



Review of Environmental Factors

BLACKFELLOWS LAKE BOAT RAMP UPGRADE



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ACRONYMS AND ABBREVIATIONS

ACHA	Aboriginal Cultural Heritage Assessment
AHIMS	Aboriginal heritage information management system
AHIP	Aboriginal Heritage Impact Permit
ARI	Average Recurrence Interval
ASS	Acid Sulfate Soils
BAM	Biodiversity Assessment Methodology
BC Act	<i>Biodiversity Conservation Act 2016 (NSW)</i>
Biosecurity Act	<i>Biosecurity Act 2015 (NSW)</i>
BOS	Biodiversity Offset Strategy
BTEX	Benzene, toluene ethylbenzene xylene
BVSC	Bega Valley Shire Council
Cwth	Commonwealth
DECC	Department of Environment and Climate Change (refer to OEH)
DECCW	Refer to OEH
EIS	Environmental Impact Statement
EPA	Environment Protection Authority
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999 (Cwth)</i>
EP&A Act	<i>Environmental Planning and Assessment Act 1979 (NSW)</i>
ESD	Ecologically Sustainable Development
FM Act	<i>Fisheries Management Act 1994 (NSW)</i>
Heritage Act	<i>Heritage Act 1977 (NSW)</i>
ISEPP	<i>State Environmental Planning Policy (Infrastructure) 2007 (NSW)</i>
KFH	Key Fish Habitat
km	kilometres
KTP	Key Threatened Processes
LEP	Local Environment Plan
LGA	Local Government Area
m	Metres
MNES	Matters of National environmental significance under the EPBC Act (<i>c.f.</i>)
NPW Act	<i>National Parks and Wildlife Act 1974 (NSW)</i>
NSW	New South Wales
OEH	(NSW) Office of Environment and Heritage, formerly Department of Environment, Climate Change and Water

PAHs	Polycyclic aromatic hydrocarbons
POEO Act	<i>Protection of the Environment Operations Act 1997</i>
REF	Review of Environmental Factors
RMS	Roads and Maritime Services
SEPP	State Environmental Planning Policy (NSW)
SHI	NSW State Heritage Inventory
sp/spp	Species/multiple species
TEC	Threatened ecological community
TOC	Organic compounds (total)
WARR Act	<i>Waste Avoidance and Resource Recovery Act 2001</i>
WM Act	<i>Water Management Act 2000</i>

1 INTRODUCTION

This Review of Environmental Factors (REF) has been prepared for the Bega Valley Shire Council (BVSC) to assess the potential impacts of undertaking upgrade works at Blackfellows Lake Boat Ramp, Kalaru.

Bega Valley Shire Council is both the proponent and determining authority for the works proposed. As such, the proposal would be assessed under Part 5 of the *Environmental Planning and Assessment Act 1979*. This REF has been prepared according to the requirements of Section 5.5 of the *Environmental Planning and Assessment Act 1979*, specifying a “duty to consider environmental impact”. This REF provides a full analysis of all environmental, economic, physical and social implications of the proposal.

2 THE PROPOSAL

2.1 PURPOSE AND GENERAL SCOPE OF WORKS PROPOSED

Blackfellows Lake Boat Ramp is a bitumen sealed ramp that becomes gravel within the lake. The boat ramp has become degraded with portions of bitumen now eroded. The boat ramp also includes an unsealed informal parking area and limited turning area. The access road to the ramp is unsealed with no formal drainage. Erosion is evident at the boat ramp, parking area and access track. This would be resulting in sediments entering Blackfellows Lake during rainfall events. The existing infrastructure can be seen in Figure 2-1.



Figure 2-1 Existing boat ramp and access track at Blackfellows Lake.

The proposed upgrade is required to improve erosion and dust emission issues at the site, improve the visual amenity of the area and usability of the boat ramp. The proposed works would also improve the safety of infrastructure and access to the waterway.

The proposal involves the following general activities:

1. Sealing of the access road to the site.
2. Widening of a section of the access road to provide parking, adjacent to the boat ramp.
3. Replacement of the existing gravel boat ramp.
4. Installation of lighting at the site.
5. Installation of a finger pontoon jetty.

2.2 LOCATION OF THE ACTIVITIES

Figure 2-2 shows the location of the proposed works at Blackfellows Lake, Kalaru. The proposed works would be located:

- At the existing boat ramp, Lot 7313 DP 1164453.
- Along the access road to the boat ramp, Lot 5 DP 263996
- Within the Blackfellows Lake Road reserve.



Figure 2-2 Proposal location Blackfellows Lake boat ramp.

2.3 DESCRIPTION OF THE ACTIVITY

The proposal at Blackfellows Lake consists of the following features:

- Sealing of the existing access road to the boat ramp, approximately 600m of road.
- Widening up to 300m of the road adjacent to the boat ramp to provide parking.
- Construction of a vehicle turnaround area adjacent to the extent of the widened parking area.
- Replacement of the existing boat ramp with a new prefabricated reinforced concrete single boat ramp, with maximum dimensions of 4.5m by 24m.
- Installation of lighting.

- Installation of a 30m finger pontoon jetty parallel to the upgraded boat ramp, including up to three driven piles to secure the pontoons.

Construction methods

The proposal construction program would involve:

- Installation of temporary fencing around works area to prevent unauthorised access. The boat ramp and adjacent carpark would be closed during works.
- Installation of environmental controls, including booms to contain debris within the water way and sediment and erosion controls.
- Limited removal and lopping of vegetation from the roadside.
- Preparation of the shore side footing for the new boat ramp with excavators and compactors.
- Installation of the prefabricated reinforced concrete slabs using a mobile crane, attaching the slabs to the substrate using down-turn beams and poured in-situ concrete on the upper end.
- Improving the grade of the informal turnaround area adjacent to the existing boat ramp using an excavator, with any unsuitable/excess spoil disposed of offsite using tipper trucks, and compacting this area as required.
- Widening up to 300m of the access road, removing any vegetation as required using chain saws, excavators and graders as required.
- Construction of a new vehicle turnaround area, removing any vegetation as required using chainsaws, excavators and graders.
- Preparing the boat ramp access for sealing using compactors and graders as required.
- Installation of lighting including excavations for footings of light poles and use of mobile crane.
- Sealing the access road and turnaround locations using hot mix asphalt and/or bitumen seal.
- Mulching of pruned or felled vegetations and application to assist disturbed areas to become stable.
- Removal of environmental controls, once surfaces are stable.

Proposed construction equipment

The following plant and equipment would be used during construction:

- Excavator.
- Grader.
- Asphalt plant.
- Jackhammers.
- Piling machines.
- Mobile crane.
- Truck and dog/tipper truck.
- Concrete trucks.
- General hand tools.
- Chainsaws.
- Wood chipper.
- Compactor.

Infrastructure maintenance

Ongoing maintenance at the site would continue, largely as it does at present. It would include repair of the asphalt areas, general cleaning and repainting of line markings as required.

Timing

The proposed works would commence Q4 2019 and take approximately 2 months to complete. The construction of the proposal would not occur during school holidays.

The proposed works would be undertaken during standard construction hours:

- Monday to Friday: 7am to 6pm.
- Saturday: 8am to 5pm.
- Sunday and Public Holidays: No work.

2.4 REASONS FOR THE ACTIVITY AND CONSIDERATION OF ALTERNATIVES

Reasons for the activity

The key reasons for the works are to:

- Protect the land within the proposal area as well as Blackfellows Lake from environmental degradation through erosion protection works including improved drainage and implementation of sediment controls to minimise sediment run off into Blackfellows Lake.
- Improve the quality of the boat ramp infrastructure at this location. Funding is available from Roads and Maritime Services (RMS) through the NSW Boating Now program for this purpose. Works are required to be undertaken prior to the end of 2019.

This site has been identified on the basis of usage; traffic counters have identified the site is well utilised and would benefit local users as well as visitors. The upgrade has been identified as an opportunity to improve the quality of boating infrastructure in the area. The addition of a finger pontoon would help boaters launching single-handed and help boaters as they load and unload vessels. Sealing of the access road would improve the trafficability and safety of the road as well as reduce sediments and dust. The road widening would increase the parking availability at the site. The vehicle turnaround areas would make manoeuvring a vehicle with a trailer easier. In combination, these works are expected to improve the site for use as a boat launching facility for local users and continue to attract boating and fishing tourism within the area, while protecting the area from environmental degradation.

Consideration of alternatives

OPTION 1 – DO NOTHING

This option would not improve the quality of infrastructure at the site. It would not increase the paved parking area available at the site and would not provide a new concrete boat ramp or finger pontoon jetty. This option would minimise the potential impacts to marine vegetation and would have no impact to residents with regard to adverse impact of road works or longer term benefits of sealed roads.

OPTION 2 – UNDERTAKE PROPOSED UPGRADES

This option would improve the quality of boating infrastructure at the site. This option would provide sealed access to the Blackfellows Lake boat ramp, a new concrete boat ramp and finger pontoon jetty. This option would have the greatest construction impact and has the greatest potential to harm marine

vegetation. It would produce long term recreational benefits for site users as well as environmental impacts of reduced sediment and dust.

Selection of the preferred option

Option 2 is the preferred option as it meets the reasons for the activity. On balance, the preferred option achieves the best balance of environmental, social and cost factors, provided the safeguards identified in in Section 5 are implemented.

3 LEGAL AND POLICY REQUIREMENTS

3.1 LEGAL PERMISSIBILITY

Table 3-1 Legal requirements for the proposal.

Law, Policy or Regulation	Objective	Requirement for the proposal
Commonwealth		
<i>Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)</i>	<p>The Commonwealth EPBC Act's objective is to protect Matters of National Environmental Significance (MNES), including threatened and migratory species, communities and populations, and heritage places.</p> <p>This Act provides an assessment and approvals system for:</p> <ul style="list-style-type: none"> • Actions that have a significant impact on 'Matters of National Environmental Significance'; • Actions that (indirectly or directly) have a significant environmental impact on Commonwealth land; and • Actions carried out by the Commonwealth Government. 	<p>The potential for the proposed activity to impact on MNES has been assessed in Section 5.13 of this REF.</p> <p>The proposal is not likely to impact on any matter of Commonwealth significance and referral to the Commonwealth Environment Minister is not required.</p>
<i>Native Title Act 1993</i>	<p>The <i>Native Title Act 1993</i> (Cwth) provides a legislative framework for the recognition and protection of common law native title rights. Native title is the recognition by Australian law that Indigenous people had a system of law and ownership of their lands before European settlement. Where that traditional connection to land and waters has been maintained and where government acts have not removed it, the law recognises the persistence of native title.</p> <p>A search of the National Native Title Tribunal Registers on 24th October found one Native Title Claim and no active applications within the Bega Valley LGA. The Native Title Claim is by the South Coast People. The claim is yet to be determined.</p>	<p>A Due Diligence Assessment has been undertaken for the proposed works. Consultation as part of the assessment was not required.</p> <p>Aboriginal Heritage is addressed in Section 5.9.</p>

Law, Policy or Regulation	Objective	Requirement for the proposal
State Law		
<p>State Environmental Planning Policy (Infrastructure) 2007 (ISEPP)</p>	<p><i>State Environmental Planning Policy (Infrastructure) 2007</i> aims to facilitate the effective delivery of infrastructure across NSW.</p> <p>Clause 68 of the <i>State Environmental Planning Policy (Infrastructure) 2007</i> states:</p> <p>2) <i>Development for any of the following purposes may be carried out by or on behalf of a public authority without consent on any land:</i></p> <p style="margin-left: 40px;">(a) ...</p> <p style="margin-left: 40px;">(b) <i>Environmental management works associated with a port, wharf or boating facility.</i></p> <p>4) <i>Development for the purpose of wharf or boating facilities may be carried out by or on behalf of a public authority without consent on any land. However, such development may be carried out on land reserved under the National Parks and Wildlife Act 1974 only if the development is authorised by or under that Act.</i></p> <p>The proposed jetty works also meet the definition of boating facilities under the <i>Bega Valley Local Environment Plan 2013</i>:</p> <p>Wharf or boating facilities means a wharf or any of the following facilities associated with a wharf or boating that are not port facilities:</p> <p style="margin-left: 40px;">(a) <i>facilities for the embarkation or disembarkation of passengers onto or from any vessels, including public ferry wharves,</i></p> <p style="margin-left: 40px;">(b) <i>facilities for the loading or unloading of freight onto or from vessels and associated receival, land transport and storage facilities,</i></p> <p style="margin-left: 40px;">(c) <i>wharves for commercial fishing operations,</i></p> <p style="margin-left: 40px;">(d) <i>refuelling, launching, berthing, mooring, storage or maintenance facilities for any vessel,</i></p>	<p>The proposed works are not located on land reserved under the <i>National Parks and Wildlife Act 1974</i>.</p> <p>The following activities would be permitted without development consent under Clause 68 of the ISEPP:</p> <ul style="list-style-type: none"> • Installation of the proposed finger pontoon jetty. • Replacement of the existing gravel boat ramp.

Law, Policy or Regulation	Objective	Requirement for the proposal
	<p>(e) sea walls or training walls, (f) administration buildings, communication, security and power supply facilities, roads, rail lines, pipelines, fencing, lighting or car parks.</p> <p>Clause 94 (1) of the ISEPP states that <i>development for the purpose of a road or road infrastructure facilities may be carried out by or on behalf of a public authority without consent on any land.</i></p> <p>The proposed road works is development permitted without consent under ISEPP.</p>	
<p>Environmental Planning and Assessment Act 1979 (EP&A Act) & Environmental Planning and Assessment Regulation 2000 (EP&A Regulation)</p>	<p>The EP&A Act provides for a co-ordinated approach to development ensuring the proper management, development and conservation of natural and cultural resources and promoting social and economic welfare and a better environment.</p> <p>Section 5.5 of the EP&A Act requires a determining authority, when considering an activity, <i>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.</i>”</p> <p>Clause 228 of the EP&A Regulation lists 16 factors that must be taken into account concerning the impact of an activity on the environment.</p> <p>Alterations or additions</p> <p>Schedule 2 Part 3 of the EP&A Regulation, provides that for alterations and additions to existing development. Where it can be demonstrated that the project will not “significantly increase environmental impacts of the total development”, designated development (and subsequent assessment under Part 4 of the EP&A Act) is not triggered.</p> <p>Under Section 36, the consent authority should consider the following when forming its opinion as to whether or not development is designated development:</p> <ul style="list-style-type: none"> a) The impact of the existing development having regard to factors including: <ul style="list-style-type: none"> i. Previous environmental management performance, including compliance with the conditions of any consents, licences, leases or authorisations by a public 	<p>The works described in this proposal could be considered alterations and additions to existing developments (including those within coastal wetlands and their proximity areas) that would not significantly increase the environmental impacts of the total development. As such, the works are not considered to be designated development. Given the scale and nature of the works and that the new finger pontoon jetty would be ancillary to the existing boat ramp, this is considered justified.</p> <p>As such, the proposal requires environmental assessment under Part 5 of the EP&A Act.</p> <p>The preparation of the REF has been carried out in accordance with Section 5.5 of the Act. The REF also satisfies the requirements of Clause 228 of the <i>Environmental Planning and Assessment Regulation 2000</i>. A Clause 228 checklist is included in this REF in Appendix D.</p>

Law, Policy or Regulation	Objective	Requirement for the proposal
	<p>authority and compliance with any relevant codes of practice, and</p> <ul style="list-style-type: none"> ii. Rehabilitation or restoration of any disturbed land, and iii. the number and nature of all past changes and their cumulative effects, and <p>b) The likely impact of the proposed alterations or additions having regard to factors including:</p> <ul style="list-style-type: none"> i. the scale, character or nature of the proposal in relation to the development, and ii. the existing vegetation, air, noise and water quality, scenic character and special features of the land on which the development is or is to be carried out and the surrounding locality, and iii. the degree to which the potential environmental impacts can be predicted with adequate certainty, and iv. the capacity of the receiving environment to accommodate changes in environmental impacts, and <p>c) Any proposals:</p> <ul style="list-style-type: none"> i. to mitigate the environmental impacts and manage any residual risk, and ii. to facilitate compliance with relevant standards, codes of practice or guidelines published by the Department or other public authorities. 	
<p>Marine Safety Act 1998 & Marine Safety Regulation 2016</p>	<p>Clause 18 of the regulation provides that the operator of a vessel must not obstruct, or restrict or impede access to, any fairway or channel.</p> <p>Clause 19 of the regulation provides the operator of a vessel must not obstruct the approach to, or restrict or impede the proper use of, any wharf or other landing place, or any boatshed, launching ramp or courtesy or emergency mooring, otherwise than when launching or removing the vessel from the water in the usual manner.</p>	<p>A vessel would be required for the construction of the boat ramp and jetty. Consultation is required with Roads and Maritime to determine if an aquatic licence is required.</p> <p>Matters related to access are discussed in Section 5.7.</p>

Law, Policy or Regulation	Objective	Requirement for the proposal
	<p>Clause 21 of the regulation provides a person must not cause any object or apparatus to float on, extend over or be in any navigable waters if it:</p> <ul style="list-style-type: none"> a) obstructs, or is likely to obstruct, navigation, or b) causes, or is likely to cause, nuisance or danger to any person, or c) causes, or is likely to cause, damage to any property. <p>Division 3 of the regulation provides conditions for the granting of an aquatic licence, which permits the holder to undertake an aquatic activity.</p> <p>An aquatic activity means:</p> <ul style="list-style-type: none"> a) a race, competition or exhibition (whether or not involving vessels or equipment) that is conducted in or on any navigable waters, or b) any other activity (whether or not involving vessels or equipment) that is conducted in or on any navigable waters and that restricts the availability of those waters for normal use by the public. 	
<p>Biodiversity Conservation Act 2016 (BC Act)</p>	<p>The BC Act establishes the new regulatory framework for assessing and offsetting the biodiversity impacts of proposals. The purpose of the Act is to maintain a healthy, productive and resilient environment for the greatest well-being of the community, now and into the future, consistent with the principles of ecologically sustainable development.</p> <p>The Act contains provisions relating to flora and fauna protection (repealing parts of the <i>National Parks and Wildlife Act 1974</i>), threatened species and ecological communities listing and assessment (repealing the <i>Threatened Species Conservation Act 1995</i> and section 5A of the EP&A Act), a Biodiversity Offsets Scheme (BOS), a single Biodiversity Assessment Method (BAM), calculation and retirement of biodiversity credits and biodiversity assessment and planning approvals. The Act is supported by the <i>Biodiversity Conservation Regulation 2017</i>.</p>	<p>An assessment of the potential impacts of the proposal on threatened species, populations, ecological communities and critical habitat listed in the BC Act must be undertaken in accordance with Section 7.3 of the Act. An assessment of threatened species impacts is undertaken in Section 5.4.</p> <p>The proposed vegetation clearing would be approved under Part 5 of the EP&A Act; proponents have the option of applying the BOS for the assessment of clearing impacts. The proposal site is indicated as sensitive land on the OEH Biodiversity Value Map. The proposed clearing would not exceed the Biodiversity Offset Scheme (BOS) Thresholds. The BOS scheme is therefore not applied in this assessment. Refer to Section 5.4.</p>

Law, Policy or Regulation	Objective	Requirement for the proposal
Biosecurity Act 2015	The <i>Biosecurity Act 2015</i> repealed the <i>Noxious Weeds Act 1993</i> and provides a framework for the prevention, elimination and minimisation of biosecurity risks. The Act and supporting <i>Biosecurity Regulation 2017</i> provide for the establishment and functions of Local Control Authorities for weeds (LGA or County Councils), and weed control obligations on public and private land.	Measures have been included in the REF to ensure adequate weed hygiene during the works (refer Section 5.4).
National Parks and Wildlife Act 1974 (NPW Act)	<p>The NPW Act promotes and regulates the management of national parks and historic sites or places of cultural value within the landscape and the conservation of certain fauna, native plants and Aboriginal objects and places.</p> <p>The NPW Act provides for a register of sites of archaeological and Aboriginal cultural significance (Schedule 14). A Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW (DECCW 2010) has been released to facilitate the protection of Aboriginal heritage under the Act. An Aboriginal Heritage Impact Permit from OEH is required for works impacting on an Aboriginal object or place.</p>	Section 5.9 of this REF addresses potential impacts to Aboriginal heritage.
Fisheries Management Act 1994 (FM Act) Fisheries Management (General) Regulation 2010	<p>This Act sets out to conserve fish stocks and key fish habitats, threatened species, populations and ecological communities of fish and marine vegetation and biological diversity. Further, it aims to promote viable commercial fishing, aquaculture industries and recreational fishing opportunities.</p> <p>Section 200(1) of the FM Act requires that a local government authority “<i>must not carry out dredging or reclamation work except under the authority of a permit issued by the Minister</i>”.</p> <p>In Section 198A of this Act, the definition of “dredging work” includes any work that involves excavating “water land”, where water land is defined as “<i>land submerged by water... whether permanently or intermittently...</i>”</p> <p>Section 204A states that “(1) <i>This section applies to any marine vegetation declared by the regulations to be protected marine vegetation. (2) A person must not harm any such protected marine vegetation in a protected area.</i>” The proposal site is located in an area</p>	<p>The proposal site is located within Blackfellows Lake which is mapped as Key Fish Habitat (KFH).</p> <p>The proposal would involve the installation of a new boat ramp over an existing unpaved boat launching area and the installation of a new 30m finger pontoon jetty. These proposed works would be considered dredging or reclamation in ‘water land’ as defined by the FM Act. Additionally the proposed works have potential to harm marine vegetation and block fish passage. Accordingly, a permit is required to be obtained from NSW Fisheries prior to the works taking place.</p>

Law, Policy or Regulation	Objective	Requirement for the proposal
	<p>identified as saltmarsh, which is a type of protected marine vegetation identified under the regulation.</p> <p>Section 205 (2) of the FM Act outlines a “<i>person must not harm any such marine vegetation in a protected area, except under the authority of a permit issued by the Minister under this Part</i>”. Marine vegetation includes mangroves and seagrass. Protected area includes any public water land including the foreshore.</p> <p>Section 219 of the FM outlines that a person must not block fish passage without a permit.</p>	
<p>Water Management Act 2000 (WM Act)</p>	<p>Certain activities, in, on or under waterfront land are controlled activities under the WM Act. The NSW Office of Water administers the WM Act and is required to assess the impact of any proposed controlled activity on waterfront land. Waterfront land includes the bed and bank of any river, lake or estuary and all land within 40m of the highest bank of the river, lake or estuary. A Controlled Activity Approval must be obtained from the NSW Office of Water before commencing the controlled activity, <u>unless an exemption applies</u>.</p> <p>The <i>Water Management (General) Regulation 2004</i> (the regulation) specifies exemptions from the requirement to obtain a controlled activity approval. Pursuant to Part 3, Division 2, Clause 38 of the Regulation, local councils are exempt from the requirement to obtain a controlled activity approval in relation to all controlled activities that they carry out in, on or under waterfront land.</p> <p>The Act also governs the issue of new water licences and the trade of water licences and allocations for those water sources (rivers, lakes and groundwater) in NSW where water sharing plans have commenced.</p>	<p>As BVSC is the proponent of the proposed works, a controlled activity approval is not required for the proposed works.</p> <p>The works would not result in the extraction of water from a river or aquifer and therefore no water licence is required under this Act.</p>
<p>Protection of the Environment Operations Act 1997 (POEO Act)</p>	<p>The POEO Act provides an integrated system of licensing for polluting activities within the objective of protecting the environment.</p> <p>Section 148 of this Act requires notification of pollution incidents</p> <p>Section 120 of this Act provides that it an offence to pollute waters.</p> <p>Schedule 1 of the POEO Act describes activities for which an Environment Protection Licence is required.</p>	<p>BVSC must ensure that all stages of the proposal are managed to prevent pollution, including pollution of waters.</p> <p>The contractor and BVSC are obliged to notify the relevant authorities (e.g. Environment Protection Authority (EPA)) when a ‘pollution incident’ occurs that causes or threatens ‘material harm’ to the environment.</p>

Law, Policy or Regulation	Objective	Requirement for the proposal
Heritage Act 1977	This Act aims to conserve heritage values. The Act defines 'environmental heritage' as those places, buildings, works, relics, moveable objects and precincts of State or local heritage significance. A property is a heritage item if it is listed in the heritage schedule of the local Council's LEP or listed on the State Heritage Register, a register of places and items of particular importance to the people of NSW.	The proposal does not conform with the definition of a scheduled activity under this Act, therefore an Environment Protection Licence would not be required. Section 5.10 of this REF addresses potential impacts on heritage items or places.
Crown Land Management Act 2016 and Crown Land Management Regulation 2018	Consent under the Act is required to reside, erect a structure or graze or drive stock on Crown land, or clear, dig up or cultivate or enclose Crown land. The Act replaces the <i>Crown Lands Act 1989</i> . Section 2.23 (2) lists certain developments that the Minister is taken to have already given consent. Section 2.23 (3) however, states that Section 2.23 (2) does not apply in relation to any development that involves any of the following: <ul style="list-style-type: none"> a) the subdivision of land, b) the carrying out of development of a kind excluded by the regulations. Exclusions are listed under Section 14 of the Crown Land Management Regulation (2018): <ul style="list-style-type: none"> 2) For the purpose of Section 2.23 (3) (b) of the Act, the carrying out of development within a domestic waterfront precinct is excluded unless: <ul style="list-style-type: none"> a) The development involves the repair or maintenance of an existing lawful building or structure, and b) The development does not involve the excavation of land, and c) The building or structure (as repaired or maintained) does not change any of the following: <ul style="list-style-type: none"> i. Any interruption of water flow caused by the existing building or structure, 	The proposed works would occur on Crown Land. However, BVSC is the manager for the reserve and the proposed works are being assessed under Part 5 of the EP&A Act. For the purpose of Division 2.23 (3) (b) of the Act, the development is located within a domestic waterfront precinct. It would not change the water flow but would introduce a new structure (light pole and finger pontoon) with heights above existing infrastructure at the site and above water (finger pontoon). As such, the development is taken to be excluded by the regulations and therefore consent has not been given and is required from the Minister for the works on Crown land.

