley Street	Bomaderry	Shoalhaven	LGOV
Former CBC bank including fence and trees	122 Queen Street	Berry	Shoalhaven	LGOV
Former Coal Wharf Archaeological Site	Comerong Island Road	Comerong Island	Shoalhaven	LGOV
Former Coolangatta Estate harness room, blacksmith, tinsmith shops and residence	Bolong Road	Coolangatta	Shoalhaven	LGOV
Former Coolangatta Estate office and Coolangatta Estate community hall	Bolong Road	Coolangatta	Shoalhaven	LGOV
Former Federation Blacksmith's Shop	83 Queen Street	Berry	Shoalhaven	LGOV
Former Federation blacksmith's shop including Camphor Laurel tree	83 Queen Street	Berry	Shoalhaven	LGOV
Former Federation Brick Butcher's Shop	14 Alexandra Street	Berry	Shoalhaven	LGOV
Former Jaspers Brush School Complex and Gardens	4 O'Keefes Lane	Jaspers Brush	Shoalhaven	LGOV
Former Meroo Meadow School and schoolmaster's residence	C385 Princes Highway	Meroo Meadow	Shoalhaven	LGOV
Former Nowra Fire Station	55 Junction Street	Nowra	Shoalhaven	LGOV
Former Prefabricated Cast Iron Presbyterian Church	591 Comerong Island Road	Numbaa	Shoalhaven	LGOV
Former Schoolmaster's Italianate style Brick Residence and Garden	Tannery Road	Cambewarra Village	Shoalhaven	LGOV
Former Silica Wharf and Tramway Remnants (Mollymook)	Mitchell Parade	Mollymook Beach	Shoalhaven	LGOV
Former Silica Wharf and Tramway Remnants (Narrawallee)	Matron Porter Drive	Narrawallee	Shoalhaven	LGOV
Former St Johns Victorian Gothic style Anglican Church	70 Plunkett Street	Nowra	Shoalhaven	LGOV
Former two storey Anglican rectory and garden	68 Princess Street	Berry	Shoalhaven	LGOV
Former Two Storey Presbyterian Manse and Garden	36 Victoria Street	Berry	Shoalhaven	LGOV
Former Victorian brick gatehouse to Mount Airlie including elm trees and orchard	32 Woodstock Road	Croobyar	Shoalhaven	LGOV
Former Victorian Congregational Manse and Victorian Revival Uniting Church	38 Croobyar Road	Milton	Shoalhaven	LGOV
Former Victorian Free Classical style estate office	110 Queen Street	Berry	Shoalhaven	LGOV
Former Victorian weatherboard residence	76 Berry Street	Nowra	Shoalhaven	LGOV

Former weatherboard school	Main Road	Cambewarra Village	Shoalhaven	LGOV
Former Yalwal gold mine, township site and cemetery	Yalwal Road	Yalwal	Shoalhaven	LGOV
Former Yatte Yattah Public School and schoolmaster's residence	8A Tierney Road	Yatte Yattah	Shoalhaven	LGOV
Friendly Inn - two storey Victorian masonry hotel	159 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Gardenia thunbergia (tree)	34 Station Road	Berry	Shoalhaven	LGOV
Garrad House	Princes Highway	Milton	Shoalhaven	SGOV
Garrad House - Federation Period Farmhouse and Well	106 Princes Highway	Milton	Shoalhaven	LGOV
Gate House	See David Berry Hospital Act No.53 1906	Waverton	Shoalhaven	SGOV
George Borrowdale's house - (former Berry Estate cottage)	Pyree Lane	Pyree	Shoalhaven	LGOV
Georgian style Weatherboard Cottage	43 Prince Alfred Street	Berry	Shoalhaven	LGOV
Glencor - Victorian Weatherboard Cottage	59 Plunkett Street	Nowra	Shoalhaven	LGOV
Glenvale - colonial vertical timber slab cottage and farm complex	A371 Princes Highway	Broughton	Shoalhaven	LGOV
Glenworth - Two Storey Residence and Grounds	466 Kangaroo Valley Road	Berry Mountain	Shoalhaven	LGOV
Good Dog Cemetery	Bangalee Road	Tapitallee	Shoalhaven	LGOV
Gothic Carpenter style relocated Church (former Termeil Wesleyan Church)	175 Jacobs Drive	Sussex Inlet	Shoalhaven	LGOV
Graham Family Cemetery	Lyrebird Drive	Nowra	Shoalhaven	LGOV
Graham Family Grave	Mayfield Road (east side, between 'Mayfield' and 'Mayfair')	Mayfield	Shoalhaven	LGOV
Graham Lodge (former Greenhills Estate Homestead) and grounds	10 Pleasant Way	Nowra	Shoalhaven	LGOV
Granite Obelisk - War Memorial	Princes Highway	Milton	Shoalhaven	LGOV
Grassy Gully Mine Site	Yalwal Road	Buangla	Shoalhaven	LGOV
Greenfields Beach Cottage Site and Pine Trees	Birriga Avenue	Vincentia	Shoalhaven	LGOV
Greenhills - Weatherboard and vertical slab timber farm complex	210 Woodburn Road	Morton	Shoalhaven	LGOV
Greenleaves - Federation Queen Anne style residence and grounds	59 Bolong Road	Bomaderry	Shoalhaven	LGOV
Greentree's - Holiday Cabins	158 Jacobs Drive	Sussex Inlet	Shoalhaven	LGOV
Greenwell Point Progress Hall	83 Greenwell Point Road	Greenwell Point	Shoalhaven	LGOV
Greenwell Point Public School - Building B00D	75 Greenwell Point Road	Greenwell Point	Shoalhaven	SGOV
Greenwell Point Union Church	Jervis Street	Greenwell Point	Shoalhaven	LGOV
Greenwell Point Wharf and Surrounds Archaeological Site	Greenwell Point Road	Greenwell Point	Shoalhaven	LGOV
Hampden Bridge		Kangaroo Valley	Shoalhaven	GAZ
Hampden Bridge - sandstone suspension bridge	Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Hampden Bridge, Kangaroo Valley	Main Road 261	Kangaroo Valley	Shoalhaven	SGOV
Hampden Villa		Unknown	Unknown	GAZ
Hampden Villa - Victorian weatherboard residence including stables and garden	110 Berry Street	Nowra	Shoalhaven	LGOV
Hampton Bridge Heritage Conservation Area	Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Hanging Rock Lookout	West Street	Nowra	Shoalhaven	LGOV
Harley Hill Cemetery	Beach Road	Berry	Shoalhaven	LGOV
Hazelmere - Victorian Georgian Masonry Residence	7-9 Moss Street	Nowra	Shoalhaven	LGOV
Higgins Creek Bridge	Road No. 1	95.9 km south of Nowra (21.72 km south of Milton)	Shoalhaven	SGOV
Hillcrest - two storey timber Federation residence	53 Junction Street	Nowra	Shoalhaven	LGOV
Hillside - Victorian Georgian residence and garden	156 Princes Highway	Milton	Shoalhaven	LGOV
Hilltop - Federation Weatherboard Residence	20 Quirk Street	Kangaroo Valley	Shoalhaven	LGOV
Hillview Private Cemetery	8B Tierney Road	Yatte Yattah	Shoalhaven	LGOV
HMAS Albatross - military defence complex and aviation museum	489A Albatross Road	Nowra Hill	Shoalhaven	LGOV
Houshta - (former Berry Estate Worker's Cottage)	93 Greenwell Point Road	Greenwell Point	Shoalhaven	LGOV
Huskisson Literary Institute (former)	19 Sydney Street	Huskisson	Shoalhaven	LGOV
Hyams Beach bushfire station	Rose Street	Hyams Beach	Shoalhaven	LGOV
Ilex cornuta (Chinese Holly Tree)	34 Station Road	Berry	Shoalhaven	LGOV
Illowra - Federation timber Berry Estate residence and	125 Brinawarr Street	Bomaderry	Shoalhaven	LGOV