Law, Policy or Regulation	Objective	Requirement for the proposal
	<ul style="list-style-type: none"> ii. The height of the existing building or structure, iii. The above water footprint of the structure <p>Section 14 (3) states: ...domestic waterfront land means:</p> <ul style="list-style-type: none"> d) submerged dedicated or reserved Crown Land (including the bed of a river or estuary) that is within coastal waters of the State...' 	
<p>Roads Act 1993</p>	<p>The Roads Act regulates the carrying out of various activities in, on and over public roads. Under Section 138, the consent of the appropriate roads authority is required to:</p> <ul style="list-style-type: none"> (a) erect a structure or carry out a work in, on or over a public road (b) dig up or disturb the surface of a public road (c) remove or interfere with a structure, work or tree on a public road (d) pump water into a public road from any land adjoining the road (e) connect a road (whether public or private) to a classified road. <p>Section 71 of the Act states that a roads authority may carry out work on any public road for which it is the roads authority and on any other land under its control.</p>	<p>The following proposed activities would involve road works:</p> <ul style="list-style-type: none"> • Sealing of the access road to the site. • Widening of a section of the access road to provide parking, adjacent to the boat ramp. <p>Council is the roads authority for these carparks and the works are permitted under the Roads Act.</p>
<p>State Environmental Planning (Coastal Management) 2018</p>	<p>The aim of this Policy is to promote an integrated and co-ordinated approach to land use planning in the coastal zone in a manner consistent with the objects of the <i>Coastal Management Act 2016</i>, including the management objectives for each coastal management area, by:</p> <ul style="list-style-type: none"> (a) managing development in the coastal zone and protecting the environmental assets of the coast, and (b) establishing a framework for land use planning to guide decision-making in the coastal zone, and (c) mapping the 4 coastal management areas that comprise the NSW coastal zone for the purpose of the definitions in the <i>Coastal Management Act 2016</i>. <p>The 4 coastal management areas include:</p>	<p>The following activities area located within land mapped as 'coastal wetland' (refer to Figure 3-1):</p> <ul style="list-style-type: none"> • Proposed boat ramp. • Finger pontoon jetty. • Installation of lighting. • Northern extent of road sealing on access road. <p>The following activity is located within land mapped as "proximity area to coastal wetlands" (refer to Figure 3-1):</p> <ul style="list-style-type: none"> • Access road. <p>Due to no mapping of the coastal vulnerability area, it is unknown if the proposed works would occur within the</p>

Law, Policy or Regulation	Objective	Requirement for the proposal
	<ul style="list-style-type: none"> • Coastal wetland and littoral rainforest • Coastal vulnerability area • Coastal environment area • Coastal use area <p>Under Clause 10 works including:</p> <ul style="list-style-type: none"> • Clearing of native vegetation; • Harm of marine vegetation; • Earthworks (including depositing material on land); • Construction of a levee; • Draining of land; and • Environmental protection works <p>within the mapped Coastal wetland and littoral rainforest would require development consent. Development, other than for the purpose of Environmental protection works is declared to be Designated Development under this clause.</p> <p>Works within the proximity area of Coastal wetlands and littoral rainforest must not be granted consent if the works would have a significant impact on the:</p> <ul style="list-style-type: none"> • the biophysical, hydrological or ecological integrity of the adjacent coastal wetland or littoral rainforest, or • the quantity and quality of surface and ground water flows to and from the adjacent coastal wetland or littoral rainforest. <p>The coastal vulnerability area is defined by the coastal vulnerability maps, which have not yet been produced. Clause 12 states that development consent must not be granted to development on land that is within the area identified as “coastal vulnerability area” unless the consent authority is satisfied that</p> <p>(a) if the proposed development comprises the erection of a building or works—the building or works are engineered to withstand current and projected coastal hazards for the design life of the building or works, and</p>	<p>area (coastal hazards are discussed in Section 5.8). However due to the works being located on the coast it is likely at least part of the proposal would be located within this area.</p> <p>The works can be considered to be alterations and additions to existing development (under Schedule 2 Part 3 of the EP&A Regulations) and given that the environmental impacts of the total development would not be significantly increased, the works are not considered to be Designated Development.</p> <p>The proposed works are located within the Coastal environment area and coastal use area. This REF considers the proposed works impact on coastal processes (refer to Section 5.3), vegetation (refer to Section 5.4), access (refer to Section 5.7), amenity (refer to Section 5.6) and heritage (refer to Section 5.9 and 5.10).</p>

Law, Policy or Regulation	Objective	Requirement for the proposal
	<p>(b) the proposed development:</p> <ul style="list-style-type: none"> (i) is not likely to alter coastal processes to the detriment of the natural environment or other land, and (ii) is not likely to reduce the public amenity, access to and use of any beach, foreshore, rock platform or headland adjacent to the proposed development, and (iii) incorporates appropriate measures to manage risk to life and public safety from coastal hazards, and <p>(c) measures are in place to ensure that there are appropriate responses to, and management of, anticipated coastal processes and current and future coastal hazards.</p> <p>Under Clause 13 development on land within the coastal environment area, consent authorities must consider and be satisfied impacts are avoided, minimised and mitigated (in that order), to a range of coastal environment factors including; coastal processes, water quality, vegetation, public areas and heritage.</p> <p>Under Clause 14 development on land within the coastal use area Consent authorities must consider and be satisfied impacts are avoided, minimised and mitigated (in that order), to a range of coastal environment factors including; maintaining existing safe and equitable access, amenity and views and heritage.</p>	
<p>State Environmental Planning Policy (Vegetation in Non-Rural Areas) 2017</p>	<p>The <i>State Environmental Planning Policy (Vegetation in Non-Rural Areas) 2017</i> (Veg SEPP) applies to land within certain LGAs and to land of zones within LEPs, including:</p> <ul style="list-style-type: none"> • RE1 Public Recreation. • E2 Environmental Conservation. • E3 Environmental Management. • E4 Environmental Living. 	<p>The proposal site includes areas zoned RE1 Public Recreation, E2 Environmental Conservation, E3 Environmental Management, E4 Environmental Living, RU5 Village.</p> <p>The clearing described in this proposal is associated with environmental management works associated with a boating facility (under Clause 68 of the ISEPP) and is permitted without consent.</p>

Law, Policy or Regulation	Objective	Requirement for the proposal
<p>State Environmental Planning Policy No 44-Koala Habitat Protection</p>	<ul style="list-style-type: none"> • RU5 Village. <p>State Environment Planning Policy No. 44 encourages the conservation and management of natural vegetation areas that provide habitat for Koalas to ensure that permanent free living populations will be maintained over their present range across 107 council areas</p>	<p>BVSC is a listed council area, however no feed trees were located with the proposal areas (refer to Section 5.4).</p>
<p>Local Law</p>		
<p>Bega Valley Local Environment Plan 2013</p>	<p>This plan establishes the framework for future development within the local government area of Bega Valley.</p> <p>The proposal site is zoned RE1 Public Recreation, E2 Environmental Conservation, E3 Environmental Management, E4 Environmental Living, RU5 Village and W1 Natural Waterways.</p>	<p>The proposed boat ramp works would occur within the E2 and W1 land zoning.</p> <p>Objectives of E2 include:</p> <ul style="list-style-type: none"> • To protect, manage and restore areas of high ecological, scientific, cultural or aesthetic values. • To prevent development that could destroy, damage or otherwise have an adverse effect on those values. <p>Objectives of W1 include:</p> <ul style="list-style-type: none"> • To protect the ecological and scenic values of natural waterways. • To prevent development that would have an adverse effect on the natural values of waterways in this zone. • To provide for sustainable fishing industries and recreational fishing. <p>Boat ramps and jetties are permitted with consent under both land zonings.</p> <p>The proposed works to the access tracks would occur within land zoned E2, RE1, E3, E4 and RU5. Roads are permitted with consent under these land zonings.</p> <p>ISEPP also operates to remove the requirement for consent, subject to assessment and determination in accordance with the EPA Act.</p>

3.2 WORKS WITHIN COASTAL WETLAND

The proposed boat ramp, finger pontoon jetty and northern extent road sealing occur within the land mapped as 'coastal wetland' and the access road occurs within land mapped as 'coastal wetlands proximity area' under *State Environmental Planning (Coastal Management) 2018* (refer to Figure 3-1).

Clause 10 declares all works, other than environmental protection works to be Designated Development. Clause 11 requires an EIS to be completed if a 'significant' impact is anticipated on biophysical, hydrological or ecological integrity of the wetland affected. Section 5 addresses the potential for significant impacts in these areas and concludes that a significant impact is unlikely. Furthermore, the works could be considered ancillary to the existing development and thereby as 'alterations and additions' to existing development (under Schedule 2 Part 3 of the EP&A Regulations). As the environmental impacts of the total development would not be significantly increased, in fact formalization of the car parking areas may improve runoff, the works are not considered to trigger Designated Development.



Figure 3-1 Works within coastal wetland and proximity to coastal wetland (proposal is in red).

4 CONSULTATION

4.1 ISEPP CONSULTATION

Part 2 of the State Environmental Planning Policy (Infrastructure) (ISEPP) contains provisions for public authorities to consult with local councils and other public authorities prior to the commencement of certain types of development. This is detailed in Table 4-1 below.

Table 4-1 ISEPP consultation checklist.

Is consultation with public authorities other than councils required under clause 16 of the infrastructure SEPP?		
Are the works adjacent to a national park, nature reserve or other area reserved under the <i>National Parks and Wildlife Act 1974</i> , or on land acquired under that Act?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the works on land in Zone E1 National Parks and Nature Reserves or in a land use zone equivalent to that zone?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the works adjacent to an aquatic reserve or a marine park declared under the <i>Marine Estate Management Act 2014</i> ?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the proposal in the Sydney Harbour Foreshore Area as defined by the <i>Sydney Harbour Foreshore Authority Act 1998</i> ?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the development comprise of a fixed or floating structure in or over navigable waters? The proposed works would include the construction of a boat ramp and pontoon within Blackfellows Lake. BVSC are required to consult with Roads and Maritime regarding the proposed works.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Are the works for the purpose of residential development, an educational establishment, a health services facility, a correctional facility or group home in bush fire prone land?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Would the works increase the amount of artificial light in the night sky and that is on land within the dark sky region as identified on the dark sky region map? (Note: the dark sky region is within 200	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Is consultation with public authorities other than councils required under clause 16 of the infrastructure SEPP?		
kilometres of the Siding Spring Observatory)		
Are the works on buffer land around the defence communications facility near Morundah? (Note: refer to Defence Communications Facility Buffer Map referred to in clause 5.15 of Lockhardt LEP 2012, Narrandera LEP 2013 and Urana LEP 2011).	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the works on land in a mine subsidence district within the meaning of the <i>Mine Subsidence Compensation Act 1961</i> ?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

4.2 GOVERNMENT AGENCIES CONSULTATION

4.2.1 Department of Primary Industries – Fisheries

Consultation would be undertaken with Department of Primary Industries (Fisheries) in regards to the proposed works at Blackfellows Lake boat ramp. A fisheries permit would be required to undertake reclamation and dredging, and the works have potential to block fish passage and harm marine vegetation.

4.2.2 Roads and Maritime Services

Consultation would be undertaken with Roads and Maritime with regards to the obstruction of navigable waters during construction works at the proposal site, as well as the construction of structures over navigable waters.

4.3 COMMUNITY CONSULTATION

4.3.1 Consultation undertaken

The following community stakeholder consultation has been undertaken:

- During the preparation of BVSC Maritime Infrastructure Plan 2014, with input from Tathra Amateur Fishing Club.
- During the consultation phase of Transport for NSW Regional Boating Plan (Far South Coast Region) 2015. Consultation included Council workshops, an open online survey and two public information sessions.

The results of this consultation have been considered in the design of the proposed works.

4.3.2 Ongoing community consultation

Nearby residents would be consulted with regarding the proposed works. Consultation would include a proposed works program and proposal details, highlighting the justification for the project. Key resident groups effected by the proposal include: residential dwellings along Blackfellows Lake Road, and the road to access the Blackfellows Lake boat ramp as well as residential dwellings with outlooks onto the proposed boat ramp. Consultation would be undertaken with residents to identify opportunities to reduce impacts for these residents.

Site users would be informed well in advance of site closures, works periods, proposal details and alternative facilities. Consultation would be undertaken with local fishing and boating clubs to identify opportunities to reduce timing conflicts.

There are three main groups of businesses that have potential to be affected as a result of this proposal; recreation businesses, hospitality businesses and aquaculture ventures, that occupy leases within the Bega River system. Businesses would also be informed, well in advance, of site closures, works periods, proposal details and alternative facilities.

5 ENVIRONMENTAL ASSESSMENT

5.1 ASSESSMENT APPROACH

Database searches were undertaken prior to the site inspection, to understand the potential for significant environmental issues in the works locations. The site was inspected by an environmental consultant and senior consultant on August 3, 2018.

5.2 TOPOGRAPHY, GEOLOGY, SOILS, AND CONTAMINATION

5.2.1 Existing environment

Geology

The Blackfellows Lake boat ramp works proposal area is made up of Quaternary (<2.5 million year old) alluvial (river-derived) deposits. Lithology is comprised of current and recent silt, sand and gravel deposited by alluvial systems (Office of Environment and Heritage, n.d.).

Soil landscapes

A desktop assessment and review of the eSpade online reference tool (Office of Environment and Heritage, n.d.) was conducted and the results are summarised below.

The proposal is located within the 'Pambula' soil landscape, characterised by infertile, hardsetting, acidic, often non cohesive erodible soils subject to water (sheet) erosion hazard with seasonally high watertables (localised in drainage lines).

Topography is characterised by undulating rises to rolling low hills. Local relief 0-40m. elevation range 0-49m broad (>300m) crests and long (300m) gently inclined (<10%) slopes.

Acid sulfate soils

The Bega Valley LEP 2013 contains a map identifying acid sulfate soils (ASS) around the Blackfellows Lake boat ramp (refer to Figure 5-1). The Bega Valley LEP Acid Sulfate Soils Maps outlines five classes of land based on the level of risk associated with works and the probable distribution of ASS. The majority of the proposed works occur on land, which is not mapped as ASS, however the northern extent of the proposed finger pontoon is mapped as class 1; acid sulfate soils are likely to occur here (refer to Table 5-1 for area class requirements).

It should be noted the mapping for these ASS isn't a conclusive risk assessment. Based on the geomorphological characteristics of the site, there is a possibility of encountering acid sulfate soils throughout the area of the proposed finger pontoon jetty and boat ramp.

Table 5-1 Works for which development consent is required based on land class.

Class of land	Works
1	<ul style="list-style-type: none"> Any works
2	<ul style="list-style-type: none"> Works below the natural ground surface. Works by which the watertable is likely to be lowered.
3	<ul style="list-style-type: none"> Works more than 1 metre below the natural ground surface. Works by which the watertable is likely to be lowered more than 1 metre below the natural ground surface.
4	<ul style="list-style-type: none"> Works more than 2 metres below the natural ground surface Works by which the watertable is likely to be lowered more than 2 metres below the natural ground surface
5	<ul style="list-style-type: none"> Works within 500 metres of adjacent Class 1, 2, 3 or 4 land that is below 5 metres Australian Height Datum and by which the watertable is likely to be lowered below 1 metre Australian Height Datum on adjacent Class 1, 2, 3 or 4 land.

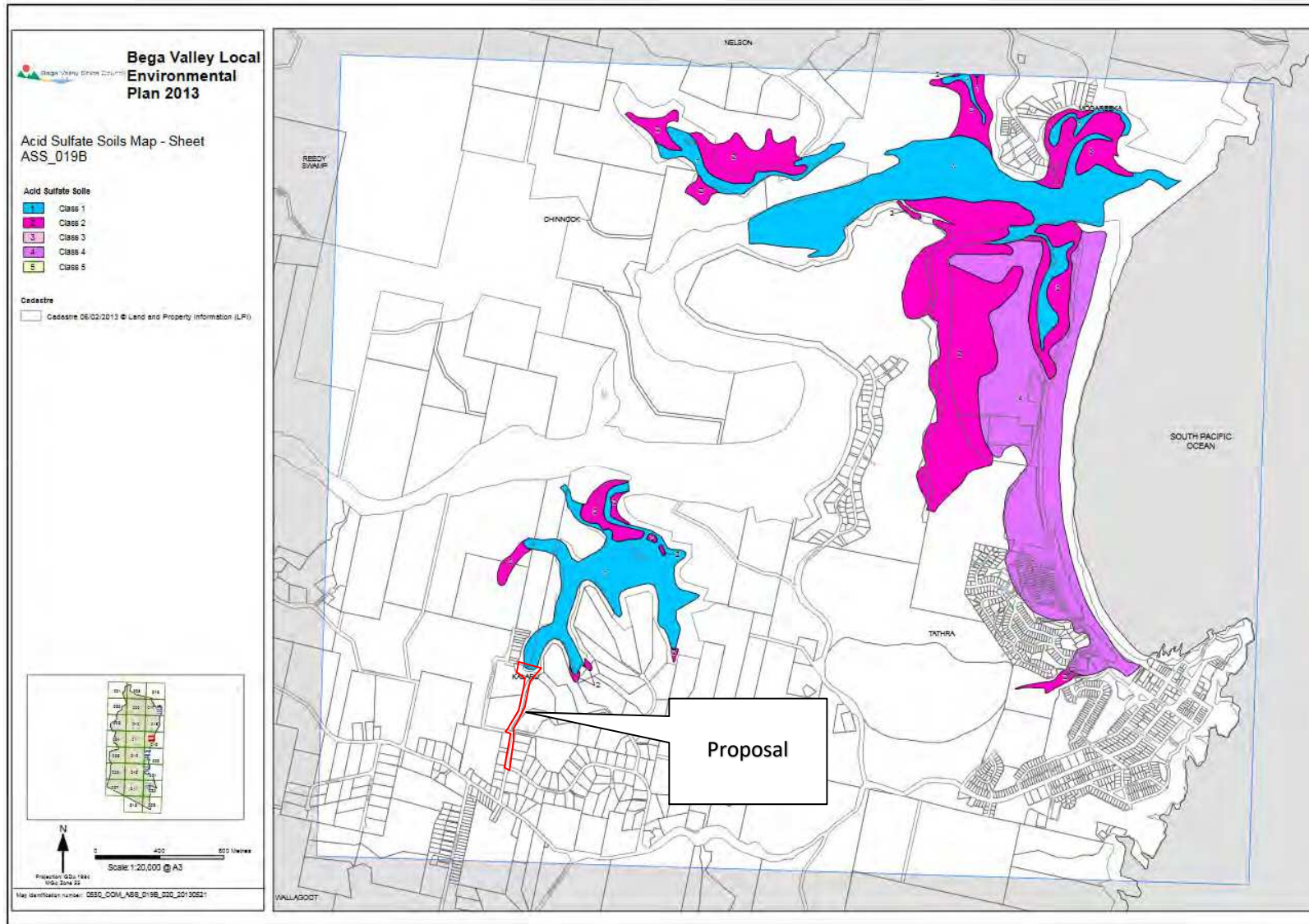


Figure 5-1 Acid Sulfate soils map, proposal outlined in red (BVSC, 2013).

Contaminated land

In areas where disturbance has occurred, there is a potential to encounter contamination. The more a site has been disturbed, the greater the risk of encountering contamination. Common sources of contamination include:

- Poor demolition practices.
- Industrial activities.
- Backfilling operations.
- Dumping and waste management.

A search of the Environmental Protection Authority (EPA) *Contaminated Lands Record of Notices* for the Bega Valley Shire LGA as of 24 July 2018, did not reveal any sites. A review of EPA *List of NSW Contaminated Sites Notified to EPA as of 02 July 2018* did not reveal any sites notified to the EPA related to the proposal site.

The visual inspection of the site revealed low levels of disturbance, and it is unlikely that contamination would be encountered during the proposed works.

Land stability

During the site inspection, erosion was evident in areas that were not sealed including the access road, informal parking and areas of the boat ramp. The banks of the lake have been disturbed and have minimal vegetation cover.

5.2.2 Potential impacts

Construction

SOILS AND EROSION

Key impacts to soils relate to vegetation clearing and excavation in soils known to be unstable, poorly drained and have varying degrees of acid sulfate soil potential. Bare areas of soil, exposed by excavation, could therefore present a pollution risk to Blackfellows Lake, with ongoing sediment and acid run off potentially degrading water quality (acid run off discussed separately below).

Erosion risks are considered relatively short-term and cut and fill areas would be stabilised post construction. Where soils are exposed, erosion resulting in turbidity and soil loss is possible. Piling works for the construction of the finger pontoon jetty would have relatively short term environmental impacts. Piling is likely to generate some turbidity during construction.

Access to the works area, manoeuvring of machinery and equipment laydown can cause soil compaction. Compaction can affect physical and biological processes and lead to problems such as reduced vegetation growth (resulting in bare areas susceptible to erosion) and incised areas that may promote higher water flows (resulting in altered hydrology and erosion). Waterlogged soils, as occurring in the lower slopes and flats, are at highest risk of compaction. Works are proposed to be undertaken in a staged process to avoid the need to store equipment and materials such as gravel.

The use of concrete at the site has the potential to cause turbidity and pH impacts during construction if improperly managed. Fuels, lubricants, solvents and similar have the potential to cause pollution during construction if improperly managed.

ACID SULFATE SOILS

Acid Sulfate Soils are naturally occurring sediments, that when exposed to oxygen generate acid. This acid generation can kill immobile organisms (such as seagrass), corrode iron, concrete and some alloys and irritate skin and eyes of people. Part of the proposed site is located within an area of class 1 acid sulfate soils, which means this material may occur. The presence of submerged marine sediments is indicative of this material.

Improper management of this material during the proposed works would have water quality implications for the Blackfellows Lake (including causing harm to fisheries, the estuarine environment and aquaculture enterprises), and would create an ongoing management issues at the sites where the material was disturbed.

CONTAMINATED LAND

It is considered unlikely that contaminated land is encountered at the proposal site, however, disturbance of contaminated material could result in water quality and public health risks if it is encountered at the site and managed incorrectly.

Operation

Post construction, impacts to soil would be largely concentrated to disturbed areas. These areas have potential to continue to be susceptible to erosion until groundcover is restored. The replacement of unsealed areas with non-porous hard surfaces would increase the quantity and velocity of water runoff (further discussed in Section 5.3).

5.2.3 Safeguards and mitigation measures

- A site-specific sediment erosion control plan would be prepared. The plan would:
 - Be developed consistent with the Blue Book (Landcom 2004).
 - Be specific to the area of construction, reflecting different gradients, catchment sizes and sensitive features.
 - Detail the type and location of all sediment erosion controls to be installed.
- Sediment erosion controls would be maintained during works and adapted if required to ensure the objectives of the Blue Book are met. They would be removed only when soils have been deemed stable (i.e. considering grade or surface treatment / success of revegetation).
- Construction works should not be carried out in periods of forecast heavy rains or strong/gale wind warnings.
- Stockpile sites would be managed in accordance with the Blue Book (Landcom 2004), including location:
 - On Council owned existing hard stand areas, requiring no additional native vegetation clearing.
 - At least 40 metres away from the nearest waterway.
 - On relatively level ground.
 - Outside the 1 in 10 year Average Recurrence Interval (ARI) floodplain.
- A spill management plan would be developed including:
 - Requirements for spill kits will be kept on site during works

- Hazardous chemicals (including fuels, paints etc.) should be stored in the smallest practical quantity, in accordance with the MSDS, in bunded areas, at least 50 meters from water bodies.
- Emergency spill procedures.
- No concrete waste or excavated material it to be disposed of onsite or in adjacent waterways. Concrete waste includes excess concrete, concrete washout and similar.
- Access would be managed to minimise traffic on non-hardstand areas.
- The smallest practical machinery would be used for works, to minimise areas of disturbance and compaction impacts.
- All areas disturbed by works would be rehabilitated progressively to ensure stable surfaces are obtained as soon as practical. Species selection would be appropriate to the area of works – sterile cover crops and native mulching (thinly spread so germination from the seed bank is not impeded) is considered appropriate in this area. Monitoring will be required. Follow up seeding and mulching may be required to ensure that surfaces are stabilised.
- Coordination would be undertaken with Council and other service providers to manage impacts to other services.
- Acid sulfate soils are to be managed in accordance with the *Acid Sulfate Soil Manual* (Acid Sulfate Soil Management Advisory Committee, 1998). Contractors should demonstrate they have protocols to manage this impact.
- If contaminated or suspicious material is encountered during works, a suitably qualified professional would be engaged to determine risks and management strategies.

5.3 HYDROLOGY, CATCHMENT VALUES AND WATER QUALITY

5.3.1 Existing environment

Part of the proposal area extends into the Blackfellow Lake, which is part of the Bega River estuarine system, 3.8 km² system. This system is important ecologically (further discussed in Section 5.4) and as a recreational and commercial fishery (further discussed in Section 5.5). The Geoscience Australia OzCoasts assessments of non-pristine estuaries found the Bega River to be in 'modified condition'; having been modified by substantial catchment clearing, sedimentation, water quality impacts and agriculture.

The catchment for the system is 1934.8 km², and comprises of agricultural, residential and conservation areas. The urban area is 3.3 km² or around 0.2% of the total catchment. A few aquaculture leases occur within the system, as well as commercial prawning and recreational fishing.

Section 5 addresses the potential for significant impacts in these areas and concludes that a significant impact is unlikely. Furthermore, the works are considered to be alterations and additions to existing development (under Schedule 2 Part 3 of the EP&A Regulations) and given that the environmental impacts of the total development would not be significantly increased, the works are not considered to be Designated Development.

Part of the proposal is located within a *State Environmental Planning Policy (Coastal Management) 2018* coastal wetland and proximity areas. However, as above, a 'significant' impact is not anticipated. As such, the preparation and approval of an Environmental Impact Statement (EIS) is not considered to be required (refer to Section 3.1 and Section 3.2).

5.3.2 Potential impacts

Construction

Spills

During construction hazardous materials (e.g. fuels, oils, solvents etc.) may be brought on site. Should spills occur these materials may cause environmental impacts on the site.

Earthworks

Earthworks has the potential to impact water quality through erosion causing turbidity issues within adjacent watercourses including Blackfellows Lake. If earthworks are to occur within waterways, the potential for these impacts is increased. Contamination including acid sulfate soils (further discussed in Section 5.2) has the potential to result in considerable impacts to water quality should it not be managed correctly during earthworks.

Provided the safeguards within this REF are implemented, the impacts are considered to be short term and relatively localised.

Pouring concrete in-situ

Pouring concrete has the potential to have turbidity and pH impacts during construction, if this process is managed incorrectly. Activities such as 'washouts', poor formwork and underwater pours have the greatest potential to result in environmental impacts. The proposal does not include underwater pours.

Provided the safeguards identified below are implemented, the impacts at both sites are considered to be short term, relatively localised and therefore minor.

Coastal Wetland

The proposal has the potential to cause a range of impacts to the coastal wetland area, including those identified above and in Section 5.2.

Operational

Road sealing with hot mix asphalt

Road sealing has the potential to impact downstream water quality. Sealed surfaces are generally impervious and cause materials on them to wash downstream, in this case entering Blackfellows Lake. Car parks and roads tend to have a range of contaminants associated motorised transport – emissions particulates, oils, brake dusts and similar. Unpaved surfaces can act as a kind of filter, trapping and in some cases treating pollutants as they percolate through the permeable surface. The sealing of the unpaved road would remove this function, and the gradient of the site would direct runoff into Blackfellows Lake, which parts of the lake are mapped as a coastal wetland.

Asphalt runoff is also a cause pollution. The United States Environmental Protection Agency (2011) found that asphalt sealants release polycyclic aromatic hydrocarbons (PAHs), a class of chemicals that is toxic to many form of biota. Coal tar asphalt sealants 'have impacted survival and development of amphibians, embryo and larval mortality in fish, and growth and biodiversity of macroinvertebrates and benthic phytoplankton' (United States Environmental Protection Agency, 2011). Although, coal tar asphalts (that are not used in NSW) have been found to release PAHs at a rate far greater rate (100-1000 times more) than crude oil derived asphalts that are currently in use. Whether or not asphalts that are currently used leach significant PAHs (or other toxins) is unclear.

The kind of pollution expected to occur from hot mix asphalt and carpark runoff, both as a result of leached toxins from asphalt and from runoff from the impervious surface include:

- Benzene, toluene ethylbenzene xylene (BTEX).
- Polycyclic aromatic hydrocarbons (PAHs).
- Organic compounds (total) (TOC) such as oils and fuels.
- Heavy metals (mercury, lead etc).
- Turbidity.

Approximately 3000 m² of the works area would be sealed, introducing potential for draining directly or indirectly toward the Lake. Although the area that is proposed to be sealed is relatively small, considering the sensitivity of estuarine systems and the cumulative impacts of development in the area this impact may result in an operational impact; potentially reducing local water quality, impacting recreational and commercial fisheries, commercial aquaculture operations and reducing ecological integrity. The beneficial impact of the sealing would be a reduction in ongoing sediment input from unsealed and eroding landforms.

It should be noted urban stormwater runoff was identified as the greatest threat to the marine estate (which includes estuaries such as Blackfellows Lake at the proposal site) in the recent New South Wales *Marine Estate Threat and Risk Assessment Report* (BMT WBM on behalf of the Marine Estate Management Authority, 2017). While developed for residential use, the surrounding area is low density development and not likely to generate high urban stormwater runoff. It is noted however, that most local access roads near to the works are unsealed. This sediment run off is expected to be the greatest adverse impact on water quality locally.

5.3.3 Safeguards and mitigation measures

- Design carpark and road in accordance with the NSW Government Roads and Maritime Services *Water sensitive urban design guideline* (2017). The key design principal is to capture and treat pollution prior to it entering the Bega River estuarine system by implementing control devices appropriate for sensitive receiving waters identified in Table 2 of the Guideline.
- Obtain a permit from NSW Fisheries prior to the works taking place. This should include development of detailed measures to manage works in waterways, such as booms and machinery wash down protocols.

5.4 BIODIVERSITY

5.4.1 Approach

Database searches and literature review

Background searches undertaken for the purposes of this assessment included Commonwealth and State databases to determine whether any threatened flora and fauna species, populations, ecological communities, migratory species and Areas of Outstanding Biodiversity Value as detailed in State and Commonwealth legislation occur or are likely to occur within the proposal sites (Table 5-2).

Appendix B provides a list of threatened species that have been recorded from database searches. In Appendix B, the habitat characteristics of these species have been evaluated to determine their likelihood to occur within the study area.

Table 5-2 Background searches undertaken for threatened entities and priority weeds.

Resource	Target	Search date	Search area
OEH BioNet Atlas	Threatened flora and fauna species, populations and ecological communities listed under the BC Act	31/07/2018	10km radius of the study area
EPBC Act Protected Matters Search	Threatened flora and fauna, endangered populations and ecological communities and migratory species	31/07/2018	10km radius of the study area
NSW Department of Primary Industries DPI Fisheries Threatened Species and aquatic TECs	Aquatic TECs and Threatened species	31/08/2018	Bega Valley Shire Council
DPI Weed Wise	Priority weeds declared in the relevant LGA	31/07/2018	Bega Valley Shire Council

Site inspection

A site assessment of the study area was undertaken on 3 August 2018, by a senior environmental consultant. An assessment of the ecological value of the area as well as habitat types and their quality was undertaken.

Criteria recorded during the site inspection included:

- Native flora species and vegetation communities present (including presence/absence of seagrass).
- Potential of threatened species presence and/or habitat.
- Weed species and pathogens present.
- Landscape connectivity.
- Existing landscape condition and disturbances.
- Potential for direct and indirect ecological impacts.

5.4.2 Flora

Existing environment

The locality is characterised by low-density settlement, riverine waterways, state forests, and national parks. Tanja State Forest is approximately 2.5km to the north and Kangarutha and Bournda National Park approximately 3km and 4km south of the works area. Kalaru township is located 0.5km to the south of the Blackfellows Lake boat ramp.

Current land uses at the proposal site include:

- Low density rural and residential properties bordering the southern side of Blackfellows Lake.
- Kalaru township.

- Management of remnant and contiguous vegetated areas.

Blackfellows Lake is a shallow, salt water Lake that branches off the Bega River, approximately 6.5km upstream from the river mouth at Mogareeka. Blackfellows Lake is not listed under the OEH NSW Estuaries profiles, but Bega River is listed and classified as a wave dominated barrier estuary with an intermittently open entrance (OEH, 2018). Both the Bega River and Blackfellows Lake provide Class 1 major key fish habitat (DPI, 2018a).

Vegetation and surrounds

Within the works area two native vegetation communities were observed and included:

- 1) Coastal Valley Shrub Forest.
- 2) Phragmites Reedland.

Table 5-3 identifies the total area (ha) of each vegetation community observed for the works area.

Table 5-3 Vegetation communities identified within the works area.

Vegetation Community	Likely PCT assignment	TEC	Total Works Area (ha)
Coastal Valley Shrub Forest	PCT 777: Coast Grey Box - Mountain Grey Gum - stringybark moist shrubby open forest in coastal gullies, southern South East Corner Bioregion PCT 1084: Red Bloodwood - Silvertop Ash - White Stringybark heathy open forest on coastal foothills, southern South East Corner Bioregion	No	0.38
Phragmites Reedland	PCT 181: Common Reed - Bushy Groundsel aquatic tall reedland grassland wetland of inland river systems	No	0.0004
Total			0.38

COASTAL VALLEY SHRUB FOREST

The community is characterised as an open shrubby forest with a canopy dominated by Coastal Grey Box (*Eucalyptus bosistoana*), White Stringybark (*E. globoidea*) and Silvertop Ash (*E. sieberi*). Common species in the midstorey include Pittosporum (*Pittosporum undulatum*), Native Cherry (*Exocarpos cupressiformis*) and Wattle species (*Acacia mearnsii*, *A. terminalis*). Patches of Black She-Oak (*Allocasuarina littoralis*) are interspersed within this community and were noted along the road verge. Understorey species include Common Heath (*Epacris impressa*), Bracken Fern (*Pteridium esculentum*), Spiny-headed Mat-rush (*Lomandra longifolia*), Gahnia (*Gahnia* sp.), and Blue Flax-lily (*Dianella caerulea*).

This community is the dominant vegetation type within the works area. The upper canopy stratum are present away from the road, but the community has been simplified at the road's edge where prior clearance has occurred and only common groundcover native species dominate (i.e. Bracken Fern and Spiny-headed Mat-rush).

This community primarily fits the Plant Community Type (PCT) definition of PCT 777 Coast Grey Box - Mountain Grey Gum - stringybark moist shrubby open forest in coastal gullies but also displays influences of PCT 1084 Red Bloodwood - Silvertop Ash - White Stringybark heathy open forest on coastal foothills.

PHRAGMITES REEDLAND

This community borders the Blackfellows Lake and is dominated by *Phragmites australis* (Common Reed). This was the dominant species observed at the periphery of the Lake within the tidal inundation zone. This community may be best described as PCT 181 Common Reed - Bushy Groundsel aquatic tall reedland grassland wetland of inland river systems, however in the study area it is nearly exclusively *Phragmites australis*.

Weeds and pathogens

European Blackberry (*Rubus* sp.) was identified along the roads edge within the works area. Blackberry is listed as a weed of national significance and it is noted as a priority weed for the South East Bioregion. It is a common weed within the region and is often encountered along roadsides and disturbed areas.

The *Biosecurity Act 2015* dictates that all plants are regulated with a general biosecurity duty to prevent, eliminate or minimise any biosecurity risk they may pose. Any land managers or authorities who deal with any plant has a duty to ensure the risk is prevented, eliminated or minimised, so far as is reasonably practicable.

Threatened entities

DATABASE SEARCHES

The NSW BioNet and the Commonwealth EPBC Act Protected Matters Search Tool database searches for threatened entities and communities identified 13 threatened flora species and 14 Threatened Ecological Communities (TECs) with the potential to occur within the locality (10km radius).

The threatened species habitat evaluations (presented in Appendix B) determined that no threatened flora species are likely to occur within the study area due to the:

- Absence of required abiotic habitat features.
- Existing disturbance levels along the roadside edge.
- Absence of associated vegetation communities or flora species.
- Lack of nearby records of the species (within 10km).

THREATENED ECOLOGICAL COMMUNITIES

The native vegetation communities identified in the works area is not listed as a TEC. Additionally, none of the TECs returned from database searches occur in the works area. The proposal will not impact on any TECs listed under the BC Act or EPBC Act.

5.4.3 Fauna

Terrestrial fauna habitat

Terrestrial fauna habitat, primarily foraging habitat, is present within the works area and consists primarily of regrowth forest supporting Eucalypt trees over open understorey and sub-canopy stratum.

The works area generally supports the following fauna habitats and resources:

- Nectar, pollen, insect and seed foraging resources through canopy and sub-canopy trees (Acacia and Eucalypt species);
- Potential sub-canopy feed trees for the Glossy Black-cockatoo (Black She-oak).
- Reedland for waterbirds such as Reed Warblers and ducks.

- Connectivity to good quality native vegetation, primarily to the south and east.
- One large hollow-bearing stag supporting several small, medium and large hollows with potential to provide breeding or roosting habitat for forest owls, microbats, or gliders.

ACCESS ROAD

Within the first 400m of the access road the ground cover is simplified and Spiny-headed Mat-rush and Bracken Fern is dominant along the edge where it has colonised areas of past clearing and would provide foraging resources for common bird species; however, habitat complexity is limited in this area. Leaf litter and some fallen timber is present within the ground layer, but patches of bare ground consisting of sandy loose gravel also occur.

Habitat complexity increases within the remaining 200m of the access road where it is more heavily vegetated and sub-canopy species border the road. Sub-canopy and understorey vegetation are denser in this section supporting Acacia, Pittosporum and Native Cherry; these species may provide a food resource for smaller birds and mammals during their flowering periods. Young Black She-oak trees are noted along this section of the road verge and some will require clearing for road widening. Only a few plants were carrying cones but no evidence of feeding (chewed cones beneath the tree) by the Glossy Black-cockatoo (*Calyptorhynchus lathami*) were recorded.

There are no mature Eucalypts or hollow-bearing trees that require clearance for road widening. Branches from larger Eucalypts overhang the existing road and may need lopping but were not noted to support important habitat for arboreal species.

BOAT RAMP AND TURN-AROUND AREA

Two notable patches of remnant native vegetation occur within the immediate boat ramp and turn around area and can be retained as part of the proposal. Although approximately 5 trees (3 Eucalypts and 2 Pittosporum) would require removal however; these trees provide no unique resources for fauna.

The existing informal loop road currently borders a patch of vegetation supporting one large stag that contains several hollows; these hollows may provide roosting or breeding habitat for microbats, gliders, or forest owls. They are notable as few similarly large trees and large hollows were observed in the areas adjacent to the works.

Aquatic fauna habitat

Blackfellows Lake is absent of expansive tidally exposed sand or mudflats as reedland is dominant at the water's edge and is widespread where it occupies the perimeter of the Lake. The reedland would provide foraging and shelter resources for common waterbirds and warblers.

As Blackfellows Lake is a brackish saltwater Lake it provides no habitat for freshwater amphibians or fish species; the absence of seagrass meadows further limits habitat for fish and smaller aquatic species.

Habitat is limited for many shorebirds, especially threatened species, due to the lack of wide mudflats and sandflats. Nesting or breeding habitat is not available for shorebirds or waders, but marginal foraging habitat is available on the Lake's margins within the reedland during low tides. Habitat is also limited for migratory shorebirds for the reasons stated above.

Threatened entities

DATABASE SEARCHES

The NSW BioNet and the Commonwealth EPBC Act Protected Matters Search Tool database searches for threatened entities and communities identified 105 threatened or migratory fauna species with the potential to occur within the locality (10 km). This included 63 birds, 15 mammals, 9 bats and gliders, 5 turtles, 9 fish, and 4 frogs (Appendix B).

Due to the proposal site location which falls within both terrestrial and aquatic environments and its close proximity to Tanja State Forest, Kangarutha and Bournda National Park, a substantial number of threatened fauna species have been previously recorded within or in close proximity to the works area. Many of these species are marine and/or pelagic (e.g. albatrosses, whales, migratory marine birds) and would not occur in the works area and/or the habitat is not suitable.

The threatened species evaluation revealed that 7 fauna species were assessed as having a possible likelihood of occurrence based on available habitat within the locality and there is potential for the proposal to impact such habitat. These species include:

- Barking Owl (*Ninox connivens*) – V BC Act.
- Masked Owl (*Tyto novaehollandiae*) – V BC Act.
- Powerful Owl (*Ninox strenua*) – V BC Act.
- Eastern False Pipistrelle (*Falsistrellus tasmaniensis*) – V BC Act.
- Eastern Freetail-bat (*Mormopterus norfolkensis*) – V BC Act.
- Greater Broad-nosed Bat (*Scoteanax rueppellii*) – V BC Act.
- Yellow-bellied Glider (*Petaurus australis*) – V BC Act.

The above species have been discussed below and assessed further below and in a Test of Significance (ToS) (Appendix C).

TERRESTRIAL AND SHOREBIRD SPECIES

Generally, the proposal is not considered to impact woodland birds or terrestrial mammals due to the liner clearance of vegetation along the existing roadside; most of the vegetation along the roadside (i.e. within the first 400m leading towards the Lake) consists of modified ground cover vegetation and is not important to any threatened terrestrial species. The works will not result in clearance of large areas of forest supporting mature trees and will therefore not affect arboreal forest dwelling species or their ability to continue to forage in the area. Further, a substantial amount of forest and woodland habitat is present within the locality which will remain available for any threatened species if they were to occur.

The only impact that could result in the loss of potential roosting / breeding habitat is through clearance of the large hollow-bearing stag currently located within the informal turn-around area of the proposal. This tree provides potential roosting/breeding habitat for microbats and forest owls, and denning habitat for the Yellow-bellied Glider.

It was considered unlikely that the development would have any adverse impact on shorebird species due to the works being limited to a minor area on the edge of the existing boat ramp, as well as the absence of suitable habitats of seagrass, saltmarsh, expansive sandflats and mudflats. The only shorebird species with potential to occur is the Black Bittern as it can occur in estuarine habitats and roosts in dense reeds. Substantial reedland is available around the perimeter of the Lake species and the loss of a 4m² area (0.0004 ha) of this habitat is negligible to the species. The species can also roost in trees and exist in other vegetation types. This species was not considered to be at significant risk from the proposal given the reeds

to be removed are confined to a small area, the habitat is located near the edge of an existing boat ramp already subject to recreational disturbances, and reedland is extensive in the immediate area. For these reasons this species was not considered further in a ToS.

THREATENED AND PROTECTED FISH

A search of the DPI Fishing and Aquaculture threatened and protected species website identified 8 threatened marine species with potential to occur within the locality (10km radius). Four of these species were sharks and they do not occur within the area as habitat is not available. The other four records were fish species, the Australian Grayling (*Prototroctes maraena*), Black Rockcod (*Epinephelus daemeli*), Blue Fish (*Girella cyanea*), and Southern Bluefin Tuna (*Thunnus maccoyi*).

The Australian Grayling can inhabit estuarine waters and coastal seas as juveniles and freshwater rivers as adults; however, most of the adult lifecycle is spent in freshwater rivers in cool clear waters with gravel substrate and pools. This habitat type is not available within the works areas and it is unlikely the species will occur there. The Black Rockcod primarily inhabits rocky reefs and juveniles prefer rock pools or rocky intertidal areas and this habitat type does not occur within the works area. The Blue Fish and Southern Bluefin Tuna are marine species and would not occur within the Lake.

Members of the Syngnathidae (seahorses, pipefish, seadragons) are not threatened species under the FM Act, but are highlighted as important marine species with potential to occur. Seagrass habitat for species within the Syngnathidae family is not present within the works area and they are unlikely to inhabit the works area.

5.4.4 Assessment of impacts

The proposal will have some impacts on the biodiversity of the works area but will be limited in scope and restricted to the existing road edge and boat ramp. The potential impacts considered in this review include:

- Direct loss of vegetation.
- Loss of fauna habitat (threatened fauna species).
- Potential injury, mortality or disturbance to fauna.
- Altered hydrology flow and water quality impacts.
- Spread of weeds, pests and pathogens.

Direct loss of vegetation

The proposal would result in the clearing or modification of some native vegetation and the proposal would have some impact on the existing environment; however, the impacts would be largely restricted to an area of land that has already been subject to prior disturbances along the existing roadside. The proposal would result in the clearing or modification of around 0.38 ha of Coastal Valley Shrub Forest and 0.0004 ha of Phragmites Reedland. The vast majority of clearing for the access track and boat ramp work areas would consist predominantly of trees and shrubs within the mid-storey (including some immature canopy species) and groundcover species, with the exception of five larger trees (3 Eucalypts and 2 Pittosporums).

Overall, the amount of vegetation to be cleared at the proposal sites is not considered significant given the location of the proposal alongside the existing road and when compared to that remaining within the broader landscape.

THREATENED FLORA / COMMUNITIES

The proposal will not impact on any threatened flora or TEC listed under the BC Act or EPBC Act.

Loss of fauna habitat

The proposed works would result in the loss of up to 0.38 ha of fauna habitat (Coastal Valley Shrub Forest and Phragmites Reedland). Vegetation loss would result in a very small reduction of marginal foraging habitat primarily for common woodland birds, reptiles and mammals. The habitats to be affected mostly comprise common and widespread foraging and sheltering resources, occur widely within the surrounding landscape, and are not unique to the works area, apart from the large hollow-bearing stag, which is discussed below. Better quality vegetation is present in the surrounding locality, specifically through the presence of Tanja State Forest, and Kangarutha and Bournda National Parks that provide large tracks of contiguous vegetation. Aquatic flora habitat is absent for threatened fish species.

THREATENED FAUNA

Most threatened species returned from the database searches are unlikely to occur within the works area or be impacted by the proposal. The type and quality of fauna habitats found in the works area and the potential for species to reside there is discussed in Section 5.4.3.

Seven threatened species were assessed as having the potential to occur as assessed in the threatened species habitat evaluation in Appendix B (Barking Owl, Masked Owl, Powerful Owl, Eastern False Pipistrelle, Eastern Freetail-bat, Greater Broad-nosed Bat and Yellow-bellied Glider). All of these species have potential to occur due to the presence of the large hollow-bearing stag that provides potential breeding and/or roosting habitat.

This stag is unique within the works area and is the only observed hollow-bearing tree that supports several hollows of varying size. The hollows are considered to be a valuable shelter resource for hollow-bearing species and are also large enough to provide potential owl breeding habitat. The distribution and abundance of hollow-bearing trees in NSW has been reduced and fragmented by extensive clearing of native vegetation during the past two centuries and they are a declining resource (OEH, 2017). Further loss of this declining resource would contribute to loss of key habitat within the area. The broader locality is also targeted for subdivision development which is likely to result in further loss of valuable resources and hollow-bearing trees. Further, it is also noted hollow trees are a declining resource for common arboreal species as well, not just threatened species, and their retention benefits several species.

The stag is located within the island of the informal turn around area and it is not vital to remove it to execute the proposal. It is recommended the island vegetation be retained in the current design so that the stag remains unaffected and can continue to be available as a fauna resource. If the stag were to be removed, pre-clearance surveys within the breeding season of the assessed species would be required to confirm there would be no significant impact to threatened fauna.