garden				
Industrial building,(former Yatte Yattah cheese factory)	E380 Princes Highway	Yatte Yattah	Shoalhaven	LGOV
Inter war Carpenter Gothic style Hall	109 Princes Highway	Milton	Shoalhaven	LGOV
Inter War Roman Catholic Church Group	80 North Street	Berry	Shoalhaven	LGOV
Inter War Two Storey Brick Convent	80 North Street	Berry	Shoalhaven	LGOV
Inter War Weatherboard Californian Bungalow	31 Bridge Road	Nowra	Shoalhaven	LGOV
Inter War Weatherboard Cottage	59 Bridge Road	Nowra	Shoalhaven	LGOV
Inter-war Art Deco Commercial Building	80 Junction Street	Nowra	Shoalhaven	LGOV
Inter-war Art Deco style cinema and footpath	41 Berry Street	Nowra	Shoalhaven	LGOV
Inter-war Art Deco style shop	102 Queen Street	Berry	Shoalhaven	LGOV
Inter-war brick residence including doctor's surgery and garden	65 Princess Street	Berry	Shoalhaven	LGOV
Inter-war Californian bungalow	147 Princes Highway	Milton	Shoalhaven	LGOV
Inter-war Californian Bungalow	31 Worrigeer Street	Nowra	Shoalhaven	LGOV
Inter-war Californian style bungalow	60 Wason Street	Milton	Shoalhaven	LGOV
Inter-war Community Hall (former School of Arts)	356 Hawken Road	Tomerong	Shoalhaven	LGOV
Inter-war Federation style cottage	138 Princes Highway	Milton	Shoalhaven	LGOV
Inter-war Federation Style Residence	42 Worrigeer Street	Nowra	Shoalhaven	LGOV
Inter-war Federation style timber residence and grounds	148 Princes Highway	Milton	Shoalhaven	LGOV
Inter-war Federation style weatherboard cottage and fence	23 Albany Street	Berry	Shoalhaven	LGOV
Inter-war fibro cottage	14 Fishery Road	Curarong	Shoalhaven	LGOV
Inter-war Georgian style weatherboard cottage	23 Victoria Street	Berry	Shoalhaven	LGOV
Inter-war Gothic style Brick Presbyterian Church and Fence	83 Victoria Street	Berry	Shoalhaven	LGOV
Inter-war group of institutional brick and weatherboard buildings and trees	660 Coolangatta Road	Berry	Shoalhaven	LGOV
Inter-war holiday cottage and trees	7 Fegen Street	Huskisson	Shoalhaven	LGOV
Inter-war reinforced concrete building and storage dam	Filter Road	West Nowra	Shoalhaven	LGOV
Inter-war reinforced concrete butter factory	170 Woodstock Road	Woodstock	Shoalhaven	LGOV
Inter-war Rendered Masonry and Fibro Hall	69 Princes Highway	Milton	Shoalhaven	LGOV
Inter-war schoolmaster's residence	40 Victoria Street	Berry	Shoalhaven	LGOV
Inter-war Spanish mission style bungalow and garden	66 Queen Street	Berry	Shoalhaven	LGOV
Inter-war weatherboard and fibro cottage	54 Princess Street	Berry	Shoalhaven	LGOV
Inter-war Weatherboard Building and Timber Wharf	Wharf Road	Nowra	Shoalhaven	LGOV
Inter-war weatherboard Californian bungalow	52 Princess Street	Berry	Shoalhaven	LGOV
Inter-war Weatherboard Californian Bungalow	63 Bridge Road	Nowra	Shoalhaven	LGOV
Inter-war Weatherboard Californian Bungalow	47 Worrigeer Street	Nowra	Shoalhaven	LGOV
Inter-war weatherboard Californian bungalow	21 Coomea Street	Bomaderry	Shoalhaven	LGOV
Inter-war weatherboard cottage and trees	2 Moss Street	Nowra	Shoalhaven	LGOV
Inter-war weatherboard shop	114 -118 Queen Street	Berry	Shoalhaven	LGOV
Inter-war weekend cabin	57 Cyrus Street	Hyams Beach	Shoalhaven	LGOV
Inter-war weekend cabin	59 Cyrus Street	Hyams Beach	Shoalhaven	LGOV
Iolanthe - dairy farm complex	100 Jennings Lane	Bolong	Shoalhaven	LGOV
James Wilson Memorial Fountain	Prince Alfred Street	Berry	Shoalhaven	LGOV
Jerringa Aboriginal Community Complex	Park Row	Orient Point	Shoalhaven	LGOV
Jerringa Tribal Burial Ground	Park Row	Orient Point	Shoalhaven	LGOV
Jervis Bay Hotel (former)	75 Owen Street	Huskisson	Shoalhaven	LGOV
Jessie Blacket - Sandstone Memorial Drinking Trough	41 Tasman Road	St Georges Basin	Shoalhaven	LGOV
Jindy Andy,(former Berry Estate Dairy)	739 Greenwell Point Road	Pyree	Shoalhaven	LGOV
Junction Street Heritage Conservation Streetscape	Junction Street	Nowra	Shoalhaven	LGOV
Kangaroo Valley General Cemetery	Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Kangaroo Valley Police Station and Official Residence	175 Main Road	Kangaroo Valley	Shoalhaven	SGOV
Kangaroo Valley Post Office	148 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV

Kangaroo Valley Public School - Building B00A	140 Moss Vale Road	Kangaroo Valley	Shoalhaven	SGOV
Kangaroo Valley Public School - Building B00D	140 Moss Vale Road	Kangaroo Valley	Shoalhaven	SGOV
Kangaroo Valley School and former schoolmaster's residence	140 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Kangaroo Valley Soldiers Memorial	Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Karinga - Inter-war Weatherboard Residence	85 Plunkett Street	Nowra	Shoalhaven	LGOV
Kemp's Boatshed (demolished)	River Road	Sussex Inlet	Shoalhaven	LGOV
Kendall Dale - dairy farm complex including homestead and garden	E379A Princes Highway	Yatte Yattah	Shoalhaven	LGOV
Kiah - Federation Weatherboard Cottage	25 Prince Alfred Street	Berry	Shoalhaven	LGOV
Kilsyth - Federation weatherboard residence	33 Bridge Road	Nowra	Shoalhaven	LGOV
King House - two storey Victorian Georgian style residence	48 Wason Street	Milton	Shoalhaven	LGOV
Kioloa - Federation weatherboard residence (former post office)	496 Murramarang Road	Kioloa	Shoalhaven	LGOV
Kioloa Sawmill and Wharf (former)	Off Murramarang Road	Kioloa	Shoalhaven	LGOV
Kirmington	Princes Highway (west of)	Milton	Shoalhaven	GAZ
Kirmington - dairy farm complex and Henry Kendall monolith	E379B Princes Highway	Yatte Yattah	Shoalhaven	LGOV
Lady Denman Ferry	11 Dent Street	Huskisson	Shoalhaven	LGOV
Lady Denman Heritage Complex	11 Dent Street	Huskisson	Shoalhaven	LGOV
Late Victorian Georgian Brick Residence	133 Princes Highway	Milton	Shoalhaven	LGOV
Late Victorian Weatherboard Cottage	31 Moss Street	Nowra	Shoalhaven	LGOV
Late Victorian Weatherboard Cottage	55 Bridge Road	Nowra	Shoalhaven	LGOV
Late Victorian Weatherboard Cottage	49 Bridge Road	Nowra	Shoalhaven	LGOV
Late Victorian Weatherboard Residence	29 Moss Street	Nowra	Shoalhaven	LGOV
Late Victorian Weatherboard Residence	21 Moss Street	Nowra	Shoalhaven	LGOV
Late Victorian Weatherboard Residence	73 Wason Street	Milton	Shoalhaven	LGOV
Late Victorian Weatherboard Residence	105 Osborne Street	Nowra	Shoalhaven	LGOV
Llanthony Lodge - two storey Victorian weatherboard residence	1 Kalinga Street	Cambewarra Village	Shoalhaven	LGOV
Loch Leven - dairy farm complex including outbuildings, trees and cisterns	300 Wilfords Lane	Milton	Shoalhaven	LGOV
Lone Grave of Robert Johnson	2 Beach Street	Huskisson	Shoalhaven	LGOV
Lone grave of Sarah Coulon	22 James Farmer Grove	Woollamia	Shoalhaven	LGOV
Lone Grave of Thomas Speechley	Forest Road	Comberton	Shoalhaven	LGOV
Longreach Farm - former dairy farm complex	501B Longreach Road	Longreach	Shoalhaven	LGOV
Lower Numbaa Barn (Berry Estate Slab Barn)	581 Comerong Island Road	Numbaa	Shoalhaven	LGOV
Lynburn - timber Federation residence and garden	13 Mattes Way	Bomaderry	Shoalhaven	LGOV
Lynstowe - Colonial style weatherboard cottage and former grist mill	11 Pulman Street	Berry	Shoalhaven	LGOV
Mafeking Boer War Memorial	60-62 Junction Street	Nowra	Shoalhaven	LGOV
Main Building	See David Berry Hospital Act No.53 1906	Waverton	Shoalhaven	SGOV
Mananga - Berry Estate Manager's Farm Complex	A40 Princes Highway	Berry	Shoalhaven	LGOV
Mark Foys Workers Holiday Cottage	37 Beecroft Way	Currarong	Shoalhaven	LGOV
Mark Radium Park	Victoria Street	Berry	Shoalhaven	LGOV
Mascot - Slab Timber Cottage	56 North Street	Ulladulla	Shoalhaven	LGOV
Mechanics Institute and School of Arts	25 Berry Street	Nowra	Shoalhaven	LGOV
Melaleuca decora (Paper Barks-2)	51A Victoria Street	Berry	Shoalhaven	LGOV
Melrose - Victorian Georgian Weatherboard Residence	77 Plunkett Street	Nowra	Shoalhaven	LGOV
Melrose Farmhouse (former dairy farm complex)	150 Princes Highway	Milton	Shoalhaven	LGOV
Meroo Meadow Union Church	8 Boxsells Lane	Meroo Meadow	Shoalhaven	LGOV
Meroogal - Victorian Timber Residence including Outbuildings and Garden	35 West Street	Nowra	Shoalhaven	LGOV
Mervalperden - Dairy Farm Complex (former)	664 Greenwell Point Road	Pyree	Shoalhaven	LGOV
Mid-twentieth century residence including pool and garden	60-62 Queen Street	Berry	Shoalhaven	LGOV
Mid-Victorian timber residence incl. detached kitchen, well and Red Cedar tree	93 Osborne Street	Nowra	Shoalhaven	LGOV

Well and Red Cedar tree				
Millards Cottage - two storey Victorian rendered Masonry Building	81 Princes Highway	Ulladulla	Shoalhaven	LGOV
Millbank Cottage - Outbuildings and trees	31 Millbank Road	Terara	Shoalhaven	LGOV
Milton Anglican Church Group including church, hall and chinese elm	109 Princes Highway	Milton	Shoalhaven	LGOV
Milton Church of England Cemetery	12 Croobyar Road	Milton	Shoalhaven	LGOV
Milton Congregational Cemetery	Woodstock Road	Milton	Shoalhaven	LGOV
Milton Courthouse	Princes Highway	Milton	Shoalhaven	SGOV
Milton Public School - Buildings B00A and B00Q	Thomas Street	Milton	Shoalhaven	SGOV
Milton Vict. Rendered Masonry Public School	11 Thomas Street	Milton	Shoalhaven	LGOV
Milton Vict. Rendered Stone Schoolmaster's Cottage	11 Thomas Street	Milton	Shoalhaven	LGOV
Mimosa Farm - Dairy Farm Complex	40 Little Forest Road	Little Forest	Shoalhaven	LGOV
Minto House	102 Princes Highway	Milton	Shoalhaven	SGOV
Monaghan's House - colonial Georgian brick cottage	Mayfield Road	Mayfield	Shoalhaven	LGOV
Monaghan's Vict. Memorial Cast Iron Fountain	West Street	Nowra	Shoalhaven	LGOV
Moongate to former Culburra Guesthouse Site	196 Penguins Head Road	Culburra Beach	Shoalhaven	LGOV
Moss - cottage (former Moss Central Hotel)	1 Ferry Lane	Nowra	Shoalhaven	LGOV
Mount Airlie - two storey Victorian Italianate estate residence and trees	34A Woodstock Road	Woodstock	Shoalhaven	LGOV
Mudges Corner - Federation Weatherboard Residence	79 Wason Street	Milton	Shoalhaven	LGOV
Murramarang - Former Colonial Estate House	226 Murramarang Road	Bawley Point	Shoalhaven	LGOV
Murray Family Cemetery	40 Murrays Road	Conjola	Shoalhaven	LGOV
Myambah - Federation weatherboard bungalow and garden	134 Plunkett Street	Nowra	Shoalhaven	LGOV
Myrumbene - Victorian Italianate residence and garden	22 Jervis Street	Nowra	Shoalhaven	LGOV
Narrawilly - dairy farm complex including garden, rainforest and convict road	E120A Princes Highway	Milton	Shoalhaven	LGOV
Nowra Bridge over the Shoalhaven River	Princes Highway	Nowra	Shoalhaven	SGOV
Nowra CBD Fringe West Heritage Conservation Area		Nowra	Shoalhaven	LGOV
Nowra Courthouse	Plunkett Street	Nowra	Shoalhaven	SGOV
Nowra Courthouse	Kinghorne Street	Nowra	Shoalhaven	LGOV
Nowra General Cemetery	Kalander Street	Nowra	Shoalhaven	LGOV
Nowra Park - early Victorian masonry residence and garden	124 Wallace Street	Nowra	Shoalhaven	LGOV
Nowra Post Office (former)	72 Junction Street	Nowra	Shoalhaven	LGOV
Nowra Public School	74 Plunkett Street	Nowra	Shoalhaven	SGOV
Nowra Public School - Building B00A and Grounds	74 Plunkett Street	Nowra	Shoalhaven	SGOV
Nowra Public School - Building B00H	74 Plunkett Street	Nowra	Shoalhaven	SGOV
Nowra Showground & Sportsground Complex	West Street	Nowra	Shoalhaven	LGOV
Nowra Showground Federation Brick Pavilion	27 West Street	Nowra	Shoalhaven	LGOV
Nowra Uniting Church (former Methodist Church)	54 Osborne Street	Nowra	Shoalhaven	LGOV
Numbaa Catholic Presbytery (former)	601 Comerong Island Road	Numbaa	Shoalhaven	LGOV
Numbaa Cemetery (Former)	Comerong Island Road	Numbaa	Shoalhaven	LGOV
Numbaa Council Chambers (former) and Well	Comerong Island Road	Numbaa	Shoalhaven	LGOV
Numbaa School (former)	770 Comerong Island Road	Numbaa	Shoalhaven	LGOV
Numbaa Schoolmaster's Residence (former)	766 Comerong Island Road	Numbaa	Shoalhaven	LGOV
Oakleigh - (former gatehouse to Barrengarry House)	89 Upper Kangaroo River Road	Barrengarry	Shoalhaven	LGOV
Old Croobyar farm and tree-lined access (former dairy farm complex)	46 Ringland Lane, Croobyar Creek	Croobyar	Shoalhaven	LGOV
Old Nowra Road Bridge - across Shoalhaven River	Princes Highway	Nowra	Shoalhaven	GAZ
Old Ulladulla Cemetery (former)	Princes Highway	Ulladulla	Shoalhaven	LGOV
P. Walsh & Sons - two storey Victorian commercial building	90 Junction Street	Nowra	Shoalhaven	LGOV
Pacific House (former), including sandstone monument and tree	58-60 Cyrus Street	Hyams Beach	Shoalhaven	LGOV
Pair of Victorian style Commercial Buildings & Tree	97 Princes Highway	Milton	Shoalhaven	LGOV
Panvil - Former Federation weatherboard shop	21 Prince Alfred Street	Berry	Shoalhaven	LGOV