Tests of Significance undertaken in Appendix C determined the proposed works are unlikely to significantly affect the listed species above and are unlikely to reduce the long-term viability of the species populations, accelerate the extinction of the species or place it at risk of extinction, provided the large hollow-bearing stag is retained, or further survey to ascertain its habitat value is undertaken.

Mitigation measures and safeguards addressing these indirect impacts are recommended in Section 5.4.5.

Injury, mortality or disturbance to fauna

The potential for wildlife injury or death is possible during the clearance, excavation and construction phase of the proposed works. The clearing of vegetation may result in injury or death to resident fauna. Species at risk are considered to include common ground dwelling species such as snakes, lizards, and small mammals, but no threatened species.

The proposal also has the potential to cause injury and mortality to sessile aquatic fauna species, in particular those slow moving or attached invertebrates located within the sediment or reedbeds at the margins. Invertebrates species would be common and found in high abundance in these types of habitat and any injury or mortality would only have a minor impact on their abundance in the locality.

While it is possible for injury or mortality to common fauna species (both terrestrial and aquatic) the impact is likely to be minor given the proposal will not result in large-scale clearance. More mobile species could potentially vacate the immediate area during construction due to vibration and noise impacts, moving back to the area on completion of the works.

Altered hydrology flow and water quality impacts

The primary activities associated with the proposal that have potential to result in water quality impacts are detailed in Table 5-4 below.

Table 5-4 Construction activities with potential to result in water quality impacts

Works Area	Activity
Access road and boat ramp and turn around area	<ul style="list-style-type: none"> • Widening up to 300 m of the road adjacent to the boat ramp to provide parking; • Construction of a vehicle turnaround area adjacent to the extent of the widened parking area; • Replacement of the existing boat ramp with a new prefabricated reinforced concrete single boat ramp; • Installation of a 20 m finger pontoon jetty parallel to the upgraded boat ramp, including up to two piers (pile driven); and • Upgrade and sealing of the informal turnaround area adjacent to the existing boat ramp.

Ecological impacts may occur as a result of erosion and sedimentation during construction, and as a result of sealing surfaces during operation. Hydrological impacts are discussed in Section 5.3 .

Weeds, pests and pathogens

Spread of Blackberry (weed of national significance) may occur during vegetation removal and movement of vehicles and machinery into or out of the site. Weeds are easily transported as seeds and propagules on machinery brought to the site. Equally, they can be carried away to other areas from the site or spread within it. Generally, within the site, the greater the area of soil disturbance and the longer it is left without vegetative cover, the more susceptible an area is to weed infestations, particularly by noxious weeds which are already established.

The treatment of Blackberry within the works area would be completed according to the requirements of the Bega Valley Shire Council weed control plan. Rehabilitation of disturbed areas and ongoing weed management after the completion of construction activities would limit the establishment and spread of weed species during operation.

Myrtle rust can occur in the area and protocols to manage the collection and disposal of vegetation clearing and pruning should be developed.

Species	Habitat and impact	Known locations	Site assessment
<i>Caulerpa taxifolia</i> (Caulerpa)	- Colonises exposed and sheltered rocky reef	Batemans Bay, Botany Bay, Brisbane Waters,	Not known to occur at site, poses risk to site

Species	Habitat and impact	Known locations	Site assessment
	<p>and sandy areas, to 6m depth</p> <ul style="list-style-type: none"> - Alters marine habitats and affect biodiversity, although it is no longer considered as severe in NSW as was once thought 	Burrill Lake, Durras Lake, Hawksbury River, Lake Conjola, Lake Macquarie, Pittwater, Port Hacking and Wallagoot Lake	from outcompeting native species.
<i>Sabella spallanzanii</i> (European fan worm)	<ul style="list-style-type: none"> - Exposed rocky reef and artificial structures in areas of good current flow, up to 200m depth - The species potential to compete with native filter-feeding organisms for food and space, and in high densities has the potential to have a negative effect on commercially important species (mussels and oysters) 	Twofold Bay and Botany Bay	Not known to occur at site, unlikely to pose risk to proposal site
European green crab (<i>Carcinus maenas</i>)	<ul style="list-style-type: none"> - lives in a variety of habitats but is generally found close to the shore on mudflats or amongst rocks in protected bays and estuaries - negatively impacted native species and aquaculture industries overseas. The species is a voracious predator that feeds on many types of organisms including shellfish and other crabs 	Burrill Lake, Clyde River / Batemans Bay, Tomaga River, Candlagan Creek, Coila Lake, Lake Mummuga, Wagonga Inlet, Nangudga Lake, Corunna Lake, Tilba Tilba Lake, Merrica River, Wallaga Lake, Bermagui River, Cuttagee Lake, Wapengo Lake, Nelson Lagoon, Merimbula Lake, Pambula Lake, Twofold Bay, Wonboyn Lake and Nadgee Lake	Not known to occur at site, poses risk to site
Japanese goby (<i>Tridentiger trigonocephalus</i>)	<ul style="list-style-type: none"> - Estuaries and rocky reef areas; resides on the bottom, near objects such as rocks, under which it can hide - Competes with native species 	Sydney Harbour and Port Kembla	Not known to occur at site, poses risk to site

Species	Habitat and impact	Known locations	Site assessment
New Zealand screwshell	<ul style="list-style-type: none"> - Lying on, or partially buried in sand, mud or gravel, Intertidal to subtidal, From 1-130m depth - Densely blankets sea floor with live and dead shells Can affect growth of scallops and displace native shellfish 	Twofold Bay and continental shelf off Merimbula and Bermagui	Not known to occur at site, poses risk to site
The Pacific Oyster (<i>Crassostrea gigas</i>)	<ul style="list-style-type: none"> - found on a variety of hard substrates in the intertidal and shallow subtidal zones, to a depth of about 3 metres - Outcompete native and aquaculture species 	Most estuaries in NSW	Known to occur at site
Yellowfin Goby (<i>Acanthogobius flavimanus</i>)	<ul style="list-style-type: none"> - muddy or sandy estuaries, river mouths and bays - Yellowfin Goby compete directly with native species for space and food resources 	Botany Bay, Port Jackson, Hawkesbury and Hunter River estuaries	Not known to occur at site, poses risk to site
Tilapia (various species)	<ul style="list-style-type: none"> - Habits reservoirs, lakes, ponds, rivers, creeks, drains, swamps and tidal creeks. Usually lives in mud bottomed, well-vegetated areas - Damages aquatic habitat and preys on and outcompetes native species 	Cudgen Lake near Cabarita Beach, also found in Victoria, Queensland and Western Australia	Not known to occur at site, poses some risk to Bega River system

Impact on relevant key threatening processes

Key threatening processes (KTPs) relevant for the proposal were reviewed and outlined below in Table 5-5.

Table 5-5 Key Threatening Processes relevant to the proposal.

Key Threatening Processes (KTPs)			
BC Act	EPBC Act	FM Act	Relevance
Clearing of native vegetation	Land clearance	The degradation of native riparian vegetation along NSW water courses	The works are minor and sited within an already disturbed area along an existing road. The proposal will not contribute to this KTP.
Loss of hollow-bearing trees			The large hollow-bearing stag is noted as a unique habitat tree providing valuable breeding and shelter resources for threatened fauna. Clearance of this stag would contribute to this KTP.
Alteration to the natural flow regimes of rivers and streams and their floodplains and wetlands		Instream structures and other mechanisms that alter natural flow	The construction works is not expected to alter the natural flow of the Blackfellows Lake and the proposal will not contribute to this KTP.
Invasion of native plant communities by exotic perennial grasses			The works area is already modified with some exotic species present. The proposal will not contribute to this KTP beyond that which is already occurring. However, weed management as part of routine maintenance operations would promote control of any existing weeds.

5.4.5 Safeguards and mitigation measures

- Obtain a permit from NSW Fisheries prior to the works taking place. A Construction Environmental Management Plan (CEMP) should be developed detailing measures to manage works in waterways, such as booms and machinery wash down protocols. Additional issues for consideration include:
 - Containment of debris during in water works
 - Machinery access to the water
 - Monitoring
- Prior to the commencement of work, a physical clearing boundary at the approved clearing limit is to be demarcated and implemented. The delineation of such a boundary may include the use of temporary fencing, flagging tape, parawebbing or similar.
- Clearly mark the vegetation to be retained as a no-go zone using temporary fencing, flagging tape, parawebbing or similar before works commence, including exclusion of stored materials and machinery during construction.
- Retain the hollow-bearing stag and associated island vegetation within the turnaround area to safeguard hollow resources in the locality.

- If the tree cannot be retained, such as for safety reasons, undertake pre-clearance surveys for the Barking Owl, Masked Owl, Powerful Owl, Eastern False Pipistrelle, Eastern Freetail-bat, and Yellow-bellied Glider during their known breeding seasons to confirm if the tree is used by any of these species.
- Develop a removal protocol depending on these results to assess:
 - suitable timing for removal to minimise impacts
 - whether replacement habitat should be installed.
- A weed, pest and pathogen management plan would be developed for inclusion in the CEMP prior to works to reduce the likelihood of introducing or exacerbating this risk.
 - Weed-free fill would be used for on-site earthworks.
 - Species used for replanting and landscaping must not comprise noxious weeds.
 - Machinery would be cleaned before site access.
- Post construction, BVSC to consider installing signage at boat launching sites to educate users about:
 - Their biosecurity obligations
 - Methods for users reduce the risk of weed and pest introduction

5.5 COMMUNITY AND SOCIOECONOMICS

5.5.1 Existing environment

Tourism is an important economic activity in the Bega Valley Region. Tourism Research Australia (a subsidiary of the Australian Government, Austrade) found that for the year of 2016, the Bega Valley local government area experienced 7.6 million visitors, an increase of 11% for the previous year.

A study of the economics of recreational fishing in NSW found that the industry contributes 1,808 full time equivalent jobs and generates \$395 million dollars of output for the South Coast region (University of Wollongong, 2012). The site is an important location for recreational fishing. The Blackfellows Lake boat ramp provides boating access to the Bega River and numerous locations seaward from this estuary.

Recreational opportunity is important for residents. The lifestyle factors that add to the quality of the region for residential communities include access to coastal areas and recreational sites. Local residents are likely to value certain features of the area including seclusion, tranquillity and a level of privacy; features the area currently boasts.

Aquaculture has an economic output of \$25 million and generates 182 full time equivalent jobs across with the NSW South Coast region (University of Technology, Sydney, 2016). A few aquaculture leases occur within the Bega River estuarine system. The primary commodity is shellfish, which are highly susceptible to water quality both in terms of output and quality.

5.5.2 Potential impacts

Construction

Water quality impacts are discussed in Section 5.3. Water quality impacts may result in impacts for aquaculture leases within the Bega River system. Pollution issues may also reduce the ecological productivity of the system which in turn may impact the quality of the fisheries of the area.

Potential adverse economic impacts could result from public amenity impacts (discussed in Section 5.6) relating to adjacent residential sites. The timing of the proposal would be such that it does not impact the busy, high-use times such as the summer period.

Operation

The proposal is expected to generate increased visitation to some extent. Generally, it is expected that improved infrastructure corresponds to increased usage although it is not intended to promote the area (such as with additional signage).

The proposal is expected to meet the current demand for tourists and provide infrastructure for the anticipated growth in the area. The finger pontoon would improve the facility for use by single handed boaters and improve accessibility of vessels as they are loaded and unloaded; a key benefit of the proposed works.

5.5.3 Safeguards and mitigation measures

- Keep local community informed regarding duration, timing of construction works and associated disruptions. Ensure the justification and benefits of the project is communicated clearly.
- Notification to local industry groups regarding duration, timing of works and disruptions.

5.6 AMENITY: VISUAL, AIR QUALITY AND NOISE

5.6.1 Approach

Public amenity impacts can occur through the generation of excessive noise, air quality, and visual impacts. The existing environment is characterised by a scenic coastal lake and river setting amongst native vegetation, residential and recreational areas.

5.6.2 Existing environment

The proposal site is adjacent to two types of receivers: rural residences and public foreshore recreational users. All receivers would be expected to have high air quality sensitivity. Existing noise at the site is expected to be very low. Traffic regimes are described in Section 5.7, but principally are driven by boat ramp use and local traffic. The site is not currently lit at night.

The sensitivity of receivers to visual impacts would also be expected to vary, as set out in Table 5-6. No sensitive receivers, such as schools or hospitals, are located near the works areas.

Table 5-6 Sensitive receptors Blackfellows Lake boat ramp.

Lot type	Distance to nearest receptor	Existing noise regime	Visual sensitivity
Recreational users	0 m	Medium - vehicles and pedestrian traffic, boats and other lake activity.	Medium – these receivers have come to the site as a transitional area to launch boats and similar. On-water visual impacts are expected to be most sensitive.
Residential	20 m	Low – adjacent to the public foreshore, these lots are set back from the existing infrastructure.	High – these residences are orientated to maximise views.

5.6.3 Potential impacts

Construction

Construction machinery may generate noise, vibration, air quality impacts. During construction, moderate visual impacts as a result of construction works (machinery, fencing, stockpiles etc.) are expected to be visible to the residential receivers.

During construction, the existing boat ramp would not be accessible, so while access would be restricted (further discussed in Section 5.7), there are not expected to be any amenity impacts for recreational users.

Operation

Operational noise and traffic impacts may occur as a result of increased usage of the site.

The visual impact of the completed proposal is considered moderate. While the extent of carpark proposal is relatively minor, the addition of the finger pontoon would be visible from multiple outlooks. The lighting at the site has the potential to impact residential sites via illumination of a previously unlit area. While this has safety and amenity benefits for users of the ramp area, it may also encourage additional night usage and create an undesirable visual intrusion for onlooking houses.

5.6.4 Safeguards and mitigation measures

- Activities would be completed in the shortest practical time.
- Safe access to recreation areas would be maintained where practical.
- A qualitative noise assessment in accordance with NSW Interim Construction Noise Guideline (DECC, 2009) would be required if the works exceed 3 weeks.
- Comply with the Interim Construction Noise Guideline (DECC, 2009) by restricting work to standard works hours:
 - Between 7am and 6pm Monday to Friday,
 - Between 8am and 5pm on Saturday,
 - No works would be permitted on Sundays or public holidays.

- Equipment would be maintained in good condition so that excessive noise is not emitted. Noise attenuation methods may be used on particularly noisy equipment if required.
- Machinery should be turned off while not in use (where possible).
- Machinery should be in good working order and compliant with the relevant air emissions regulations .
- During dry conditions, exposed soils should be wetted down and stockpiles covered if not in use.
- Lighting to be constructed in such a way as to not directly shine into residential dwellings or significantly illuminate residential areas or outlooks (consider location, direction and cowals where necessary; consult with neighbours if impacts cannot be avoided).
- Materials should be selected to be consistent with the surrounding environment, unnecessarily bright and reflective surfaces should be avoided where possible.

5.7 TRAFFIC AND ACCESS

5.7.1 Existing environment

Access to the Blackfellows Lake boat ramp is provided via Blackfellows Lake Road, a two lane road that has partly been sealed, followed by an unnamed single lane unsealed road. The boat ramp itself is an informal bare area with two turnaround loops benched into the grade towards the lake. No formal parking is provided at the site, however parking likely occurs in the turnaround bays, along the road verge or in the driveway to access a private gate to the west of the boat ramp.

5.7.2 Potential impacts

Construction

During construction, the Blackfellows Lake boat ramp, a section of Blackfellows Creek Road and the boat ramp access road will be inaccessible. The plant and equipment required to construct the proposed finger pontoon and emplace the new boat ramp would obstruct access to navigable waters. Construction machinery would travel to and from the site during construction.

Residential sites would be especially affected during construction due to the need of these users to access the site.

Operation

The proposal would improve the quality of infrastructure for maritime users at the proposal site, as well as increase the quality of the road infrastructure for residential sites. The proposal would increase the available parking at the site.

5.7.3 Safeguards and mitigation measures

- A Traffic Management Plan would be prepared prior to construction, which would identify the need for, and extent of traffic controls for the works area. The Traffic Management Plan would include, but not be limited to consideration of:
 - Signage to indicate the works areas and any hazards.
 - Speed limit reductions, where required.
 - Parking of machinery and vehicles where this is required close to the works areas.

- Staging and timing of works to provide access to residential sites
- Notification of any changed traffic conditions would be advertised to the local community in advance of the works commencing. A contact number would be provided for community queries in relation to the works.
- Installation of safety fences around works area where public access must be restricted.
- The works program should be scheduled to be as short as practical to minimise access impacts, outside of holiday periods.

5.8 CLIMATE CHANGE

5.8.1 Existing environment

Since 1910, the average surface temperature in Australia has increased 0.9°C and between 1901 and 2010 sea levels have risen 0.19 m. Higher mean temperatures, rising sea levels and more severe storms are a pattern that is expected to continue into the future. BMT WBM (2015) published a *Bega Valley Shire Coastal Processes and Hazards Definition Study – Volume 1: Final Report* that Identify, assess and maps the potential extent of coastal hazards for the current year, 2050 and 2100 timeframes. The study identifies areas of inundation during storms. These areas are shown in Figure 5-2.



Figure 5-2 Estuary Storm Tide Inundation Hazard 2050 horizon (BMT WBM, 2015).

5.8.2 Potential impacts

The specific risk to the site is unclear due to the scale of the maps produced by BMT WBM (2015). However, while some inundation is likely, the effect is likely to be negligible to minor, given the high local relief of the proposal site. The site is expected to be subject to the effects for more severe weather events, however, the relatively sheltered location of the proposal is expected to minimise these effects.

5.8.3 Safeguards and mitigation measures

The useful life of the infrastructure should be considered at the design phase, with regard to effects of climate change. The following design principles should be incorporated:

- The development would be engineered in consideration of current and future coastal hazards.
- The development would not be located where it is likely they will become inundated within their lifespan (unless inundation doesn't diminish their usefulness, e.g. a boat ramp).
- Measures should be taken to ensure that the developments don't increase the overall risk posed by climate change, for example by building in locations that will subsequently become unstable.

5.9 INDIGENOUS HERITAGE

A Due Diligence Assessment has been prepared for the proposal. It is summarised here and is provided in full in Appendix A.

5.9.1 Approach

A search of the Aboriginal Heritage and Information Management System (AHIMS) was undertaken for the area defined by; GDA Zone: 55, Eastings: 760000 - 765000, Northings: 5928000 - 5934000 with a Buffer of 50 meters. The search identified 46 Aboriginal sites within the search area.

A site inspection was undertaken by a qualified archaeologist of the proposal site on 2nd of August 2018.

5.9.2 Existing environment and potential impacts

The proposed road upgrade at the southern end of the access would have very low potential to impact on Aboriginal heritage objects. The road has been cut and benched into the side of a spur to a depth of between 0.2 m and 1 m, thus removing any natural ground surface. The banks of the cutting were inspected to identify if any artefacts were eroding out from the cutting but none were found.

At the 'dog-leg' turn in the existing road, the road surface is closer to the natural level but is alongside a shallow creek line, in a depression. This section has also been sheeted with imported material including sand and gravels and no natural ground surface was visible. Either side of the road the vegetation was thick grass and bracken and no ground surface was exposed. It was also noted there was a water pipeline marker on the western side indicating the presence of a buried pipeline.

As the road progresses north, the road splits with an access driveway to the east while the track to the boat ramp continues north along a low gradient side slope, partially cut into the side of a gentle spur. The road gradually rises up towards the crest of the spurline until at the end of the road adjacent to the lagoon, it is

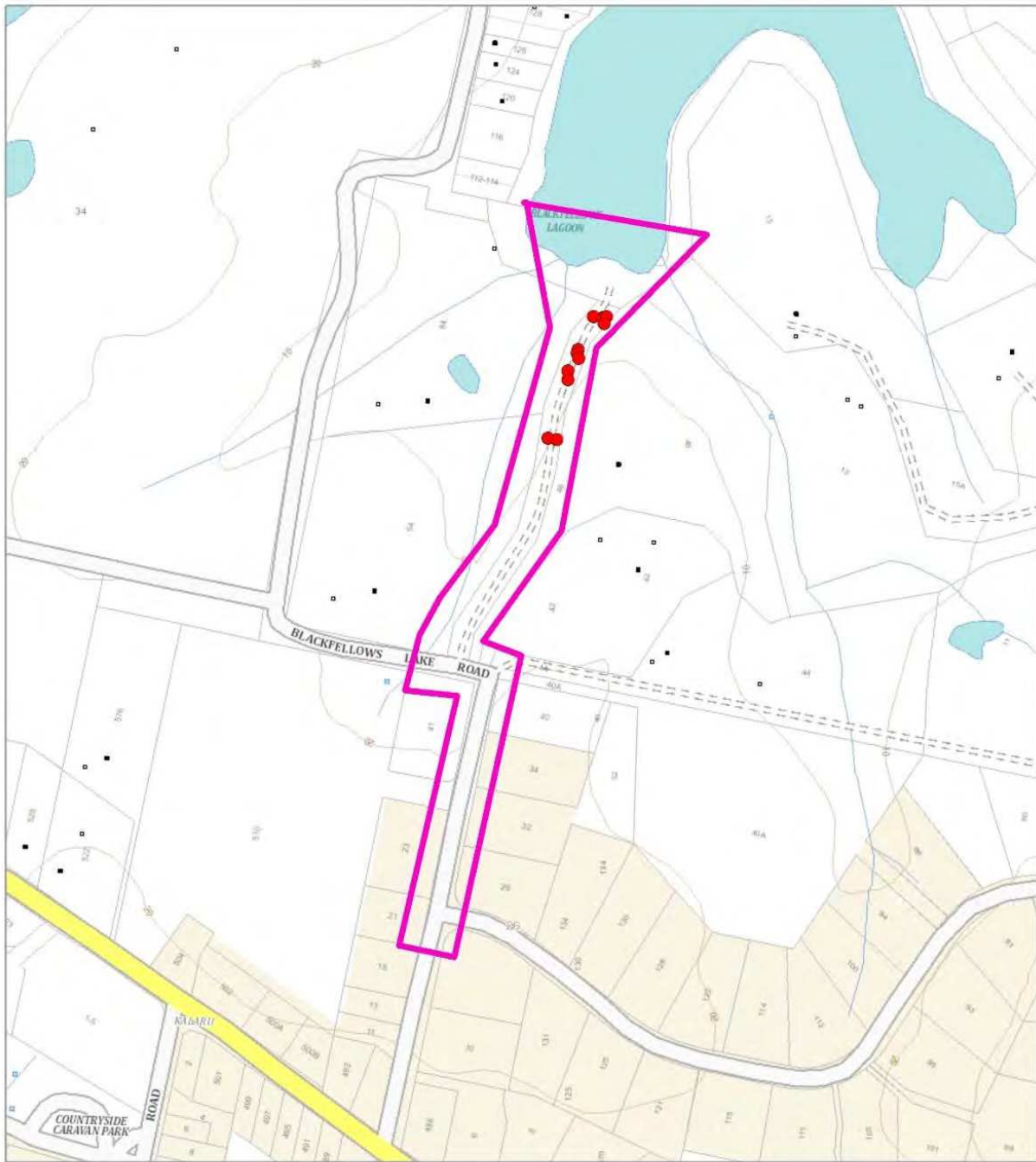
essentially on a spur crest. The road is mostly natural surface of a sandy clayey deposit but has been sealed for about 80 m from the lagoon up to the lagoon edge.

At the end of the access road there is a steep but short drop off at the termination of the spur to the lagoon, about 3 m below the spur crest. The road is cut through the natural surface exposing a section of the deposits which reveal a 20-30 cm grey brown loam over a light yellow brown silty clay over a yellow gravelly clay. The edge of the lagoon is low lying and eroded and considered to be disturbed by the sealed road to the waters edge and two loop roads used for turning circles cut in either side of the main access road.

The relatively level spur crest elevated above the lagoon is characteristic of a location used for Aboriginal camping and therefore identified as having archaeological potential although the road construction and cuttings have increased the disturbance of the area. Despite the disturbance, an artefact scatter was located in this area.

The site *Blackfellows Lagoon AFT 1* was a scatter of stone artefacts spread for 120 m from the edge of the drop-off south along the access road (refer to Figure 5-3). Artefacts were found on the edge of the road cutting near the termination of the spur and also along the unsealed section of the access track (Plate 7). Artefacts were observed in the run-off channels along the edge of the track as well as in the middle of the track (Plate 8). Thirteen artefacts were recorded in detail but the site is estimated to contain about 20 artefacts. It is unlikely that there would be substantial subsurface deposit remaining on the access track but some may exist within the undisturbed spur crest.