Parma Farm	269 and 383E Parma Road	Parma	Shoalhaven	LGOV
Pebbly Beach Sawmill Complex, including Sawmill remnants, Town and school site	Pebbly Beach Road	Pebbly Beach	Shoalhaven	LGOV
Penguin Head Geological Site	Penguins Head Road	Culburra Beach	Shoalhaven	LGOV
Pigeon House Mountain Lookout including fire trail and longfella pass	Yadboro Road	Yadboro	Shoalhaven	LGOV
Pine Cottage - Victorian Weatherboard Cottage	61 Plunkett Street	Nowra	Shoalhaven	LGOV
Pine View - Federation farmhouse complex and trees	65 Wilfords Lane	Milton	Shoalhaven	LGOV
Pinkawillinie - (former Wattamolla School House)	539 Wattamolla Road	Wattamolla	Shoalhaven	LGOV
Pioneer Farm - historic village including slab cottage	2029 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Plantation Point Rock Platform	Plantation Point Parade	Vincentia	Shoalhaven	LGOV
Plunkett Street Conservation Area	Plunkett Street	Nowra	Shoalhaven	GAZ
Plunkett Street Heritage Conservation Area	Plunkett Street	Nowra	Shoalhaven	LGOV
Point Perpendicular Lighthouse Group	Lighthouse Road	Beecroft Peninsula	Shoalhaven	LGOV
Police sergeant's residence and grounds	84 Plunkett Street	Nowra	Shoalhaven	LGOV
Pomona - Dairy Farm Complex	C360 Princes Highway	Meroo Meadow	Shoalhaven	LGOV
Populus nigra italica (Lombardy Poplars-23)	Tannery Road	Berry	Shoalhaven	LGOV
Populus nigra italica (Lombardy Poplars-9)	Woodhill Mountain Road	Berry	Shoalhaven	LGOV
Post-war fibre cement Community Hall / Sussex Inlet Picture Theatre	173 Jacobs Drive	Sussex Inlet	Shoalhaven	LGOV
Post-war Pseudo Stone Burrill Lake Community Hall	Princes Highway	Burrill Lake	Shoalhaven	LGOV
Prairievale - (former Berry Estate Manager's Residence)	835 Comerong Island Road	Numbaa	Shoalhaven	LGOV
Pressed metal clad industrial building (former Barnes Garage)	1 Berry Street	Nowra	Shoalhaven	LGOV
Priaux Villa - late Victorian weatherboard residence	69 Wason Street	Milton	Shoalhaven	LGOV
Public School		Kangaroo Valley	Shoalhaven	GAZ
Pulman Street Heritage Conservation Area	Pulman Street	Berry	Shoalhaven	LGOV
Pulman's Weatherboard Farmhouse	30 Pulman Street	Berry	Shoalhaven	LGOV
Pyree Literary Institute	880 Greenwell Point Road (corner of Pyree Lane)	Pyree	Shoalhaven	LGOV
Pyree Public Schoolmaster's Residence (former)	890 Greenwell Point Road	Pyree	Shoalhaven	LGOV
Quercus robur (English Oak trees-2) on driveway entrance	E379A Princes Highway	Yatte Yattah	Shoalhaven	LGOV
Quercus virginiana (American Live Oak Tree)	Princess Street	Berry	Shoalhaven	LGOV
Railwaymen's Barracks	16 Meroo Street	Bomaderry	Shoalhaven	LGOV
Red Head Timber Mill and Wharf Archaeological Site	1 Waratah Street	Bendalong	Shoalhaven	LGOV
Relocated Bawley Point Mill Worker's Cottage	10 Johnston Street	Bawley Point	Shoalhaven	LGOV
Relocated Colonial weatherboard school (former Broughton Creek School)	79 Victoria Street	Berry	Shoalhaven	LGOV
Relocated Federation weatherboard cottage	65 Queen Street	Berry	Shoalhaven	LGOV
Relocated Victorian Georgian Timber Slab Worker's Cottage	275 Green Street	Ulladulla	Shoalhaven	LGOV
Relocated Victorian rendered masonry lighthouse keeper's cottage	122 Princes Highway	Milton	Shoalhaven	LGOV
Relocated Victorian weatherboard school (former Beaumont School)	138 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Relocated Weatherboard Church (former Berry Estate Library)	126 Scott Street	Shoalhaven Heads	Shoalhaven	LGOV
Relocated Weatherboard Schoolhouse (former Hillcrest School)	Upper Kangaroo River Road	Upper Kangaroo River	Shoalhaven	LGOV
Remnant old growth Eucalypts	George Street	Berry	Shoalhaven	LGOV
Remnant rainforest	Church Street	Milton	Shoalhaven	LGOV
Rendered masonry commercial store including residence and trees	61 Princes Highway	Milton	Shoalhaven	LGOV
Rhodeside - Two storey Federation residence and garden	89 Queen Street	Berry	Shoalhaven	LGOV
Riverview - Victorian Georgian Style Farm Complex	299 Wilfords Lane	Milton	Shoalhaven	LGOV
Rixons - (former coal mine)	Clyde River	Endrick	Shoalhaven	LGOV
Rodway's Cottage - Inter-war Federation Style Residence and Garden	86 Bridge Road	Nowra	Shoalhaven	LGOV
Roman Catholic Church and Cemetery (former)	Princes Highway	Yatte Yattah	Shoalhaven	LGOV
Rose Cottage (former Pooley's Store)	157 South Street	Terara	Shoalhaven	LGOV
Rosebank - Federation weatherboard cottage and garden	21 Albany Street	Berry	Shoalhaven	LGOV

Rosebank - Federation weatherboard cottage and garden	21 Albany Street	Berry	Shoalhaven	LGOV
Rosebank - Victorian Georgian Style Cottage	62 Millbank Road	Terara	Shoalhaven	LGOV
Rosedale - Victorian farmhouse and outbuildings	2240 Moss Vale Road	Barrengarry	Shoalhaven	LGOV
Roseville - Federation weatherboard residence and fig tree	49-51 Journal Street	Nowra	Shoalhaven	LGOV
Roslyn Court - inter-war Art Deco style rendered shops and offices	21 Kinghorne Street	Nowra	Shoalhaven	LGOV
Rubble sandstone memorial (wreck of the Walter Hood)	Bendalong Road, Monument Beach	Mondayong	Shoalhaven	LGOV
Rubblestone school (former Worrigeer schoolhouse)	20 Booligal Road	Worrigeer	Shoalhaven	LGOV
Salt Pans	169 Smiths Lane	Numbaa	Shoalhaven	LGOV
Sandridge General Cemetery	45 Ocean Street	Mollymook	Shoalhaven	LGOV
Sandstone landscape monument (Batt's Folly)	Intersection of Bridge Road and North Street	Nowra	Shoalhaven	LGOV
Sandstone War Memorial	Alexandra Street	Berry	Shoalhaven	LGOV
Sandstone Weir - Millards Creek	St Vincent Street	Ulladulla	Shoalhaven	LGOV
Scanzi - Colonial Timber Farmhouse and Outbuildings	770 Mt Scanzi Road	Kangaroo Valley	Shoalhaven	LGOV
SHOALHAVEN DISTRICT MEMORIAL HOSPITAL	Shoalhaven Street	Nowra	Shoalhaven	SGOV
Shoalhaven River Bridge - Victorian wrought iron bridge	Princes Highway	Nowra	Shoalhaven	LGOV
Single storey Federation period gabled school house	75 Greenwell Point Road	Greenwell Point	Shoalhaven	LGOV
Sir John Hay Memorial Fountain	Alexandra Street	Berry	Shoalhaven	LGOV
Solway House - late Victorian Brick Residence and Store	10 West Berry Street	Terara	Shoalhaven	LGOV
Somerset House - Federation weatherboard farmhouse and trees	117 Pyree Lane	Pyree	Shoalhaven	LGOV
South Huskisson Wharf Sandstone Remnants	Elizabeth Drive	Vincentia	Shoalhaven	LGOV
Springfield - ornate late Victorian weatherboard farmhouse	41 Kanuka Drive	Ulladulla	Shoalhaven	LGOV
St Andrew's Presbyterian Church	5 Kinghorne Street	Nowra	Shoalhaven	LGOV
St Andrew's Presbyterian Church and Federation Rendered Brick Hall	5 Kinghorne Street	Nowra	Shoalhaven	LGOV
St Joseph's Catholic brick church and hermitage	130 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
St Luke's Anglican Church including memorial gates and trees	68A Princess Street	Berry	Shoalhaven	LGOV
St Lukes Anglican Church trees - Araucaria heterophylla (Norfolk Island Pine)	68A Princess Street	Berry	Shoalhaven	LGOV
St Michael's Catholic Church including Presbytery and grounds	20 North Street	Nowra	Shoalhaven	LGOV
St Michael's Roman Catholic Two Storey Victorian Presbytery	20 North Street	Nowra	Shoalhaven	LGOV
St. Michael's Catholic Church	20 North Street	Nowra	Shoalhaven	LGOV
St. Michael's Roman Catholic Cemetery	20 North Street	Nowra	Shoalhaven	LGOV
Sunny Vale - Dairy Farm Complex	439 Croobyar Road	Croobyar	Shoalhaven	LGOV
Syncarpia glomulifera (Turpentine Tree)	10 King Street	Berry	Shoalhaven	LGOV
Tapalla Point geological rock platform	Beach Street	Huskisson	Shoalhaven	LGOV
Tapalla Point Rock Platforms		Huskisson	Shoalhaven	GAZ
Tapitallee Creek Weir	Tapitallee Creek	Nowra	Shoalhaven	SGOV
Terara Heritage Conservation Area	South Street, Fox Street, Forsyth Street, Southern Road, Bryant Street, West Berry Street	Terara	Shoalhaven	LGOV
Terara House including Chapel, Grounds and Tree-lined drive	77 Millbank Road	Terara	Shoalhaven	LGOV
Terara Lodge (former Wesleyan Parsonage)	6 Holme Street	Terara	Shoalhaven	LGOV
Terara Primary School & attached Residence	20 Millbank Road	Terara	Shoalhaven	LGOV
Terara Public School - Buildings B00A, B00C and B00E; Grounds and Significant Trees	20 Millbank Road	Terara	Shoalhaven	SGOV
Terara School Grounds and Trees	20 Millbank Road	Terara	Shoalhaven	LGOV
The Avenue - Casuarina Trees	Greenwell Point Road	Pyree	Shoalhaven	LGOV
The Bridge Hotel - Two Storey Victorian Masonry Hotel	87 Bridge Road	Nowra	Shoalhaven	LGOV
The Grange - Former Boarding House and St Georges Basin Post Office	23 Deane Street	St Georges Basin	Shoalhaven	LGOV
The Green Cabins (inter-war holiday cabins)	53 Cyrus Street	Hyams Beach	Shoalhaven	LGOV
The Marlin - early Post-war American Colonial Hotel	108-112 Princes Highway	Ulladulla	Shoalhaven	LGOV
The Old House - Weatherboard Residence and Well	3-7 Fox Street	Terara	Shoalhaven	LGOV
The Peoples Emporium - two storey Victorian shop and	26 Berry Street	Nowra	Shoalhaven	LGOV