Any work to be undertaken on the access road including grading, widening, gravelling or sealing would impact Aboriginal artefacts and an Aboriginal Heritage Impact Permit (AHIP) would be required. If work was restricted to the current width of the track, from cutting to the table drain and bench there is unlikely to be any subsurface deposits present and therefore no testing would be required.



Location of Artefacts

Blackfellows Lagoon

- artefact_sample
- BVSC_site_boundaries

- Notes:
- Data collected by nghenvironmental (2018)
 - Client data courtesy of BVSC, received 2018
 - Base map Copyright © Esri and its data suppliers.
 - Datum GDA 94 zone 55

0 50 100 200 Metres

A4 @ 1:5000
 Ref. Blackfellows Results
 Author: M. Barber

ngh environmental



www.nghenvironmental.com.au

Figure 5-3 Location of artefacts on road to Blackfellows Lagoon.

5.9.3 Safeguards and mitigation measures

- No activity including road upgrades, grading, gravelling or other earthworks can occur in the identified site Blackfellows Lake AFT 1 (refer to Figure 5-3) until an Aboriginal Heritage Impact Permit (AHIP) from OEHL to impact the site has been granted.
- To obtain an AHIP, BVSC will require a suitably qualified heritage consultant to undertake an Aboriginal Cultural Heritage Assessment (ACHA) including consultation with the Aboriginal community. The ACHA would need to support the issue of an AHIP and be submitted with an application to OEHL.
- If the proposed work is confined to the existing road disturbance area, no subsurface testing is considered necessary but an AHIP will still be required.

5.10 NON-INDIGENOUS HERITAGE

5.10.1 Approach

A desktop assessment was undertaken to determine the heritage values of any objects or places within the proposal area, with particular focus on the area of the proposed works. Heritage database searches were conducted on 25 July 2018 and included:

- The Australian Heritage Database (for items listed in the National and Commonwealth Heritage Lists and World Heritage List).
- The NSW State Heritage Inventory (SHI) (for items listed on the State Heritage Register, Heritage and Conservation Registers of State Government agencies and local heritage items on the Bega Valley Shire Council Heritage Schedule).
- The local heritage listings (for items listed on *the Bega Valley Local Environmental Plan 2013*).

5.10.2 Results

The results of the heritage searches listed above indicate that no known historic items or places occur on the site. A summary of the results of the heritage searches are illustrated in Table 5-7. Details of listed items are provided below.

Table 5-7 Summary of heritage findings.

Name of register	Number of listings
World Heritage List	0
National Heritage List	5
Commonwealth Heritage Places	0
NSW State Heritage Register	12
NSW State Agency Heritage Register (section 170)	17
Bega Valley Local Environmental Plan (LEP) 2013	461

5.10.3 Potential impacts

The proposed works would not impact any of the heritage items identified above.

There would be no impact on heritage values as a result of the development and further assessment of heritage impacts relating to the proposed works is not warranted. The proposal is not considered likely to have a significant impact in accordance with the NSW *Heritage Act 1977*, the EP&A Act, or the EPBC Act, in terms of heritage.

5.10.4 Safeguards and mitigation measures

If any items suspected of being of historic value are uncovered during the works, works must cease in the vicinity of the find and advice would be sought from a heritage consultant as to whether the NSW Division Branch (OEH) must be notified in accordance with the *NSW Heritage Act 1977*. In this case, works would proceed only under direction of the Heritage Division.

5.11 WASTE MINIMISATION AND MANAGEMENT

Legal requirements for the management of waste are established under the Protection of the *Environment Operations (POEO) Act 1997* and the *POEO (Waste) Regulation 2005*. Unlawful transportation and deposition of waste is an offence under section 134 of the POEO Act. Littering is an offence under section 145 of the POEO Act.

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).
- Disposal.

Waste streams that would be produced during the construction works include:

- Asphalt from the demolition of the existing boat ramp
- Cleared vegetation including weedy vegetation.
- Surplus soil from excavations .
- Surplus timber, geofabric, gravel, fixings (expected to be minimal).
- Concrete washout.
- General waste from staff (lunch packaging, portable toilets etc.)

The largest quantities of waste expected would be from demolition and earthworks activities during construction.

Limited operational waste streams are anticipated:

- Runoff from cleaning of vehicular trafficked paved surfaces is considered to be Liquid Waste
- Wastes from boat users.

5.11.1 Potential impacts

Construction

If waste is not adequately managed, it can have a range of possible impacts, including:

- Loss of potentially recoverable resources.
- Site contamination (including potential visual and ecological impacts).
- Offsite contamination due to inappropriate disposal or handling by unlicensed operators.

Operation

If cleaning of paved surfaces occurs, the waste product could contaminate the local area including waterways.

5.11.2 Safeguards and mitigation measures

- Waste would be managed according to the following hierarchy:
 - Reuse as much as possible.
 - Recycle as much as possible of the remainder.
 - Dispose appropriately of waste that cannot be reused or recycled.
- Liquid waste from paved area cleaning should be managed in accordance with the relevant guidelines.

5.12 CUMULATIVE IMPACTS

5.12.1 Existing environment

Cumulative impacts, for the purpose of this assessment, relate to the combined potential effects of different impact areas of the proposal (i.e. construction noise combined with visual impact) as well as the potential interaction with other activities in the local area (e.g. the combined effects of the works coinciding with other foreshore works).

5.12.2 Potential impacts

The Blackfellows Lake boat ramp proposal, with regard to the presence of additional hardstand may result in a significant cumulative impact for water quality, as discussed in Section 5.3. For the remainder of the works, adverse cumulative impacts relate mostly to the construction phase of the proposed works. Public amenity impacts identified in Section 5.5 and 5.6 would be increased if other construction works were to coincide. This is considered a low likelihood, due to the location and scale of the works proposed.

5.12.3 Safeguards and mitigation measures

The safeguards identified within Section 5 are expected to adequately manage the impacts identified.

5.13 MATTERS OF NATIONAL ENVIRONMENTAL SIGNIFICANCE

5.13.1 Existing environment

An EPBC Act Protected Matters Report was generated for a 10km radius around the proposed works on the 31 July 2018 to identify MNES that may be impacted by the proposed works. This report summarised below.

MNES searches	Items within 10km of site	Potential for impact?
World Heritage Places	None	Nil
National Heritage Places	None	Nil
Wetlands of International Importance	None	Nil
Great barrier Reef Marine Park	None	Nil
Commonwealth Marine Areas	None	Nil
Listed Threatened Ecological Communities	3	Assessed in Section 5.4 and Appendix B.
Listed Threatened Species	68	Assessed in Section 5.4 and Appendix B.
Listed Migratory Species	52	Assessed in Section 5.4 and Appendix B.

5.13.2 Potential impacts

Based on the results of the Protected Matters Search, the only MNES that may occur within proximity to the works are listed threatened Ecological communities and listed threatened and migratory species. The potential for the proposed works to impact on these species was assessed in Section 5.4 and Appendix C of this report. No impacts to listed threatened or migratory species are considered likely.

5.13.3 Safeguards and mitigation measures

No additional safeguards and mitigation measures are considered to be required for MNES.

5.14 PRINCIPLES OF ECOLOGICALLY SUSTAINABLE DEVELOPMENT

The *Protection of the Environment Administration Act 1991* outlines a number of principles of ecologically sustainable development (ESD). These are presented and discussed in relation to the subject proposal, below.

5.14.1 The precautionary principle

According to the precautionary principle, if there are threats of serious or irreversible environmental damage, lack of full scientific certainty should not be seen as a reason not to protect the environment. The use of the precautionary principle implies that proposals should be carefully evaluated to identify possible impacts and assess the risk of potential consequences.

The precautionary principle has been observed in the assessment of conservation values and environmental threats and impacts throughout this REF. Measures have also been included to account for the inherent uncertainty relating to the impacts of weather on the activity.

5.14.2 Inter-generational equity

The principle of inter-generational equity requires the present generation to ensure that the health, diversity and productivity of the environment are maintained or enhanced for the benefit of future generations.

The negative impacts of the proposal are likely to be localised and temporary, and would not significantly diminish the options regarding land and resource uses and nature conservation available to future generations.

There would be socio-economic benefits accruing from the proposal, in improved foreshore access.

5.14.3 Conservation of biological diversity and ecological integrity

Conservation of biological diversity and ecological integrity are a fundamental consideration of ESD. The impacts of the proposal on local populations of threatened species, threatened communities and their habitats have been assessed in detail in Section 4.3. Further investigation has been recommended if the prescriptions in this REF cannot be achieved.

5.14.4 Appropriate valuation of environmental factors

This principle requires that environmental assets and services should be appropriately valued. This REF has considered abiotic and biotic ecosystem values as well as social values, in identifying and mitigating potential impacts of the proposal.

6 SUMMARY OF SAFEGUARDS

Table 6-1 Key environmental safeguards

Impact Category	Safeguard
Topography, geology, soils and contamination	<ul style="list-style-type: none"> • A site-specific sediment erosion control plan would be prepared. The plan would: <ul style="list-style-type: none"> ○ Be developed consistent with the Blue Book (Landcom 2004). ○ Be specific to the area of construction, reflecting different gradients, catchment sizes and sensitive features. ○ Detail the type and location of all sediment erosion controls to be installed.
	<ul style="list-style-type: none"> • Sediment erosion controls would be maintained during works and adapted if required to ensure the objectives of the Blue Book are met. They would be removed only when soils have been deemed stable (i.e. considering grade or surface treatment / success of revegetation).
	<ul style="list-style-type: none"> • Construction works should not be carried out in periods of forecast heavy rains or strong/gale wind warnings.
	<ul style="list-style-type: none"> • Stockpile sites would be managed in accordance with the Blue Book (Landcom 2004), including location: <ul style="list-style-type: none"> ○ On Council owned existing hard stand areas, requiring no additional native vegetation clearing. ○ At least 40 metres away from the nearest waterway. ○ On relatively level ground. ○ Outside the 1 in 10 year Average Recurrence Interval (ARI) floodplain.
	<ul style="list-style-type: none"> • A spill management plan would be developed including: <ul style="list-style-type: none"> ○ Requirements for spill kits will be kept on site during works ○ Hazardous chemicals (including fuels, paints etc.) should be stored in the smallest practical quantity, in accordance with the MSDS, in bunded areas, at least 50 meters from water bodies. ○ Emergency spill procedures.
	<ul style="list-style-type: none"> • No concrete waste or excavated material it to be disposed of onsite or in adjacent waterways. Concrete waste includes excess concrete, concrete washout and similar.
	<ul style="list-style-type: none"> • Access would be managed to minimise traffic on non-hardstand areas.
	<ul style="list-style-type: none"> • The smallest practical machinery would be used for works, to minimise areas of disturbance and compaction impacts.
	<ul style="list-style-type: none"> • All areas disturbed by works would be rehabilitated progressively to ensure stable surfaces are obtained as soon as practical. Species selection would be appropriate to the area of works – sterile cover crops and native mulching (thinly spread so germination from the seed bank is not impeded) is considered appropriate in this area. Monitoring will be required. Follow up seeding and mulching may be required to ensure that surfaces are stabilised.
	<ul style="list-style-type: none"> • Coordination would be undertaken with Council and other service providers to manage impacts to other services.

Impact Category	Safeguard
	<ul style="list-style-type: none"> • Acid sulfate soils are to be managed in accordance with the <i>Acid Sulfate Soil Manual</i> (Acid Sulfate Soil Management Advisory Committee, 1998). Contractors should demonstrate they have protocols to manage this impact
	<ul style="list-style-type: none"> • If contaminated or suspicious material is encountered during works, a suitably qualified professional would be engaged to determine risks and management strategies
Hydrology, catchment values and water quality	<ul style="list-style-type: none"> • Design carpark and road in accordance with the NSW Government Roads and Maritime Services <i>Water sensitive urban design guideline</i> (2017). The key design principal is to capture and treat pollution prior to it entering the Bega River estuarine system by implementing control devices appropriate for sensitive receiving waters identified in Table 2 of the Guideline.
	<ul style="list-style-type: none"> • Obtain a permit from NSW Fisheries prior to the works taking place. This should include development of detailed measures to manage works in waterways, such as booms and machinery wash down protocols.
Biodiversity	<ul style="list-style-type: none"> • Obtain a permit from NSW Fisheries prior to the works taking place. A Construction Environmental Management Plan (CEMP) should be developed detailing measures to manage works in waterways, such as booms and machinery wash down protocols. Additional issues for consideration include: <ul style="list-style-type: none"> ○ Containment of debris during in water works ○ Machinery access to the water ○ Monitoring
	<ul style="list-style-type: none"> • Prior to the commencement of work, a physical clearing boundary at the approved clearing limit is to be demarcated and implemented. The delineation of such a boundary may include the use of temporary fencing, flagging tape, parawebbing or similar.
	<ul style="list-style-type: none"> • Clearly mark the vegetation to be retained as a no-go zone using temporary fencing, flagging tape, parawebbing or similar before works commence, including exclusion of stored materials and machinery during construction.
	<ul style="list-style-type: none"> • Retain the hollow-bearing stag and associated island vegetation within the turnaround area to safeguard hollow resources in the locality. <ul style="list-style-type: none"> ○ If the tree cannot be retained, such as for safety reasons, undertake pre-clearance surveys for the Barking Owl, Masked Owl, Powerful Owl, Eastern False Pipistrelle, Eastern Freetail-bat, and Yellow-bellied Glider during their known breeding seasons to confirm if the tree is used by any of these species. ○ Develop a removal protocol depending on these results to assess: <ul style="list-style-type: none"> ▪ suitable timing for removal to minimise impacts ▪ whether replacement habitat should be installed.
	<ul style="list-style-type: none"> • A weed, pest and pathogen management plan would be developed for inclusion in the CEMP prior to works to reduce the likelihood of introducing or exacerbating this risk. <ul style="list-style-type: none"> ○ Weed-free fill would be used for on-site earthworks. ○ Species used for replanting and landscaping must not comprise noxious weeds. ○ Machinery would be cleaned before site access.
	<ul style="list-style-type: none"> • Post construction, BVSC to consider installing signage at boat launching sites to educate users about: <ul style="list-style-type: none"> ○ Their biosecurity obligations ○ Methods for users reduce the risk of weed and pest introduction

Impact Category	Safeguard
Community and socioeconomics	<ul style="list-style-type: none"> Keep local community informed regarding duration, timing of construction works and associated disruptions. Ensure the justification and benefits of the project is communicated clearly.
	<ul style="list-style-type: none"> Notification to local industry groups regarding duration, timing of works and disruptions.
Amenity: visual, air quality and noise	<ul style="list-style-type: none"> Activities would be completed in the shortest practical time.
	<ul style="list-style-type: none"> Safe access to recreation areas would be maintained where practical.
	<ul style="list-style-type: none"> A qualitative noise assessment in accordance with NSW Interim Construction Noise Guideline (DECC, 2009) would be required if the works exceed 3 weeks.
	<ul style="list-style-type: none"> Comply with the Interim Construction Noise Guideline (DECC, 2009) by restricting work to standard works hours: <ul style="list-style-type: none"> Between 7am and 6pm Monday to Friday, Between 8am and 5pm on Saturday, No works would be permitted on Sundays or public holidays.
	<ul style="list-style-type: none"> Equipment would be maintained in good condition so that excessive noise is not emitted. Noise attenuation methods may be used on particularly noisy equipment if required.
	<ul style="list-style-type: none"> Machinery should be turned off while not in use (where possible).
	<ul style="list-style-type: none"> Machinery should be in good working order and compliant with the relevant air emissions regulations .
	<ul style="list-style-type: none"> During dry conditions, exposed soils should be wetted down and stockpiles covered if not in use.
	<ul style="list-style-type: none"> Lighting to be constructed in such a way as to no directly shine into residential dwellings or significantly illuminate residential areas or outlooks (consider location, direction and cowals where necessary; consult with neighbours if impacts cannot be avoided).
	<ul style="list-style-type: none"> Materials should be selected to be consistent with the surrounding environment, unnecessarily bright and reflective surfaces should be avoided where possible.
Traffic and access	<ul style="list-style-type: none"> A Traffic Management Plan would be prepared prior to construction, which would identify the need for, and extent of traffic controls for the works area. The Traffic Management Plan would include, but not be limited to consideration of: <ul style="list-style-type: none"> Signage to indicate the works areas and any hazards. Speed limit reductions, where required. Parking of machinery and vehicles where this is required close to the works areas. Staging and timing of works to provide access to residential sites
	<ul style="list-style-type: none"> Notification of any changed traffic conditions would be advertised to the local community in advance of the works commencing. A contact number would be provided for community queries in relation to the works.

Impact Category	Safeguard
	<ul style="list-style-type: none"> • Installation of safety fences around works area where public access must be restricted.
	<ul style="list-style-type: none"> • The works program should be scheduled to be as short as practical to minimise access impacts, outside of holiday periods.
Climate change	<ul style="list-style-type: none"> • The development would be engineered in consideration of current and future coastal hazards.
	<ul style="list-style-type: none"> • The development would not be located where it is likely they will become inundated within their lifespan (unless inundation doesn't diminish their usefulness, e.g. a boat ramp).
	<ul style="list-style-type: none"> • Measures should be taken to ensure that the developments don't increase the overall risk posed by climate change, for example by building in locations that will subsequently become unstable.
Indigenous heritage	<ul style="list-style-type: none"> • No activity including road upgrades, grading, gravelling or other earthworks can occur in the identified site Blackfellows Lake AFT 1 (refer to Figure 5-3) until an Aboriginal Heritage Impact Permit (AHIP) from OEH to impact the site has been granted.
	<ul style="list-style-type: none"> • To obtain an AHIP, BVSC will require a suitably qualified heritage consultant to undertake an Aboriginal Cultural Heritage Assessment (ACHA) including consultation with the Aboriginal community. The ACHA would need to support the issue of an AHIP and be submitted with an application to OEH.
	<ul style="list-style-type: none"> • If the proposed work is confined to the existing road disturbance area, no subsurface testing is considered necessary but an AHIP will still be required.
Non-Indigenous heritage	<ul style="list-style-type: none"> • If any items suspected of being of historic value are uncovered during the works, works must cease in the vicinity of the find and advice would be sought from a heritage consultant as to whether the NSW Division Branch (OEH) must be notified in accordance with the NSW Heritage Act 1977. In this case, works would proceed only under direction of the Heritage Division.
Waste minimisation and management	<ul style="list-style-type: none"> • Waste would be managed according to the following hierarchy: <ul style="list-style-type: none"> ○ Reuse as much as possible. ○ Recycle as much as possible of the remainder. ○ Dispose appropriately of waste that cannot be reused or recycled.
	<ul style="list-style-type: none"> • Liquid waste from paved area cleaning should be managed in accordance with the relevant guidelines.

7 SUMMARY OF LICENCES AND APPROVALS

Table 7-1 Summary of licences and approvals required

Legal Instrument	Licence or Approval
<i>Fisheries Management Act 1994</i>	<ul style="list-style-type: none"> • Fisheries Permit.
<i>Marine Safety Act 1998 and Marine Safety Regulation 2016</i>	<ul style="list-style-type: none"> • Consultation is required with Roads and Maritime to determine if an aquatic licence is required for proposed works at Blackfellows Lake boat ramp.
<i>National Parks and Wildlife Act 1974 (NPW Act)</i>	<ul style="list-style-type: none"> • No activity including road upgrades, grading, gravelling or other earthworks can occur in the identified site Blackfellows Lake AFT 1 (refer to Figure 5-3) until an Aboriginal Heritage Impact Permit (AHIP) from OEH to impact the site has been granted.
<i>Crown Land Management Act 2016 and Crown Land Management Regulation 2018</i>	<ul style="list-style-type: none"> • Consent is required from the Minister of the Department of Primary Industries (Lands).

8 CONCLUSION

This REF has assessed the potential construction and operational impacts associated with the following proposed works at Blackfellows Lake boat ramp:

- Replacement of the existing gravel boat ramp with a new reinforced concrete single lane boat ramp.
- Sealing of the access road to the site
- Widening of the access road to provide parking, adjacent to the boat ramp.
- Installation of a finger pontoon jetty.
- Installation of lighting at the site.

These proposed upgrade works would improve the safety of infrastructure and access to Blackfellows Lake. The works would also address erosion and dust emissions issues at the site and improve the visual amenity of the area.

The key environmental risks of the works have been identified as soil and water, climate change, biodiversity, community amenity and traffic and access. A range of safeguards have been developed for the potential impacts identified. These would ensure that the negative impacts of the proposal are prevented, mitigated or limited as far as practical. Of benefit, the upgrades would provide improved facilities for the community.

Additional requirements have also been identified before works can proceed:

- Fisheries permit, pursuant to *Fisheries Management Act 1994*.
- AHIP, pursuant to *National Parks and Wildlife Act 1974*.
- Consultation in accordance with *Marine Safety Regulation 2016*.
- Permit to clear vegetation in accordance with *State Environmental Planning Policy (Vegetation in Non-Rural Areas) 2017*.

The proposed boat ramp, finger pontoon jetty and northern extent of road sealing occur within the land mapped as 'coastal wetland' and the access road occurs within land mapped as 'coastal wetland proximity zone' under State Environmental Planning (Coastal Management) 2018 (refer to Figure 3 1). The works in these specific areas can be considered to be 'alterations and additions' to existing development and would not significantly increase the impact of the total development or the biophysical, hydrological or ecological integrity of the wetland. As such, the works are not considered to be Designated Development.

With the effective implementation of the mitigation measures detailed in this REF, a significant impact is not anticipated, and no further assessment is recommended in regard to the coastal wetland and proximity areas within the works area.

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APPENDIX A DUE DILIGENCE ASSESSMENT

Aboriginal Heritage Due Diligence Assessment

BEGA VALLEY RECREATION SITES



MAY 2019



Document Verification



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ACRONYMS AND ABBREVIATIONS

AHIMS	Aboriginal heritage information management system
AHIP	Aboriginal Heritage Impact Permit
Km	kilometres
LALC	Local Aboriginal Land Council
M	Metres
NPW Act	<i>National Parks And Wildlife Act 1974 (NSW)</i>
NSW	New South Wales
OEH	(NSW) Office of Environment and Heritage, formerly Department of Environment, Climate Change and Water
PAD	Potential Archaeological Deposit

EXECUTIVE SUMMARY

NGH Environmental was commissioned by Bega Valley Shire Council (BVSC) to undertake a Due Diligence assessment for Aboriginal sites for seven locations proposed for upgrade of public recreation facilities. The locations are as follows.

- Bermagui River Boat Ramp
- Blackfellows Lake Boat Ramp, Kalaru
- Quarantine Bay Boat Ramp, Eden
- Bruce Steer Pool, Bermagui
- Pambula Beach Reserve
- Murunna Point/Camel Rock
- Merimbula Boardwalk

BACKGROUND ASSESSMENT

Aboriginal heritage sites have been recorded along the south coast of NSW, including the proposed works areas within the Bega Valley Shire Council. Based upon the desktop assessment there is a varying potential for Aboriginal Cultural Heritage to occur within the proposed works areas. This assessment is largely based upon the information available of registered sites within the AHIMS database, and also in accordance with the landscape model provided in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*.

A number of previously recorded sites exist close to or within the proposed work areas, in particular at Murunna Point and on the Merimbula boardwalk areas.

FIELD ASSESSMENT

No field assessment was deemed warranted for the Quarantine Bay proposal area. However, inspections were carried out at all other locations.

Aboriginal heritage sites were found at Blackfellows Lagoon comprising an artefact scatter.

There were 13 previously recorded sites within the project boundary at Murunna Point and the survey identified four new sites comprising two shell middens and two isolated finds. This area was identified as having high archaeological potential and high potential for subsurface deposits.

No sites were located at the other proposed work locations.

ASSESSMENT CONCLUSION

The proposed works would impact the site at Blackfellows Lagoon and would impact a number of sites and sensitive area at Murunna Point. Further archaeological assessment would be required for the project to proceed at these areas and an Aboriginal Heritage Impact Permit would be required.

It is unlikely that the proposed works would impact Aboriginal objects at the other work locations.

RECOMMENDATIONS

The following recommendations are based on the results of this Due Diligence assessment and an appraisal of the potential for Aboriginal sites to occur within the proposed work areas.

The recommendations for Bermagui River Boat Ramp and Bruce Steer Pool are:

1. Works may proceed with caution at each location.
2. Any activity proposed outside of the current assessment area should also be subject to an Aboriginal heritage assessment
3. If any objects are found during construction that are suspected of being Aboriginal in origin, work must stop at that location and OEH notified.

The recommendations for Quarantine Bay boat ramp are:

1. Works may proceed with caution.
2. Any activity proposed outside of the current assessment area should also be subject to an Aboriginal heritage assessment
3. No activity including laydowns or ancillary construction parking and site offices should occur on the eastern side of the peninsula, to avoid previously recorded sites in that area.
4. If any objects are found during construction that are suspected of being Aboriginal in origin, work must stop at that location and OEH notified.

Recommendation for Blackfellows Lagoon road upgrade are:

1. No activity including road upgrades, grading, gravelling or other earthworks can occur within the identified site Blackfellows Lagoon AFT 1 until an Aboriginal Heritage Impact Permit (AHIP) from OEH to impact the site has been granted.
2. To obtain an AHIP, BVSC will require a suitably qualified heritage consultant to undertake an Aboriginal Cultural Heritage Assessment (ACHA) including consultation with the Aboriginal community. The ACHA would need to support the issue of an AHIP and be submitted with an application to OEH.
3. If the proposed work is confined to the existing road disturbance area, no subsurface testing is considered necessary but an AHIP will still be required.

The recommendations for Pambula Beach are:

1. Works may proceed with caution.
2. Any activity proposed outside of the current assessment area should also be subject to an Aboriginal heritage assessment
3. If any objects are found during construction that are suspected of being Aboriginal in origin, work must stop at that location and OEH notified.

Recommendation for Murunna Point/Camel Rock walking trail upgrade are:

1. No ground disturbing activity including importation of gravel or other materials can occur within the proposed work areas without further archaeological assessment.
2. An Aboriginal Heritage Impact Permit (AHIP) from OEH would be required to impact the sites identified.
3. To obtain an AHIP, BVSC will require a suitably qualified heritage consultant to undertake an Aboriginal Cultural Heritage Assessment (ACHA) including consultation with the Aboriginal community in accordance with the OEH *Aboriginal cultural heritage consultation requirements for proponents 2010*. The ACHA would need to support the issue of an AHIP and be submitted with an application to OEH.
4. Subsurface testing may be required for sections of the proposed works to ascertain the presence and significance of archaeological sites.
5. Plans should be amended to realign the walking trail away from the burial and there should be no lookouts, seating or other infrastructure in this area.

Bega Valley Shire Council are reminded that it is an offence under the NSW *National Parks and Wildlife Act 1974* to disturb, damage or destroy an Aboriginal object without a valid Aboriginal Heritage Impact Permit.

1 INTRODUCTION

NGH Environmental was commissioned by Bega Valley Shire Council (BVSC) to undertake a Due Diligence assessment for Aboriginal sites for seven locations proposed for upgrade of public recreation facilities. The locations are as follows.

- Bermagui River Boat Ramp
- Blackfellows Lake Boat Ramp, Kalaru
- Quarantine Bay Boat Ramp, Eden
- Bruce Steer Pool, Bermagui
- Pambula Beach Reserve
- Murunna Point/Camel Rock
- Merimbula Boardwalk

The location of each lie between Eden and Wallaga Lake on the far south coast of NSW and are shown in Figure 1.

1.1 PROJECT PARTICIPANTS

The Due Diligence assessment was carried out by qualified archaeologists Matthew Barber and Bronwyn Partell of NGH Environmental. This included background research, field inspection and the completion of this report.

The due diligence process does not formally require consultation with Aboriginal community groups. No Aboriginal groups were contacted for this due diligence level assessment. The project area is within the boundaries of the Eden, Bega and Merrimans Local Aboriginal Land Councils.

1.2 FORMAT OF THIS REPORT

This report has been drafted in keeping with the sequence of steps identified in the NSW Office of Environment and Heritage's *Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW* (OEH 2010). The Code of Practice provides a five-step approach to determine if an activity is likely to cause harm to an Aboriginal object, as defined by the NSW *National Parks and Wildlife Act 1974*. The steps follow a logical sequence of questions, the answer to each question determines the need for the next step in the process.

The progress through the steps in the Code of Practice is aimed at providing an assessment of the potential for an activity to impact either a known Aboriginal object, or whether it is likely that unrecorded Aboriginal objects are present that may be impacted. The result of the process is aimed at providing the proponent with information about the likelihood that their activity will impact an Aboriginal object and whether an Aboriginal Heritage Impact Permit may be required.

Each section below follows the relevant step outlined in the Code of Practice.



Location of Proposals

BVSC Recreation Sites

 BVSC_site_boundaries

Notes:
 - Data collected by nghenvironmental (2018)
 - Client data courtesy of BVSC, received 2018
 - Base map Copyright © Esri and its data suppliers.
 - Datum GDA 94 zone 55



A4 @ 1:400000
 Ref: Location map
 Author: M. Barber



Figure 1 Location of proposal areas.

2 GROUND DISTURBANCE

Step 1. Will the activity disturb the ground surface or any culturally modified trees?

An overview of proposed works by site is as follows:

Bermagui River Boat Ramp (Bridge Motors Reserve, Lamont Street, Bermagui)

- Replacement of the existing boat ramp with a new reinforced concrete double boat ramp;
- Installation of a finger pontoon jetty;
- Upgrade and sealing of the informal parking area;
- Upgrade of lighting.

Blackfellows Lake Boat Ramp (Blackfellows Lake Road, Kalaru)

- Replacement of the existing boat ramp with a new reinforced concrete single boat ramp;
- Upgrade (widening and sealing) of 600m of access road, including shoulder parking and car/trailer turnaround points;
- Installation of lighting;
- Installation of a finger pontoon jetty.

Quarantine Bay Boat Ramp (Quarantine Bay Road, Eden)

- Removal of the original, stepped timber jetty;
- Renewal and extension of the five finger pontoon jetty to provide adequate capacity.

Bruce Steer Pool (Posidonia Esplanade, Bermagui)

- All abilities access ramp to the water and paved accessible connections;
- Disabled car parking;
- New amenities facility plus picnic and seating areas;
- Stair and boardwalk access;
- Embankment revegetation.

Pambula Beach Reserve (Coraki Drive, Pambula Beach)

- Renewed precinct entrance and carpark upgrade;
- Improved drainage;
- New amenities facility and pedestrian links;
- All abilities play space, access and picnic area;
- Dune and embankment revegetation.

Murrunga Point/Camel Rock (Wallaga Street, Wallaga Lake)

- Construction of boardwalk (approx. 250m);
- Construction of gravel headland path (approx. 1730m);
- Construction of 3 new seats/shelters.

Merimbula Boardwalk

- Renewal and/or upgrade of existing boardwalk sections;
- Renewal and/or upgrade of existing gravel path sections;
- Installation of additional seating, signage, shelters and the like;
- Revegetation of any area disturbed during the works.

These activities potentially require significant ground disturbance through the use of heavy machinery (including access paths) and laydown areas. Any Aboriginal sites within the disturbance footprint would therefore be subject to harm. The affirmation that ground disturbance will occur requires the next step in the due diligence process.

3 REGISTER SEARCH AND LANDSCAPE ASSESSMENT

Step 2a. Search the AHIMS Database and other information sources

A search of relevant heritage registers for Aboriginal sites and places provides an indication of the presence of previously recorded sites. It is to be noted that a register search is not conclusive, as it reflects only those areas that have been surveyed and that sites recorded are added to the register. As a starting point the search will indicate whether any sites are known within or adjacent to the investigation area. The Aboriginal Heritage Information Management System (AHIMS) is maintained by OEH and provides a database of Aboriginal heritage sites registered previously. The results of the search are able to be relied upon for 12 months for the purposes of a due diligence level assessment.

As the current report covers seven different proposed works areas, multiple AHIMS database extensive searches were run to capture all necessary data. There was a total of five searches completed to cover the seven proposed works areas.

- The Eden area was searched on 31/07/2018 for Matthew Barber (Client Service ID: 361155) for the following area at Datum: GDA, Zone: 55, Eastings: 754000 - 760000, Northings: 5889000 - 5895000 with a Buffer of 50 meters.
- The Pambula Beach area was searched on 31/07/2018 for Matthew Barber (Client Service ID: 361153) for the following area at Datum: GDA, Zone: 55, Eastings: 756000 - 762000, Northings: 5905000 - 5910000 with a buffer of 50 meters.
- The Merimbula area was searched on 31/07/2018 for Matthew Barber (Client Service ID: 361152) for the following area at Datum: GDA, Zone: 55, Eastings: 756000 - 762000, Northings: 5910000 - 5916000 with a Buffer of 50 meters.
- The Kalaru / Tathra area was searched on 31/07/2018 by Matthew Barber (Client Service ID: 361151) for the following area at Datum: GDA, Zone: 55, Eastings: 760000 - 765000, Northings: 5928000 - 5934000 with a Buffer of 50 meters.
- The Bermagui / Wallaga area was searched on 24/08/2018 by Matthew Barber (Client Service ID: 366323) for the following area: Datum in GDA, Zone: 56, Eastings: 235550 - 238950, Northings: 5962800 - 5972800 with a Buffer of 50 meters.

The results of these AHIMS searches are outlined for each site below.

Bermagui River Boat Ramp:

Table 1. Breakdown of previously recorded Aboriginal sites in proximity to the Bermagui River Boat Ramp proposed works area.

Site Type	Number
Artefact	6
Midden	5
Waterhole	1
Burials	1
TOTAL	13

There are a total of 13 Aboriginal heritage sites registered in the AHIMS database within 1 km of the proposed works area at the Bermagui Boat Ramp (outlined in table 2, below). All of the registered sites are, however, separated from the proposed works area by either urban development or bodies of water. Therefore there is no risk of impact on any of these registered sites. The large majority of sites are either artefact scatter or midden deposit site types, indicating that if any previously unrecorded sites were to be encountered, they would be likely of these two site types.

Table 2. Sites within ~1km of the Bermagui River Boat Ramp Proposed Works Area:

Site Number	Site Name	Site Type	distance to project (m)
62-7-0035	Bermagui Waterhole	Waterhole / well	~85 m
62-7-0313	Bermagui Waterhole Midden	Midden	~85 m
62-7-0132	Bermagui 36/19b	Burial(s)	~215 m
62-7-0036	Bermagui	Midden	~350 m
62-7-0002	Horse Shoe Bay; Bermagui	Midden	~445 m
62-7-0014	Bermagui	Midden	~580 m
62-7-0291	BCC2	Artefact	~585 m
62-7-0305	BCC Survey Unit 5	Artefact	~600 m
62-7-0304	BCC Survey Unit 4	Artefact	~695 m
62-7-0306	BCC Survey Unit 6	Artefact	~715 m
62-7-0292	BCC 3	Artefact	~950 m
62-7-0016	Bermagui South	Midden	~950 m
62-7-0307	BCC Survey Unit 11	Artefact	~975 m



Notes:
 - Data collected by nghenvironmental 2018
 - Client data courtesy of BVSC received 2018
 - Basemap courtesy of QGIS and its data suppliers
 GDA94 Zone 56

BVSC Recreation Sites

**Berrmagui River Boat Ramp
 AHIMS sites**

Legend

-  AHIMS registered sites
-  Berrmagui River Boat Ramp Proposed Works Area

0 0.5 1 km



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 Ref: 18-328 BVSC
 Author: B Partell
 Date: 27/08/2018

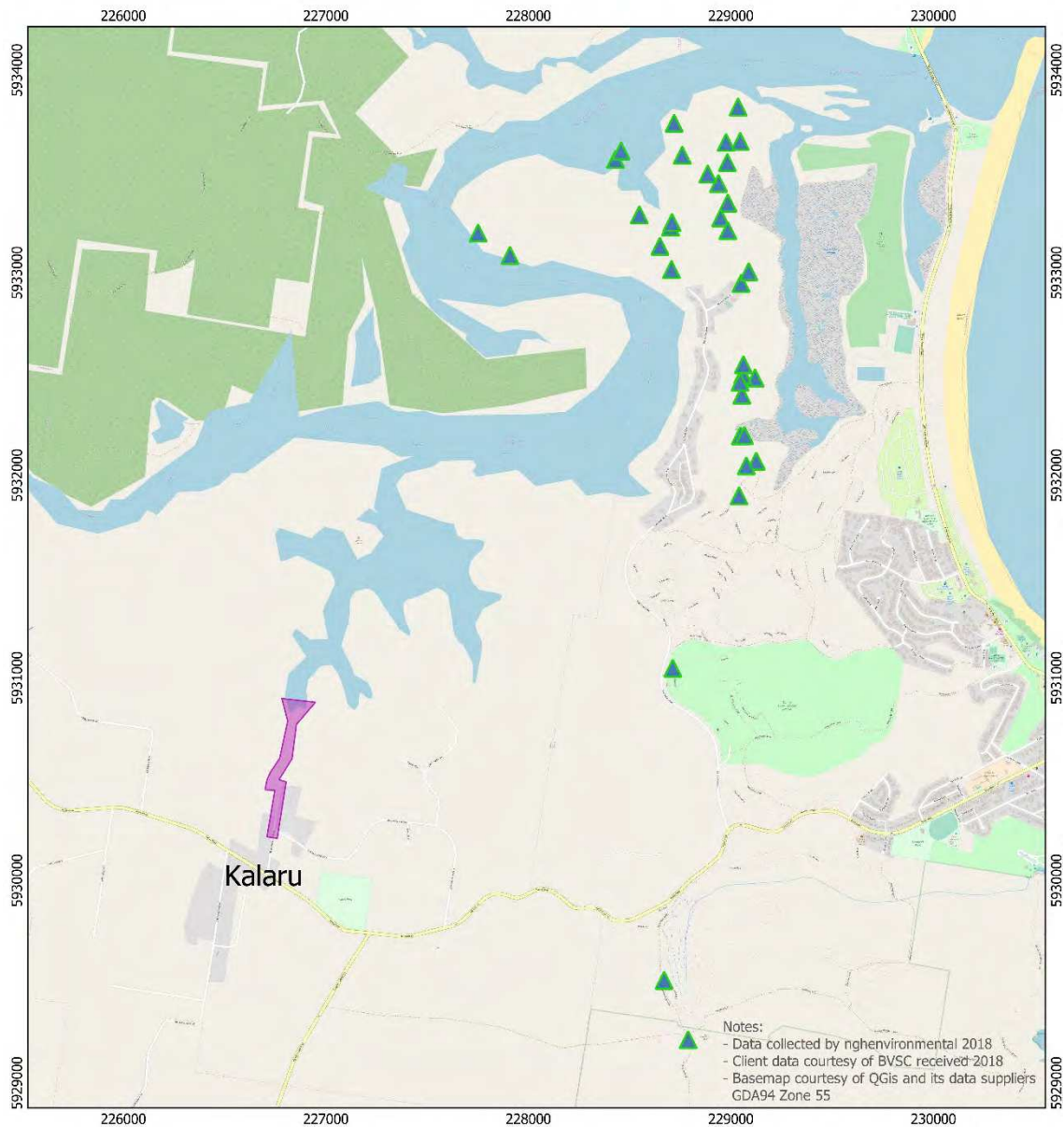
ngh environmental



Figure 2. AHIMS Site locations within 1km of the proposed works area at the Berrmagui Boat Ramp.

Blackfellows Lake Boat Ramp:

There are no Aboriginal sites registered in the AHIMS database within 1 km of the proposed works area at Blackfellows Lake Boat Ramp.



BVSC Recreation Sites
Blackfellows Lake Boat Ramp
AHIMS sites

Legend

- ▲ AHIMS registered sites
- Blackfellows Lake Boat Ramp Proposed Works Area

0 0.5 1 km

A4 @ 1:25000
Ref: 18-328 BVSC
Author: B Partell
Date: 30/08/2018

ngh environmental



Figure 3. AHIMS Site locations surrounding the proposed works area at the Blackfellows Lake Boat Ramp.

Quarantine Bay Boat Ramp

Table 3. Breakdown of previously recorded Aboriginal sites in close proximity to the Quarantine Bay Boat Ramp proposed works area.

Site Type	Number
Midden with artefacts	2
Burial in Midden with artefacts	2
TOTAL	4

There are four sites registered in the AHIMS database within 1 km of the proposed works area at the Quarantine Bay boat ramp (outlined in table 4, below). One site has been identified within 100 m of the proposed works, the midden containing artefacts on Cocora Beach to the east of the works area. Important to note is the presence of two identified burials within middens, and one other midden deposit within 1 km of the proposed works area. Based on these results the most likely site type to encounter within this works area will be shell middens, and care must be taken as such deposits in the area are known to contain human remains.

Table 4. Sites within ~1km of the Quarantine Bay Boat Ramp Proposed Works Area:

Site Number	Site Name	Site Type	distance to project (m)
63-3-0086	Cocora Beach	Midden with artefacts	~100 m
63-3-0085	Cocora Point	Midden with artefacts	~250 m
63-3-0291	Legge's Beach Burial 2	Midden Burial	~600 m
63-3-0290	Shadracks Beach Burial	Midden Burial (with artefacts)	~680 m



BVSC Recreation Sites

**Quarantine Bay
 AHIMS sites**

Legend

- Quarantine Bay Boat Ramp Proposed Works Area
- AHIMS Sites

0 0.25 0.5 0.75 1 km



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 Author: B Partell
 Date: 27/08/2018



Figure 4. AHIMS Site locations within 1km of the proposed works area at the Quarantine Bay Boat Ramp.

Bruce Steer Pool:

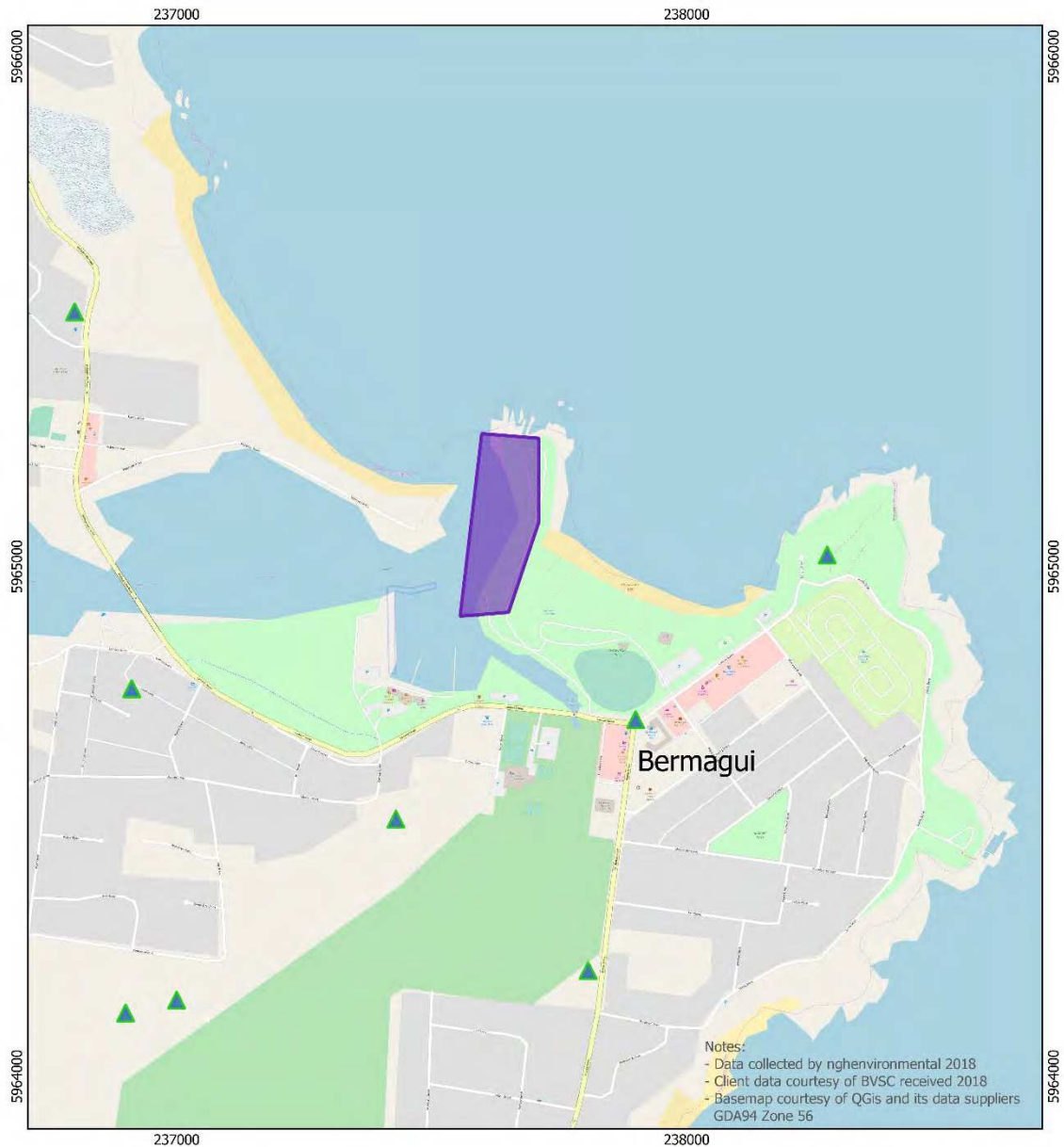
Table 5. Breakdown of previously recorded Aboriginal sites in close proximity to the Bruce Steer Pool proposed works area:

Site Type	Number
Artefact	4
Midden	3
Waterhole	1
Burial	1
TOTAL	9

There are a total of nine Aboriginal heritage sites registered in the AHIMS database within 1 km of the proposed works area at the Bermagui Boat Ramp (outlined in table 6, below). All of the registered sites are, however, separated from the proposed works area by either urban development or bodies of water. Therefore, there is no risk of impact on any of these registered sites. The majority of sites are either artefact scatter or midden deposit site types, indicating that if any previously unrecorded sites were to be encountered, they would be likely of these two site types.

Table 6. Sites within ~1km of the Bruce Steer Pool Proposed Works Area:

Site Number	Site Name	Site Type	distance to project (m)
62-7-0291	BCC2	Artefact	~420 m
62-7-0016	Bermagui South	Midden	~315 m
62-7-0373	Bermi HD	Artefact	~585 m
62-7-0035	Bermagui Waterhole	Waterhole / well	~660 m
62-7-0313	Bermagui Waterhole Midden	Midden	~660 m
62-7-0290	BCC 1	Artefact	~735 m
62-7-0132	Bermagui 36/19b	Burial(s)	~870 m
62-7-0014	Bermagui	Midden	~845 m
62-7-0304	BCC Survey Unit 4	Artefact	~935 m



BVSC Recreation Sites

**Bruce Steer Pool
 AHIMS sites**

Legend

- Bruce Steer Pool Proposed Works Area
- AHIMS registered sites

0 200 400 600 m

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 Author: B Partell
 Date: 27/08/2018

ngh environmental



Figure 5. AHIMS Site locations within 1 km of the proposed works area at the Bruce Steer Pool.

Pambula Beach Reserve:

Table 7. Breakdown of previously recorded Aboriginal sites in close proximity to the Pambula Beach Reserve proposed works area.

Site Type	Number
Artefact	1
Midden with artefacts	4
Midden	2
TOTAL	7

There are a total of seven Aboriginal heritage sites registered in the AHIMS database within 1 km of the proposed works area at Pambula Beach Reserve (outlined in table 8, below). All of the registered sites except 62-6-0183 are, however, separated from the proposed works area by either urban development or bodies of water. The midden with artefacts 62-6-0183 is the closest site registered in the AHIMS database to the proposed works area, however it is described as being on the headland past the proposed works area. Therefore, there is no risk of impact on any of these registered sites. The majority of sites are midden deposit site types (with or without included artefacts), indicating that if any previously unrecorded sites were to be encountered, they would be likely a type of midden deposit.