residence				
The Pines - late Victorian weatherboard residence and trees	76 East Street	Nowra	Shoalhaven	LGOV
The Settlement including Frederick Halls, H C Blackburn and Sons and trees	93-97 Princes Highway	Milton	Shoalhaven	LGOV
The Sheaffe Family Cemetery	Pointer Road	Yatte Yattah	Shoalhaven	LGOV
The Springs - Holiday Cabins	1A Yarroma Avenue	Swanhaven	Shoalhaven	LGOV
The Star Hotel - two storey rendered masonry building	82 Princes Highway	Milton	Shoalhaven	LGOV
The White House - two storey timber inter-war guesthouse	30 Junction Street	Nowra	Shoalhaven	LGOV
Thistlebank - Dairy Farm Complex	85 Ryans Lane	Pyree	Shoalhaven	LGOV
Tilba Tilba - Victorian Georgian style schoolhouse (former Burrill Lake School)	270 Wilfords Lane	Milton	Shoalhaven	LGOV
Timber cottage group	1295 Brooman Road	Brooman	Shoalhaven	LGOV
Timber Vertical Slab Worker's Cottage	119 Terara Road	Terara	Shoalhaven	LGOV
Times Past - (former Federation weatherboard farmhouse)	51 Princes Highway	Milton	Shoalhaven	LGOV
Tim's Gully Mine	Touga Road	Touga	Shoalhaven	LGOV
Toilet Former Victorian Masonry Entrance Gate	West Street	Nowra	Shoalhaven	LGOV
Tolwong Copper Mine (remnants)	Touga Road	Tolwong	Shoalhaven	LGOV
Tomerong Carpenter style Union Church and Hall	363 Hawken Road	Tomerong	Shoalhaven	LGOV
Tomerong Cemetery	331 Hawken Road	Tomerong	Shoalhaven	LGOV
Tomerong Public School - Building B00A	359 Hawken Road	Tomerong	Shoalhaven	SGOV
Toona australis (Australian Red Cedar)	11 Station Road	Berry	Shoalhaven	LGOV
Town Hall		Milton	Shoalhaven	GAZ
Treharne Holiday Resort Cabin	37 Carroll Avenue	Lake Conjola	Shoalhaven	LGOV
Trelawney - Victorian Georgian weatherboard residence	69 Jervis Street	Nowra	Shoalhaven	LGOV
Two Storey Federation Timber Convent	22 Junction Street (Corner of Shoalhaven Street)	Nowra	Shoalhaven	LGOV
Two storey Mid-Victorian Weatherboard Residence	95 Osborne Street	Nowra	Shoalhaven	LGOV
Two Storey Rendered Masonry Post Office	66 Princes Highway	Milton	Shoalhaven	LGOV
Two Storey Victorian Bakery and Residence	92 Princes Highway	Milton	Shoalhaven	LGOV
Two storey Victorian commercial building	76 Junction Street	Nowra	Shoalhaven	LGOV
Two storey Victorian former manse and graveyard	1 Thomas Street	Milton	Shoalhaven	LGOV
Two Storey Victorian Gothic style Presbyterian Manse	3 Kinghorne Street	Nowra	Shoalhaven	LGOV
Two Storey Victorian Hotel & Detached Kitchen	120 Queen Street	Berry	Shoalhaven	LGOV
Two storey victorian hotel and detached kitchen including Lilly Pillies	120 Queen Street	Berry	Shoalhaven	LGOV
Two Storey Victorian Italianate style Shop	105 Queen Street	Berry	Shoalhaven	LGOV
Two Storey Victorian Masonry Terrace House	1 Moss Street	Nowra	Shoalhaven	LGOV
Two Storey Victorian Rendered Brick Shop	101 Queen Street	Berry	Shoalhaven	LGOV
Two Storey Victorian Rendered Masonry Store	197 Princes Highway	Milton	Shoalhaven	LGOV
Two storey Victorian shop and residence (former Armstrong's Saddlery)	83 North Street	Nowra	Shoalhaven	LGOV
Two Storey Victorian Weatherboard Cottage	97 Princes Highway (inside Settlement Courtyard)	Milton	Shoalhaven	LGOV
Ulladulla Harbour including Old pier and stone pier, Steps and Walls	Wason Street	Ulladulla	Shoalhaven	LGOV
Ulladulla Public School - Building B00A	241 Green Street	Ulladulla	Shoalhaven	SGOV
Ulladulla Seawater Pool	50 Wason Street	Ulladulla	Shoalhaven	LGOV
Ulmus parvifolia (Chinese Elm)	109 Princes Highway	Milton	Shoalhaven	LGOV
Upper Kangaroo River Community Hall	1009 Upper Kangaroo River Road	Upper Kangaroo River	Shoalhaven	LGOV
Upper Numbaa Barn (former Berry Estate Grain Mill)	719 Greenwell Point Road	Pyree	Shoalhaven	LGOV
Uuna - late Victorian weatherboard cottage and garden	35 Bridge Road	Nowra	Shoalhaven	LGOV
Vertical Timber-lined Drydock	Orsova Parade	Orient Point	Shoalhaven	LGOV
Vict. Gothic Revival Rubblestone Uniting Church	38 Croobyar Road	Milton	Shoalhaven	LGOV
Victorian Anglican Church & Memorial Gates	68A Princess Street	Berry	Shoalhaven	LGOV
Victorian Brick Anglican Rectory (Former)	66 Plunkett Street	Nowra	Shoalhaven	LGOV
Victorian Brick Residence	45 Bridge Road	Nowra	Shoalhaven	LGOV