Table 8. Sites within ~1 km of the Pambula Beach Reserve Proposed Works Area:

Site Number	Site Name	Site Type	distance to project (m)
62-6-0183	Pambula Beach	Midden with artefacts	~240 m
62-6-0667	Lot 222 / Locale 1	Artefact	~265 m
62-6-0756	Pambula Beach 1	Midden	~635 m
62-6-0075	Pambula Lake 9	Midden with artefacts	~650 m
62-6-0463	PRMS	Midden	~835 m
62-6-0012	Severs Beach; Pambula River	Midden with artefacts	~900 m
62-6-0077	Pambula Lake 11	Midden with artefacts	~935 m

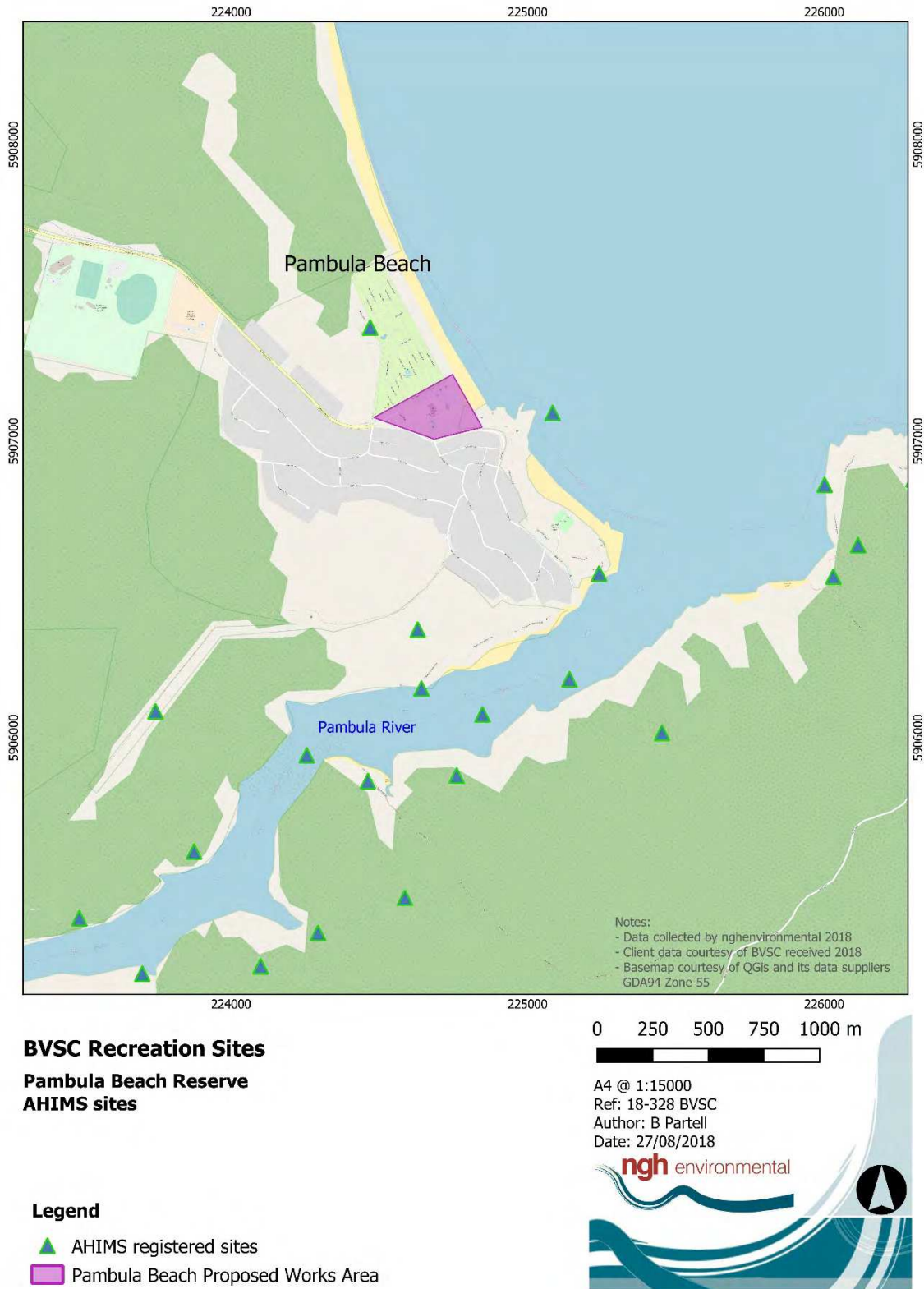


Figure 6. AHIMS Site locations within 1 km of the proposed works area at the Pambula Beach Reserve.

Murunna Point / Camel Rock:

Table 9. Breakdown of previously recorded Aboriginal sites within the Murunna Point/Camel Rock proposed works area.

Site Type	Number
Artefact scatter	3
Midden with artefacts	7
Midden	2
Midden with burial and artefacts	1
TOTAL	13

As highlighted in Table 9 (above), there are 13 Aboriginal sites registered in the AHIMS database that fall within the proposed works area at Murunna Point/Camel Rock. The site types and identification details are outlined in Table 10 (below), showing that that the majority of sites recorded are midden deposits also containing artefacts and one burial also recorded. There are also a further 8 sites located within 1 km of the proposed works at Murunna Point/Camel Rock (outlined in Tables 11 and 12, below).

Table 10. Sites within the Murunna Point/Camel Rock Proposed Works Area:

Site Number	Site Name	Site Type	Ddistance to project (m)
62-7-0017	Regatta Point; Camel Rock Beach	Midden with artefacts	Within area
62-7-0267	Murunna Point 1	Midden	On track, within area
62-7-0255	VW3	Midden	Within area
62-7-0254	VW4	Midden with artefacts	Within area
62-7-0258	VW7	Artefact scatter	Within area
62-7-0252	VW6	Midden with artefacts	Within area
62-7-0256	VW8	Artefact scatter	Within area
62-7-0251	VW9	Artefact scatter	Within area
62-7-0018	Wallaga Lake 3	Midden with artefacts	Within area
62-7-0312	Marunna Point	Midden with artefacts	Within area
62-7-0253	VW5	Midden with artefacts	Within area
62-7-0257	VW10	Burial within Midden and artefacts	On track within area
62-7-0268	Murunna Point 11	Midden with artefacts	On track within area

There are a total of 17 Aboriginal heritage sites registered in the AHIMS database within a 1 km buffer of the proposed works area at Murunna Point / Camel Rock including the 13 sites outlined above in Tables 9 and 10. The additional sites are outlined in Table 11 and are all middens with artefacts.

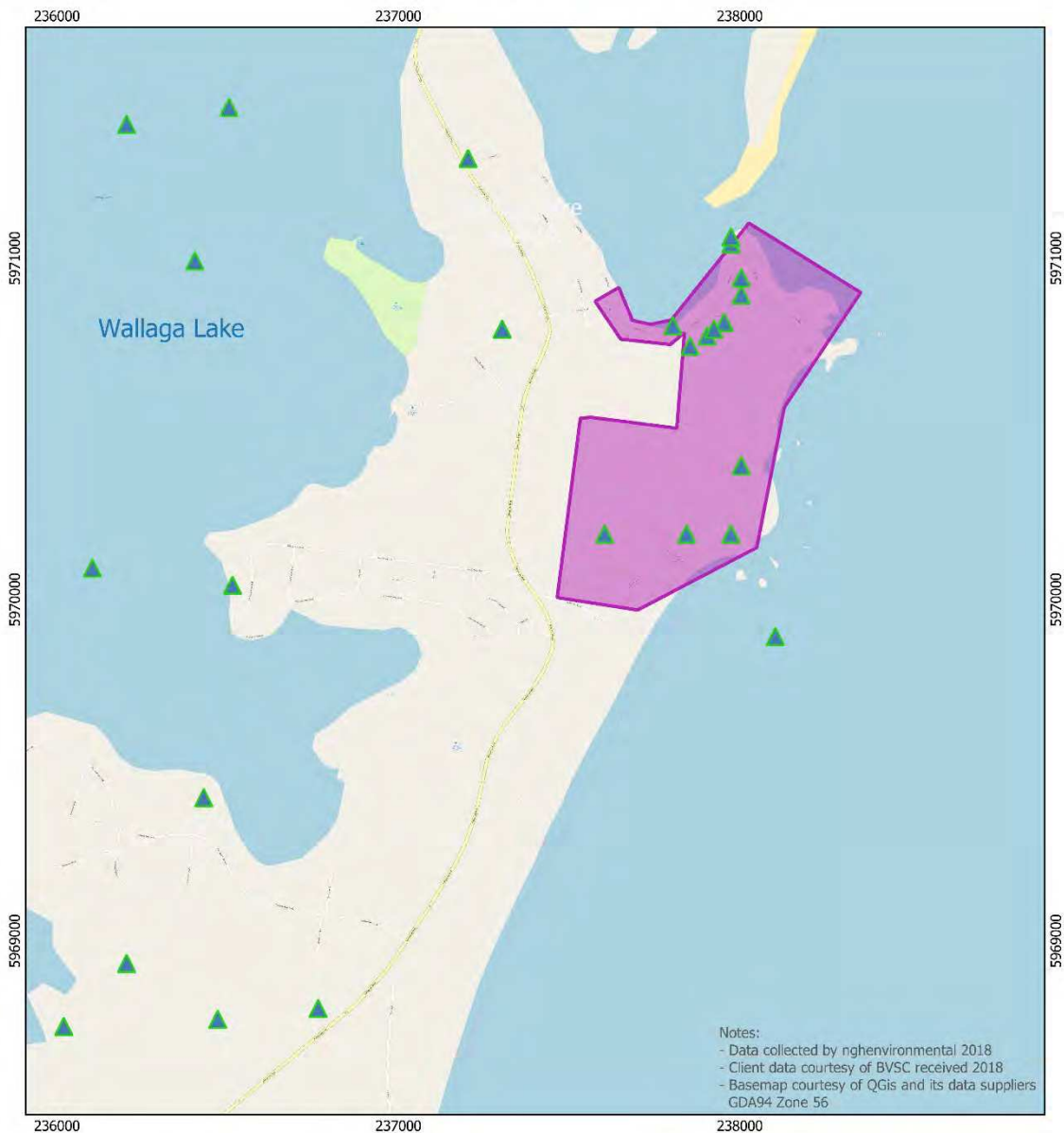
Table 11. Sites within ~1km of the Murunna Point/Camel Rock Proposed Works Area:

Site Number	Site Name	Site Type
62-7-0125	Murunna Point / Regatta Point 32/199b	Midden with artefacts
62-7-0020	Camel Rock	Midden with artefacts
62-2-0233	Brain Horsefall Property; Wallaga Lake	Midden with artefacts
62-7-0249	Beauty Point	Midden with artefacts

The AHIMS database results for the Murunna Point/Camel Rock proposed works area highlights a sensitive landscape for Aboriginal sites. The most common site type is midden deposit with artefacts (70%), with all except one midden listed containing artefacts. This evidence reinforces the trend along this section of the NSW South Coast, where the most common site types identified are midden deposits and/or artefact scatters. Although the proposed works area has already been covered by targeted archaeological investigations (including an extensive survey for the BVSC Wallaga Lake Coastal Zone Management Plan), there is some potential that previously unrecorded sites are located within the area. Changes in the visibility conditions and the survey transect locations may reveal additional sites. There is, therefore, an identified need to visually inspect the area to determine the impact zones for proposed works, and any potential impacts to the sites identified within the proposed works area.

Table 12. All AHIMS Aboriginal sites listed within 1 km of the Murunna Point/Camel Rock proposed works area (including sites within the proposed works area).

Site Type	Number
Artefact	4
Midden with artefacts	11
Midden	1
Midden with burial and artefacts	1
TOTAL	17



BVSC Recreation Sites

**Murunna Point / Camel Rock
AHIMS sites**

Legend

- ▲ AHIMS registered sites
- Murunna Point Proposed Works Area

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Date: 27/08/2018



Figure 7. AHIMS Site locations within 1 km of the proposed works area at Murunna Point / Camel Rock. Note some AHIMS sites have been converted to GDA but still plot incorrectly.

Merimbula Boardwalk:

Table 13. Breakdown of previously recorded Aboriginal sites within the Merimbula Boardwalk project area.

Site Type	Number
Midden with artefacts	3
Midden	3
TOTAL	6

As highlighted in Table 14 (above), there are six Aboriginal sites registered in the AHIMS database that fall within the proposed works area for the Merimbula Boardwalk. The site types and identification details are outlined in Table 15 (below), showing that all sites recorded are midden deposits, with half also containing artefacts.

Table 14. Sites within the Merimbula Boardwalk Proposed Works Area:

Site Number	Site Name	Site Type	distance to project (m)
62-6-0097	Merimbula Lake 1	Midden with Artefacts	Within
62-6-0099	Merimbula Lake 4	Midden with Artefacts	Within
62-6-0100	Merimbula Lake 3	Midden with Artefacts	Within
62-6-0783	Merimbula Boardwalk 1	Midden	Within
62-6-0784	Merimbula Boardwalk 2	Midden	Within
62-6-0785	Merimbula Boardwalk 3	Midden	Within

There are a total of 46 Aboriginal heritage sites registered in the AHIMS database within a 1 km buffer of the proposed works area for the Merimbula Boardwalk. This includes the six sites outlined above in Tables 14 and 15. Of the sites surrounding the proposed works area, there is a wide variety of 10 differing site types recorded. The majority are midden deposits containing artefacts, with four other midden deposit types also recorded. Tables 16 and 17 (below) outlines the details of sites within a 1 km buffer of the proposed works area (not including sites from within the works area).

Table 15. Breakdown of previously recorded Aboriginal sites within 1 km of the Merimbula Boardwalk proposed works area.

Site Type	Number
Midden with artefacts	16
Midden	3
Midden with Burial	3
Midden with PAD	3
Midden with Art	1
Artefact	7
Artefact with PAD	2
Open Camp Site with Artefact	2
Modified Tree (Carved or Scarred)	2
Burial	1
TOTAL	40

Table 16. Sites within ~1km of the Merimbula Boardwalk Proposed Works Area:

Site Number	Site Name	Site Type	distance to project (m)
62-6-0782	Merimbula Boardwalk 4	Artefact	>10 m
62-6-0789	Bimbimbie IF 1	Artefact	~10 m
62-6-0135	Merimbula Heights Estate MHE8 Merimbula	Midden with Artefacts	~30 m
62-6-0139	Merimbula Heights Estate MHE12 Merimbula	Midden with Artefacts	~30 m
62-6-0134	Merimbula Heights Estate MHE7 Merimbula	Midden with Artefacts	~65 m
62-6-0140	Merimbula Heights Estate MHE13 Merimbula	Open Camp Site / Artefact	~95 m
62-6-0141	Merimbula Heights Estate MHE14 Merimbula	Midden with Artefacts	~150 m
62-6-0544	Burial, Merimbula	Burial	~280 m
62-6-0136	Merimbula Heights Estate MHE9 Merimbula	Midden with Artefacts	~120 m
62-6-0137	Merimbula Heights Estate MHE10 Merimbula	Midden with Artefacts	~170 m
62-6-0138	Merimbula Heights Estate MHE11 Merimbula	Midden with Artefacts	~115 m

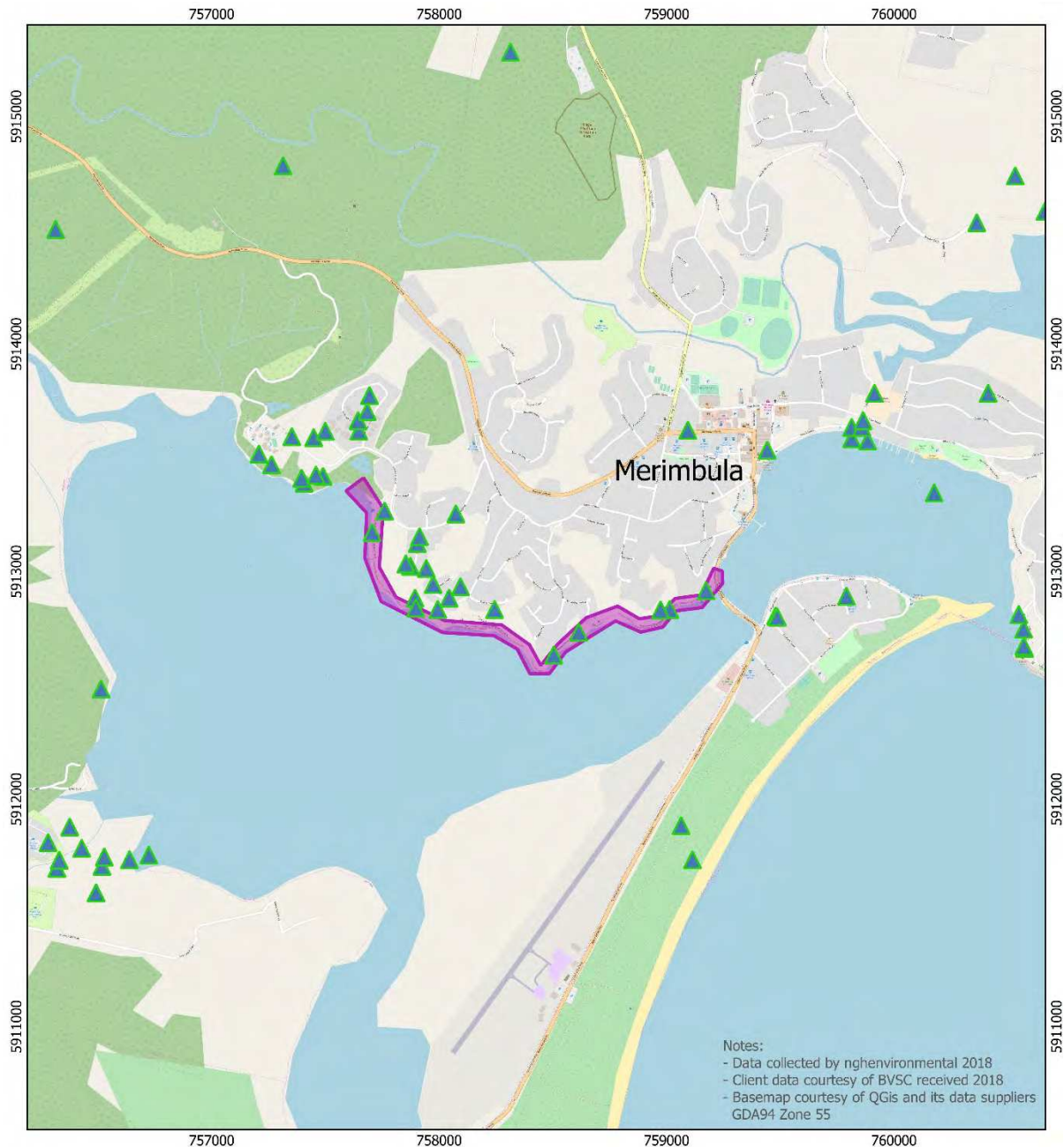
62-6-0472	Merimbula Cove 3	Midden and Art	~115 m
62-6-0473	Merimbula Cove 2	Midden with artefacts	~155 m
62-6-0474	Merimbula Cove 1	Midden with artefacts	~170 m
62-6-0142	Merimbula Heights Estate MHE15 Merimbula	Midden with artefacts	~320 m
62-6-0542	Merimbula Lake Midden - Fishpen	Midden with Burial	~280 m
62-6-0684	No. 2 Marine Pde	Artefact	~560 m
62-6-0654	Merimbula Beach Street Site 1	Midden with artefacts and PAD	~570 m
62-6-0689	Dry Cleaners	Artefact	~620 m
62-2-0014	Merimbula Creek; Merimbula	Midden with Burial	~815 m
62-6-0001	Merimbula Lake Main St	Midden with Burials (2)	~850 m
62-6-0686	Main Street 1	Midden with artefacts	~860 m
62-6-0193	Merimbula Beach 2; MB2	Modified Tree (Carved or Scarred)	~870 m
62-6-0301	Lot 15/4	Open Camp Site / Artefact	~900 m
62-6-0500	Rotary Park Merimbula	Midden with artefacts + Modified Tree (Carved or Scarred)	~1 km
62-6-0515	Merimbula Public School	Midden with artefacts	~1 km
62-6-0192	Merimbula Beach 1; MB1	Midden with artefacts	~1 km
62-6-0469	Merimbula Cove 11/A	Midden with artefacts	~120 m
62-6-0470	Merimbula Cove 10/B, 10/C	Midden with artefacts	~190 m
62-6-0694	Robyns Nest 5 (RN5) Pambula / Merimbula Cove (MC) 10/A	Midden	~200 m
62-6-0695	Robyns Nest 6 (RN6) Pambula	Midden	~150 m
62-6-0691	Robyns Nest 2 (RN2) Pambula	Midden with artefacts + PAD	~350 m

62-6-0690	Robyns Nest 1 (RN1) Pambula	Midden + PAD	~415 m
62-6-0692	Robyns Nest 3 (RN3) Pambula	Artefact + PAD	~340 m
62-6-0693	Robyns Nest 4 (RN4) Pambula	Artefact + PAD	~270 m
62-6-0632	Merimbula Cove 6/C	Artefact	~270 m
62-6-0471	Merimbula Cove 12/A	Artefact	~210 m
62-6-0533	Merimbula Cove 6/A	Midden	~250 m
62-6-0534	Merimbula Cove 6/B	Artefact	~290 m
62-6-0535	Merimbula Cove 7/A	Midden with artefacts	~360 m

The AHIMS database results for Merimbula Boardwalk proposed works area highlights a sensitive landscape for Aboriginal sites. There are a total of six sites recorded within or adjacent to the works area, and a further 40 sites within a 1 km surrounding buffer zone (making a total of 46 sites). Table 18 below outlines the combined site type data for all 46 sites. This shows a majority of midden deposit site types (70%), with the majority being midden deposits also containing artefacts (41%). This evidence reinforces the trend along this section of the NSW South Coast, where the most common site types identified are midden deposits and/or artefact scatters. As the proposed works area has already been covered by targeted archaeological investigations, there is a low potential for any previously unrecorded sites to be located. There is, however, an identified need to visually inspect the area to determine the impact zones for proposed works, and any potential impacts to the six sites identified within the proposed works area.

Table 17. All AHIMS Aboriginal sites listed within 1km of Merimbula Boardwalk proposed works area (including sites within the proposed works area).

Site Type	Number
Midden with artefacts	19
Midden	6
Midden with Burial	3
Midden with PAD	3
Midden with Art	1
Artefact	7
Artefact with PAD	2
Open Camp Site with Artefact	2
Modified Tree (Carved or Scarred)	2
Burial	1
TOTAL	46



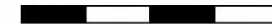
BVSC Recreation Sites

**Merimbula Boardwalk
AHIMS sites**

Legend

- ▲ AHIMS registered sites
- Merimbula Boardwalk Proposed Works Area

0 250 500 750 1000 m



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Figure 8. Results of AHIMS search for 1 km surrounding the Merimbula Boardwalk Proposed Works Area

3.1 LOCAL ARCHAEOLOGICAL STUDIES

Bega Valley Shire Council – Previous Archaeological Investigations:

Aboriginal people have utilised the resources of the South Coast hinterland and adjacent coast for the past 20,000 years (Boot 1996, 2002). Despite evidence for the Pleistocene occupation of the area at Burrill Lake, Bass Point and Wallen Creek, it is recognised that the majority of sites in the region date to within the last 5,000 years (Boot 1996). This however could be representative of a change in sea levels with the majority of the Pleistocene coastline no longer visible. The Pleistocene occupation is generally thought to have been sporadic and low intensity, reflecting the low population at the time. It was not until the mid-Holocene when sea levels reached their present level that we begin to see an increase in Aboriginal occupation of the region reflected in the archaeological record.

The project area is located in the territory of the Yuin people, of which there were several clans. The Yuin territory extends south along the coast from the Shoalhaven in the north to around Eden in the south, and inland to the eastern edge of the tablelands (Howitt 1996, Egloff et al 2005). Today, the term 'Yuin' is generally used to describe all tribes between the Merimbula and Port Jackson areas. Tindale (1974), an anthropologist and ethnologist mapped Australia by Aboriginal language groupings. The Yuin people are split into five clans or language groups, the Thaua, Djiringanj, Walbanga, Bidawal and Ngarigo. The northern portion of the BVSC falls within the Djiringanj language grouping, and from the Merimbula area heading south is the Thaua language group (Tindale, 1974). The Thaua are further split into the Katungal (sea coast people) and the Baianbal or Paienbara (tomahawk people). In addition to a rich ceremonial tradition, ethnohistorical sources indicate the diverse economy of the Yuin people. In terms of food sources or subsistence activities recorded, fish and fishing are commonly noted, in addition to the gathering of shellfish and also the exploitation of sea mammals where possible (Boot 1994, Sullivan 1982:25-27). In hinterland areas macropods and possums are the most frequently mentioned animal foods. Other animal food items mentioned include birds, honey, reptiles, dogs, grubs and bandicoots (Sullivan 1982:44). The most commonly mentioned plant foods are fruits, berries, cabbage palms and macrozamia (burrawangs), and there are references to roots and yams (Sullivan 1982:43).