Victorian Brick Residence (former Ulladulla Post Office)	23 Wason Street	Ulladulla	Shoalhaven	LGOV
Victorian carpenter gothic style hall	77 Albert Street	Berry	Shoalhaven	LGOV
Victorian Classical Academic style court house including Cinnamomum camphora	58 Victoria Street	Berry	Shoalhaven	LGOV
Victorian Classical style Rendered Masonry Town Hall	71 Princes Highway	Milton	Shoalhaven	LGOV
Victorian Commercial Bank Stables (former)	56 Kinghorne Street	Nowra	Shoalhaven	LGOV
Victorian Free Classical style Post Office	137 Queen Street	Berry	Shoalhaven	LGOV
Victorian Georgian Brick Fmr Congregational Manse	38 Croobyar Road	Milton	Shoalhaven	LGOV
Victorian Georgian Rendered Masonry Residence	97 Osborne Street	Nowra	Shoalhaven	LGOV
Victorian Georgian Rendered Masonry Residence	91 Osborne Street	Nowra	Shoalhaven	LGOV
Victorian Georgian Schoolhouse (former Pyree Public School) and Coral trees	888 Greenwell Point Road	Pyree	Shoalhaven	LGOV
Victorian Georgian style bank (former ANZ Bank)	158 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Victorian Georgian style Cottage & Garden	53 Prince Alfred Street	Berry	Shoalhaven	LGOV
Victorian Georgian style Farmhouse	1220 Bolong Road	Coolangatta	Shoalhaven	LGOV
Victorian Georgian style Farmhouse	218 Bundewallah Road	Bundewallah	Shoalhaven	LGOV
Victorian Georgian style farmhouse and trees	1165 Bolong Road	Coolangatta	Shoalhaven	LGOV
Victorian Georgian style Police Residence and Lockup	56 Victoria Street	Berry	Shoalhaven	LGOV
Victorian Georgian Style Railway Gatekeeper's Cottage	66 Prince Alfred Street	Berry	Shoalhaven	LGOV
Victorian Georgian Style Residence and Bakehouse	67 Princes Highway	Milton	Shoalhaven	LGOV
Victorian Georgian style Sandstone School and Schoolmaster's Residence	241 Green Street	Ulladulla	Shoalhaven	LGOV
Victorian Georgian Style Stationmasters Cottage	34 Station Road	Berry	Shoalhaven	LGOV
Victorian Georgian Style Timber Residence	109 Osborne street	Nowra	Shoalhaven	LGOV
Victorian Georgian Style Timber Slab Cottage	19 Ferry Lane	Nowra	Shoalhaven	LGOV
Victorian Georgian Style Weatherboard Cottage	19 Albert Street	Berry	Shoalhaven	LGOV
Victorian Georgian Style Weatherboard Residence	78 Queen Street	Berry	Shoalhaven	LGOV
Victorian Georgian weatherboard cottage	40 Hawke Street	Huskisson	Shoalhaven	LGOV
Victorian Georgian Weatherboard Residence	57 Worrigeer Street	Nowra	Shoalhaven	LGOV
Victorian Georgian Worker's Cottage	47 Church Street	Milton	Shoalhaven	LGOV
Victorian Gothic Revival Style Church	109 Princes Highway	Milton	Shoalhaven	LGOV
Victorian Gothic style church and graveyard (former Methodist Church)	71 Croobyar Road	Milton	Shoalhaven	LGOV
Victorian Italianate style bank building (former CBC Bank)	107 Princes Highway	Milton	Shoalhaven	LGOV
Victorian rendered brick residence (former schoolmaster's residence)	82 Plunkett Street	Nowra	Shoalhaven	LGOV
Victorian Rendered Brick School and Grounds	74 Plunkett Street	Nowra	Shoalhaven	LGOV
Victorian rendered masonry school and schoolmasters cottage	Thomas Street	Milton	Shoalhaven	LGOV
Victorian School and Residence including Terara School grounds and trees	20 Millbank Road	Terara	Shoalhaven	LGOV
Victorian school and trees	1 Clarence Street	Berry	Shoalhaven	LGOV
Victorian Schoolmaster's Residence and Grounds	355-359 Hawken Road	Tomerong	Shoalhaven	LGOV
Victorian Weatherboard Corner Store	61 Wason Street	Milton	Shoalhaven	LGOV
Victorian Weatherboard Farmhouse	235A Back Forest Road	Back Forest	Shoalhaven	LGOV
Victorian Weatherboard Farmhouse and trees	545 Wattamolla Road	Wattamolla	Shoalhaven	LGOV
Victorian weatherboard hall (former Salvation Army hall)	141 Princes Highway	Milton	Shoalhaven	LGOV
Victorian weatherboard residence	8 Park Street	Huskisson	Shoalhaven	LGOV
Victorian Weatherboard Residence	192 Kinghorne Street	Nowra	Shoalhaven	LGOV
Victorian Weatherboard Residence	75 Plunkett Street	Nowra	Shoalhaven	LGOV
Victorian Weatherboard Residence	59 Worrigeer Street	Nowra	Shoalhaven	LGOV
Victorian Weatherboard Residence	63 Worrigeer Street	Nowra	Shoalhaven	LGOV
Victorian Weatherboard Residence	54 Worrigeer Street	Nowra	Shoalhaven	LGOV
Victorian Weatherboard Residence	56 Worrigeer Street	Nowra	Shoalhaven	LGOV
Victorian Weatherboard Residence	58 Worrigeer Street	Nowra	Shoalhaven	LGOV
Victorian Weatherboard Residence	37 Coomea Street	Romaderrv	Shoalhaven	LGOV

Victorian Weatherboard Residence	67 Coorned Street	Bomaderry	Shoalhaven	LGOV
Victorian Weatherboard Residence	6 Tarawara Street	Bomaderry	Shoalhaven	LGOV
Victorian Weatherboard Residence	8 Tarawara Street	Bomaderry	Shoalhaven	LGOV
Victorian weatherboard residence and garden	45 Church Street	Milton	Shoalhaven	LGOV
Victorian weatherboard residence and shop	94 Princes Highway	Milton	Shoalhaven	LGOV
Victorian Weatherboard Shop and Residence	170 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Victorian weatherboard store (former iron store)	3 Moss Street	Nowra	Shoalhaven	LGOV
Victorian Weatherboard Worker's Cottage	70 Wason Street	Milton	Shoalhaven	LGOV
Wandandian Creek Bridge	Princes Highway	31.5 km south of Nowra	Shoalhaven	SGOV
Wandandian Post Office (former) and Residence	D2625 Princes Highway	Wandandian	Shoalhaven	LGOV
War Memorial Tree (Lophostemon confertus)	Corner of Jindy Andy Lane and Comerong Island Road	Numbaa	Shoalhaven	LGOV
War Memorial Tree triangle (Lophostemon confertus)	Pyree Lane	Pyree	Shoalhaven	LGOV
Warden Family Cemetery	Croobyar Road	Croobyar	Shoalhaven	LGOV
Warden Head Geological Site	Rennies Beach Close	Ulladulla	Shoalhaven	LGOV
Warden Head Lighthouse	Deering Street	Ulladulla	Shoalhaven	LGOV
Weatherboard and fibro boat builder's cottage	13 Field Street	Huskisson	Shoalhaven	LGOV
Weatherboard and fibro holiday cottage	759 Woollamia Road	Woollamia	Shoalhaven	LGOV
Weatherboard Bakery (former)	174-176 Moss Vale Road	Kangaroo Valley	Shoalhaven	LGOV
Weatherboard Corner Shop	71 Plunkett Street Nowra	Nowra	Shoalhaven	LGOV
Weatherboard Cottage (formerly Mrs Pallett's Residence)	77 Meroo Street	Bomaderry	Shoalhaven	LGOV
Weatherboard gothic carpenter style Union Church	80 Main Road	Cambewarra Village	Shoalhaven	LGOV
Weatherboard holiday cottage and outbuildings	13 Catherine Street	Myola	Shoalhaven	LGOV
Weir Family Graves	Bangalee Scout Camp Road	Bangalee	Shoalhaven	LGOV
Wernick Cottage - Georgian style weatherboard cottage	102 Plunkett Street	Nowra	Shoalhaven	LGOV
Wesley Centre (former Wesleyan Parsonage)	54 Osborne Street	Nowra	Shoalhaven	LGOV
Whitaker's Island View Resort Cabins (former)	2 Aney Street	Lake Conjola	Shoalhaven	LGOV
Wilson's - Former Colonial style Weatherboard Store	1 Pulman Street	Berry	Shoalhaven	LGOV
Windsor Drive Park (Eucalypts trees)	Windsor Drive	Berry	Shoalhaven	LGOV
Wogamia - two storey colonial sandstone homestead and outbuildings	170 Wogamia Road	Longreach	Shoalhaven	LGOV
Woodhill Cemetery	Wattamolla Road	Woodhill	Shoalhaven	LGOV
Woodlands - Dairy Farm Complex	98 Little Forest Road	LittleForest	Shoalhaven	LGOV
Woodlands - weatherboard and iron farmhouse	24 Evans Lane	Woodstock	Shoalhaven	LGOV
Woodlawn - Federation Weatherboard Farmhouse	133 Woodstock Road	Woodstock	Shoalhaven	LGOV
Woodlawn - Victorian Weatherboard Cottage and trees	124 Terara Road	Terara	Shoalhaven	LGOV
Woodside Park - dairy farm complex and gatehouse	94A Tannery Road	Berry	Shoalhaven	LGOV
Woppindally - Dairy Farm Complex	E280 Princes Highway	Yatte Yattah	Shoalhaven	LGOV
World War II Flying Boat Base	2 Island Point Road	St Georges Basin	Shoalhaven	LGOV
Worrigee Cemetery	Greenwell Point Road	Worrigee	Shoalhaven	LGOV
Wreck of the Merimbula	Beecroft Parade	Beecroft Peninsula	Shoalhaven	LGOV
Wynella - Victorian weatherboard residence	6 Gordon Street	Milton	Shoalhaven	LGOV
Yarrowooma - Dairy Farm Complex including Red Cedar Slab Selector's Cottage	679 Upper Kangaroo River Road	Upper Kangaroo River	Shoalhaven	LGOV
Yatte Yattah Nature Reserve and 2 Waterfalls	67B Skye Farm Lane and Princes Highway	Yatte Yattah	Shoalhaven	LGOV

There was a total of 682 records matching your search criteria.

Key:

LGA = Local Government Area

GAZ= NSW Government Gazette (statutory listings prior to 1997), HGA = Heritage Grant Application, HS = Heritage Study, LGOV = Local Government, SGOV = State Government Agency.

Note: While Heritage NSW seeks to keep the Inventory up to date, it is reliant on State agencies and local councils to provide their data. Always check with the relevant State agency or local council for the most up-to-date information.

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Search results

Your search for: LGA: SHOALHAVEN CITY COUNCIL

Matched 12 notices relating to 3 sites.

[Search Again](#)

[Refine Search](#)

Suburb	Address	Site Name	Notices related to this site
BOMADERRY	320 Princes HIGHWAY	Commercial Land	2 current
NOWRA	Lamonds LANE	Former gasworks	1 current and 3 former
NOWRA EAST	Lot 3 Kalandar STREET	Mobil Service Station	6 former

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22 February 2021

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For local government

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Document Status

Revision	Author	Reviewer		Approved for Issue		
		Name	Signature	Name	Signature	Date
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