The Aboriginal people of the area also had a diverse material culture, and ethnographically recorded items include; spears, both barbed and unbarbed and possibly made from two pieces of wood and pointed, clubs made of "heavy wood", bark canoes which ranged from about 7'6" to 12' in length, fishing lines and nets, stone axes, vine traps, ropes, weirs (for catching fish), bark huts, bark containers and shields, containers made from knots on trees, possum and kangaroo skin cloaks, possum fur string, items of personal adornment such as kangaroo tooth necklaces, body paint, belts and 'kilts' for ceremonial occasions, and ceremonial items such as bull roarers (Sullivan 1982:25-77, Egloff 1979). Recollections of early 20th century life at Congo, to the north of the Bega Valley Shire Council area, include observations that Aboriginal people used 'a broad track that went as far as Wallaga Lake' (in the Bermagui region) that seemed 'a highway constantly in use' (Williams 2016:10).

By the mid to late 1880's traditional Yuin life had been severely disrupted. The initial ravages of disease combined with continued and accelerated loss of access to land, particularly after the passing of the 1861 Robertson Land Acts, meant the fully traditional Yuin way of life ceased (Sullivan 1982, AIATSIS Encyclopaedia of Aboriginal Australia). Nonetheless, Yuin people adapted to European life practices while retaining a great deal of their traditional knowledge and values.

Aboriginal people have utilised the resources of the South Coast hinterland for the past 20,000 years (Lampert 1971, Boot 1996a & b). Excavations in rock shelters confirm that the hinterland has been occupied

for that period of time. Despite this evidence for the great antiquity of human occupation in the area, it is recognised that the majority of sites in the region date to within the last 5000 years (Boot 1996b:277).

The south coast of NSW has been the subject of considerable archaeological assessment over the last 25 years. This work has come in the form of academic research and more recently through the requirement to conduct impact assessment prior to land development. The number of surveys that has been conducted has resulted in a large database of recorded sites in the region. This allows for a good comparison of site types and contents along the coast from Ulladulla to the Victorian border.

The most common sites on the coastal strip are shell middens, which are numerous. They exist in a range of environmental locations and their content generally reflects immediately available resources. The middens vary in size from single eating events, to sites thousands of square metres in area. Organic material in shell middens tends to preserve well and the shell itself is able to be radiocarbon dated.

A synthesis of work carried out by the ANU between 1981 and 1994 shows that particular research program recorded 2207 archaeological sites on the south coast between Ulladulla and Batemans Bay, and inland to the Clyde River (Knight 1996). These sites comprised 1142 open artefact scatters, 678 isolated artefacts, 349 shell middens, 24 rock shelters, 11 axe grinding groove sites, and three scarred trees. 18,783 stone artefacts were recorded in this study area (Knight 1996:6).

The study shows that while middens are common on the coastline open artefact scatters are the most common site type to be found away from the immediate coastline and lakeshores, although they also occur in these locations. These types of sites are characterised by flaked stone artefacts lying in clusters on the open ground. These sites can represent overnight camps, specific manufacturing or maintenance activities, base camps or a combination of all these. Most of these artefacts were either waste flakes (debitage), or were general purpose cutting and scraping tools. There were a few types of flaked artefacts that were specially shaped, principally artefacts which are termed 'backed artefacts'. These artefacts are deliberately blunted on one edge and come in several relatively distinctive forms. They are used by archaeologists as broad temporal markers, having proliferated in the period of around 5000BP to 1500BP, although there are a few specimens dated to before and after this time bracket (Hiscock and Attenbrow 1998).

It would appear that sites of this type are generally found on ridge lines and spurs where relatively level ground is available (Treloar 1985:119), although large sites can also be found on the margins of waterways and in large river valleys (Hunt 1992:62).

Knight found that the most notable characteristic of artefact scatters in the south coast study area was the relatively small amount of variation in artefact scatter size. Peaks, riverbanks, headlands and lakeshores contained sites with the highest average number of artefacts per site, but the differences were not great (Knight 1996:31). Knight classed scatters containing between 56 and 5000 artefacts as 'larger scatters'. Other site types known for the area include:

- scarred trees, which are trees whose bark was cut away to make containers, canoes or shelters,
- stone quarries, which are a source of stone exploited by Aboriginal people,
- burials, and
- ceremonial sites which include stone arrangements, ceremonial grounds and natural / mythological sites.

The Bermagui Area

Encompassing the northern tip of the Bega Valley Shire Council (BVSC) limits, along the eastern coastline of Australia, the Bermagui area reaches up to and includes the southern and eastern shores of Wallaga

Lake and the peninsula area between the lake and the ocean. Three of the proposed works sites are within this area; the Murunna Point/Camel Rock works site, the Bruce Steer Pool and the Bermagui River Boat Ramp.

Within the Wallaga Lake lies the first Aboriginal Places to be gazetted in NSW under the *National Parks and Wildlife Act 1974*, Merrimans Island Aboriginal Place (the former Wallaga Lake Aboriginal Reserve; NPW Act Gazette number 145). Across the lake from the proposed works areas lies a cemetery that has been identified as Aboriginal, which is described and managed under the Wallaga Lake Aboriginal Mission Cemetery Management Plan 2015-2020 (Eurobodalla Shire Council, 2015). The establishment of this management plan included a GPR survey of the cemetery area that was undertaken in 2014. As a result, 240 graves (including possible graves) have been identified in the Wallaga Lake Cemetery, with evidence of middens and midden material having also been recorded through the cemetery area (Eurobodalla Shire Council, 2015). Owned by the Merrimans Local Aboriginal Land Council (LALC), the cemetery is just one site complex within a significant cultural landscape. Other significant sites in the area include the Wallaga Lake, Mount Dromedary, and the Bermagui Waterhole. Wallaga Lake (and its surrounding shores) is noted as a significant resource for the Yuin people, providing a constant source of traditional foods and medicine, with evidence from midden sites along the lake shore indicating at least 6,000 years of occupation (Peter Spurway & Associates, 2006).

Also gazetted as an Aboriginal Place under the NSW NPW Act (gazette number 182), the Bermagui Waterhole (AHIMS #62-7-0035) lies only 85m south of the Bermagui River Boat Ramp works site. This waterhole is currently surrounded by urban development, and under the management of the Merrimans LALC. The site has been identified as a significant Aboriginal Place through its use as a camping ground from pre-1788 right through into the early 1920's. It's importance as a camping location is also evidenced through the midden remains associated with the site (AHIMS #62-6-0313) which include estuarine and rocky shore shellfish, as well as stone and glass tools. The Bermagui waterhole is also recorded as a permanent freshwater source and exists as a part of a walking track along the coast between significant ceremonial sites of the Yuin language group.

In 2002, Webster and Kuskie undertook a survey of Murunna Point for proposed works to the carpark and trails across the headland. The study area covered the entirety of the headland area, at approximately 5,000m², with close to 100% coverage (Webster & Kuskie, 2002:16). Their survey recorded a total of 170 stone artefacts and 24 lithic fragments across 10 Aboriginal archaeological sites, three shell middens with no stone artefacts, four shell middens containing artefacts, and three stone artefact scatters (Webster & Kuskie, 2002: 19). All data recorded within the survey comes from within the current proposed works area at Murunna Point/Camel Rock. Webster and Kuskie (2002:27) summarise the surface archaeological integrity of the area surveyed as being of moderate to highly disturbed ground. They have also identified impacts that have affected the preservation of sites such as vegetation removal, erosion (promoted by vegetation removal, human visitation and vehicle use), pastoral activities, agriculture, focalised impacts including roads and car parks, occupational disturbance and bioturbation.

Also in 2003, Kuskie assessed the significance of the previously recorded shell midden (AHIMS 62-7-0249) at Beauty Point (Wallaga Lake), which lies to the south-west of the proposed works area at Murunna Point. This assessment determined that while the area may have retained some scientific value, the midden site only held an extremely low significance due to it's highly degraded nature from significant levels of impacts.

In 2005, ERM completed an Aboriginal Archaeological Assessment for the Bermagui-Wallaga Lake Sewerage Scheme. The survey that was conducted for this report included the residential area at Wallaga Lake Heights, adjacent to the north-west of the Murunna Point proposed works area. The survey recorded evidence of both shell middens and artefact deposits visible within erosion exposures. Varying densities of

shell material were recorded within 21 exposures identified in the Wallaga Lake villages, with five exposures containing a total of nine stone artefacts (ERM, 2005: Tables 5.2 & 5.3). All deposits were described as significantly disturbed by urban development.

In 2009, Sue Feary reported on the discovery of a previously unrecorded Aboriginal burial at Murunna Point. The burial was within a previously recorded midden deposit (#62-7-0257), becoming visible due to erosion. The site was at the end of an unofficial vehicle access track from the carpark area out to the point. A member of the public notified the police, who consequently requested Feary to confirm the nature of the remains. After examining the visible remains, which included a portion of the cranium and some teeth, Feary (2009:3) concluded that the remains were Aboriginal and likely from the pre-contact era. After consultation with the local Aboriginal community, it was decided that the remains would be left *in situ* and conservation methods would be established to prevent any further damage to the site. The site was covered with a Geotech fabric with rocks and backfill used to completely cover the deposit from view (Feary, 2009:5). The site has known management issues, with the closure of the vehicle track that runs over the eroding section of the site not accepted by locals who continued to remove any means used to block the path (gates and bollards). There was also continued erosion that caused the geofabric to become exposed and the access was used by machinery to keep the lake mouth open when it silted up.

In 2015, Dibden wrote an ACHAR for the application of an AHIP for erosion control and weed removal at the Fairhaven boat ramp on an inlet in the south of Wallaga Lake. These proposed works included foreseeable impact to a shell midden (AHIMS site #62-7-0037) which was already highly eroded. During her survey of the area, Dibden (2015:36) records eight stone artefacts, one milky quartz single-platform core, and seven flake fragments. Only one silcrete fragment was identified, one brown quartzite flaked piece, one of an unidentified raw material, and four milky quartz fragmented flakes (Dibden, 2015:36). Results from the survey conducted indicate a highly disturbed landscape with road construction, recreational activities and general use of the area has left no original topsoil intact, with no stratified portion of the midden deposit remaining *in situ* (Dibden, 2015:34).

Within the Bermagui area, culturally significant sites include burials, stone arrangements, sacred or scarred trees, bunan ground, several midden sites and lithic deposits. Murunna Point, (the location of proposed works including a boardwalk, gravel path and seating), is identified as a sacred place to the Yuin people within the BVSC Wallaga Lake Coastal Zone Management Plan.

The Tathra / Kalaru Area (Blackfellow's Lagoon)

Within the Tathra/Kalaru region there is one proposed works area at Blackfellows Lagoon boat ramp. While there are no records of archaeological investigations within the immediate vicinity, there have been a number of archaeological investigations within the wider region. Within the Tathra/Kalaru region, culturally significant sites include burials, ceremonial sites, scarred or modified trees, lithic deposits, rock shelters, and midden sites.

Evidence of the significance of the Mogareeka-Moon Bay area remains in the form of a Bunan ground, which consists of raised rings of stones used in male initiation ceremonies. A rock shelter with occupation deposits is located nearby (Byrne 1983). Other types of archaeological sites recorded or likely to be present include burials, which are typically found when exposed in aeolian sands. Isolated stone artefacts can occur anywhere in the landscape and may represent the random loss or deliberate discard of artefacts, or the remains of dispersed artefact scatters. Scarred trees may still occur in areas containing vegetation which contains trees of sufficient age.

The suite of archaeological sites recorded in the Tathra River Estate area, about 3 km to the north east of Blackfellows Lagoon includes large artefact scatters, most of which contain subsurface deposits, and a small

shell midden. Such high densities of Aboriginal sites, in particular stone artefacts, reveal a potentially intensive use of resource rich areas. The area at Tathra includes a section of the Bega River and Black Ada Swamp, with sites situated on high ridges and spur crests overlooking these resources. The distribution of sites indicated that Aboriginal people had a preference for such areas for camping and also shows intensive Aboriginal activity in this part of the coast and hinterland (Williams and Barber 1993, 1994).

The Merimbula and Pambula Beach Area

There has been extensive archaeological work undertaken along the south coast generally concentrated around Merimbula, Bournda, Widgeran and Bega. Within this region are two of the proposed works areas; the Merimbula Boardwalk site and Pambula Beach Reserve. The Pambula Beach Reserve proposed works location has been included within this area as it sits at the southern point of Merimbula Bay. In the general vicinity of the proposed works on the Merimbula Boardwalk there have been a number of studies undertaken. The major relevant studies around Merimbula and Pambula Beach are summarised below.

Sullivan conducted survey and excavation on the margins of Pambula and Wagonga Lakes as part of her PhD research. As part of her research into shell middens in the coastal landscape she resurveyed parcels of land and middens that had been originally investigated by Anderson in the late 19th century. Of the middens recorded by Anderson around Wagonga Lake, most had been disturbed and Sullivan estimated that of the material recorded approximately 10% survived at Wagonga Lake and 95% survived at Pambula Lake (Sullivan 1982:165-188). Sullivan also recorded two middens associated with Back Lagoon. Sullivan conducted an excavation in a midden at Pambula Lake that returned a basal date of around 2700 ± 175 BP and with subsequent dates indicating intermittent occupation up to the contact period (Sullivan 1982, p.199).

The vast majority of the shell recovered by Sullivan comprised of estuarine species with lower units being dominated by Mud Oyster, the middle levels being dominated by Hairy Mussel and Mud Oyster and the upper levels being mainly Common Edible Mussel and Hairy Mussel. It was estimated that the midden contained in the order of 36,000 individuals per cubic metre of deposit. Also included in the midden were stone artefacts, bone and ochre. The bone included bird bone, various marsupials and sea mammals although most of the bone was fish bone. Twelve species of fish were identified including Snapper, Bream, Leatherjacket, Wrasse, Nannygai, Mullet, Jewfish, Sergeant Baker, Morwong, Whiting, Rock Cod and Flathead. The stone artefacts included backed pieces in the lower levels, and a change to a quartz dominated assemblage occurred at around 1900 BP (Sullivan 1982, pp.213–237).

In 1982 Hughes conducted an archaeological survey of the proposed Merimbula Waterslide. The study area was 24 hectares of hilly country that comprised the crest and upper slopes of a ridge and a steep drop Merimbula Creek. Hughes used a gradient map and surveyed areas in the 0-10% slope class. He located a single open artefact scatter containing four artefacts (Hughes 1982).

In 1983 Hughes conducted a survey of the Merimbula Heights Estate, a tract of land that fronts the northern shore of Merimbula Lake. He recorded nine sites including eight middens and an artefact scatter. The middens were found in various topographic locations around the foreshore of the lake and varied in nature from discontinuous scattered material to discrete middens with identifiable mounds. Some of the middens covered a large area, up to around 3000 square metres and were composed mainly of estuarine species. The artefact scatter was located along a track and comprised 46 stone artefacts. The lithologies recorded were acid volcanic material (n=36), quartz (n=9) and silcrete (n=1) (Hughes 1983). A number of these sites are in proximity to the current Merimbula boardwalk assessment area.

In 1989 Navin conducted an archaeological assessment of three alternative routes for Princes Highway Merimbula Bypass. The study corridor was 2 km long, approximately 400 metres wide and crossed

Millingandi Creek. Seven archaeological sites were located during this study. Two were located on the north side of Millingandi Creek on ridge spurs, one on the north bank of Millingandi Creek, and four on elevated terraces at the edge of the Millingandi Creek flood plain. All the sites were artefact scatters the largest of which was 21 artefacts found on the edge of a terrace. The material recorded was predominantly quartz, rhyolite and silcrete (as cited in Barber 1998).

In 1997, Purcell surveyed the southern headland of the Pambula River mouth, and associated access tracks to both Barmouth and Shelley Beaches. Four archaeological sites were located and described within this study (Purcell, 1997: Table 5). Three shell middens were recorded, predominantly containing the mud oyster *Ostrea angasi* and gastropod species. Two of these middens were also recorded containing lithic artefacts if quartz, silcrete and rhyolite. Also recorded was one artefact scatter, containing four quartz flakes <7 mm (Purcell, 1997: Table 5).

In 1998 Williams conducted a survey of a 7.2-hectare area of land fronting the northeast section of Back Lagoon to develop the land as a health retreat. He surveyed the area concentrating on the main spur and recorded one Aboriginal artefact scatter. The site consisted of three stone artefacts located on a spur crest over an area of 15 m. All artefacts were flakes made of purple rhyolite (Williams 1998).

In 1998 Barber surveyed Lot 15A, 22 Beach Street Merimbula approximately 1 km east of the current assessment area. The two stone artefacts previously noted in the area were unable to be relocated and no additional stone artefacts were found. Shell material (estuarine and rocky shore shellfish) was identified across the disturbed topsoil of the property however no dense concentrations of shell were found, with the material likely a part of a midden that was extensively disturbed (Barber 1998).

In 2000 Kuskie and Gutierrez conducted a survey of the ten hectare Merimbula Cove property located on the northern shores of Merimbula Lake. A total of six sites were located including middens, an artefact scatter and an isolated stone artefact. The stone artefacts were manufactured from locally available rhyolite and quartz material. The sites were tethered to level to moderate sloping simple slopes and spur crests within 100m of the lake margin (as cited in Dibden 2009).

Oakley (2000) examined a house lot at 16 Main Street Merimbula where shell had been identified. Oakley was not convinced of the Aboriginal origin of the shell, despite it being bleached and of the edible estuarine species, due to the level of disturbance of the area. However, it was noted that there was potential for *in situ* deposits to exist below the imported fill layer.

In 2002 Kuskie surveyed six hectares of the proposed Lakewood residential development on the northern shore of Merimbula Lake. No Aboriginal sites were recorded and this result was explained to be a factor of the steepness of the hill slopes and accordingly the low archaeological potential of the area (as cited in Dibden 2009).

Shell material and artefacts were recovered from excavations undertaken at the Merimbula Public School on Main Street (Wheeler et al. 2003). Excavations and monitoring of ground disturbance found that while there were areas that had been disturbed through topsoil extraction and that fill had been spread across the area to varying depths, intact cultural horizons were still present. Stone artefacts were found wherever the remnant A horizon was still present, and in one area (Area C), shell midden material was also identified. Hundreds of artefacts were recorded from the excavations, with density varying but the results clearly showed despite extensive disturbance of the deposits over the historic period, archaeological material survived relatively intact. In particular, where the A horizon soils consisting of brown to dark grey to black humic silty sands occurred, archaeological material was present.

In 2004 Oakley conducted an assessment of the Carrington Development at Merimbula (on the barrier dune system between Merimbula Lake and the ocean) following the discovery of a midden material during

monitoring works at a development site by Eden LALC representatives. The midden was found to be relatively undisturbed and comprised of estuarine species. Stone artefacts were also recorded. Aboriginal skeletal remains were also subsequently recorded at the site (as cited in Dibden 2009).

In 2005 Kuskie surveyed the proposed Bega Valley Shire Council works at Rotary Park, Merimbula on a bedrock hill above the sand flats of Merimbula Lake. He located 110 stone artefacts and some dispersed midden material. A previously recorded scarred tree was considered to more likely be of natural origin rather than cultural (Kuskie 2005).

In 2005 ERM Australia surveyed approximately four kilometres of proposed pipeline between the Merimbula sewage treatment plant and Oaklands farm and an area proposed for a storage pond at Oaklands. No Aboriginal objects were identified during the survey. The proposal areas were assessed to generally be of low archaeological sensitivity (ERM 2005).

In 2005 Dibden conducted a survey at Millingandi for the redevelopment of a caravan park. The area was located adjacent to Merimbula Lake and included an elevated flat landform and bedrock slopes. A number of stone artefacts were recorded in exposures and a program of subsurface test excavation was undertaken that revealed a high density and consistent distribution of stone artefacts across the entire area (as cited in Dibden 2009).

In 2006, Hughes and Sullivan conducted an archaeological assessment for a proposed upgrade to the Barmouth carpark and walking tracks adjacent to the Pambula River (encompassing the headland to the south of the river mouth). The survey was conducted in three sections, with the raw material, artefact type, and dimensions recorded (Hughes and Sullivan, 2006: Table 4). The first survey section encompassed the ridge crest and had one flaked silcrete piece, as well as two broken quartz flakes. The second section covered the shoulder of the headland, with two broken silcrete flakes, one quartz flake with minimal edge damage, and a broken acid volcanic flake (likely rhyolite) recorded. The final portion of the survey covered the lower slopes, recording only one broken flake of acid volcanic nature (likely rhyolite). Hughes and Sullivan conclude by determining the area a low potential for any subsurface archaeological deposits.

In 2006 Dibden carried out an archaeological investigation of a property on the corner of Beach and Alice Streets, known as Merimbula Plaza (as cited in Ironbark Heritage and Environment 2013, 2014). While excavating for footings as part of a building extension within a courtyard area, shell was noted in one of the trenches. After an inspection by the Department of Environment and Conservation (DEC), Dibden was contracted to undertake an archaeological investigation and assessment. Dibden (2006) identified four layers in the soil profile in trench 1 (2.6 m x 1.45 m x 0.7 m). The upper surface unit consisted of obvious fill material and building debris to a depth of 30-50 mm; a laminated sandy silt layer, most likely imported, containing small round pebbles and a metal knife, to a depth of 180 mm; a grey silty sand containing edible species of shellfish, Sydney cockle (*Anadara*) and mud whelk (*Pyrazus*) with two distinct lenses of shell in the east section, the upper lens crushed and the lower one with mostly whole shell, to a depth of 550 mm; and a mottled yellow and dark brown sand with no other material to the base of the trench at 700 mm (as cited in Ironbark Heritage and Environment 2013, 2014).

Dibden noted that within trench 2, there was a thin layer of recent building debris, underneath which shell was present in both disturbed and apparently undisturbed deposits within the trench. The cockle shell was found to be scattered but within the grey silty sand layer situated close to the top of the profile. Trench 3, the closest trench to Beach Street, contained scattered and isolated pieces of shell in a grey silty layer. Stone artefacts were observed in spoil material that may have come from trench 1 and scattered shell and three stone artefacts were observed in deposits outside the property in exposed ground along a boundary fence. This material was found in a light grey sandy deposit which also contained scattered fragments of cockle shell (as cited in Ironbark Heritage and Environment 2013, 2014).

Dibden subsequently undertook salvage excavation of the site at Merimbula Plaza. Excavations revealed that while the upper levels of the deposit had been disturbed with modern building rubble over an imported fill material, there was intact shell midden and *in situ* stone artefacts present across the site. Midden material consisted mostly of estuarine species such as cockle, mud whelk and rock oyster (*Saccostrea*). All of these species are readily obtainable from Merimbula Lake (as cited in IHE 2013 and 2014). Dibden concluded that despite the previous ground disturbance the site contained substantial areas of deposit with vertical integrity. The site was also considered likely to extend beyond the boundaries of the 15 m x 15 m area of her investigation, in particular to the west and south (as cited in Ironbark Heritage and Environment 2013, 2014).

In 2007, Dibden conducted a subsurface test excavation of Lot 22 Deposited Plan 1090501 on Pambula Beach Road, Pambula. The investigation was undertaken via 15 augur holes which were placed throughout the study area. Out of the 15 augur holes, 14 were found to contain lithic artefacts to a combined total of 246 artefacts (Dibden, 2007: Table 2). While the results indicate a large subsurface deposit, they were not consistent with nine of the augur holes bearing less than 10 artefacts. The average artefact density recorded in this study is 58 artefacts per square metre. Dibden (2007) concludes that the deposit investigated is of a low/moderate archaeological significance.

In 2009 Dibden undertook an Aboriginal archaeological assessment of test bores sites associated with the proposed dune exfiltration project at Merimbula. The study area was situated opposite the Merimbula Airport in the dunes that form the Merimbula Bay Barrier. The area was part of reserve/vacant land to the north of Boyd National Park. No Aboriginal objects were recorded in the proposed impact areas during the field inspection. Dibden noted that the potential for subsurface stone artefacts and shell midden material was considered to be low however the potential for Aboriginal skeletal material and burials in the Merimbula Bay Barrier landform was high (Dibden 2009).

In 2013 Ironbark Heritage and Environment (IHE) undertook a due diligence assessment for the proposed Twyford Hall Theatre Development (Ironbark Heritage and Environment 2013). The development area was located in the north-eastern sector of the existing Twyford Hall allotment at the corner of Market and Beach Streets in Merimbula. It was recommended that prior to any construction activity commencing that the presence and significance of any remnant archaeological deposits should be assessed through a program of subsurface testing.

IHE (2014) subsequently undertook subsurface testing with six test pits excavated. Masonry pavers/bricks were lifted and sections of concrete pathways were cut and removed to provide access to the deposit below. Examination of the deposit supported the broad three-fold deposit profile established by Dibden in 2006 for the adjoining Merimbula Plaza property comprising Group A - Historic and Recent Construction Deposits, Group B – Midden Deposits, Group C – Sub-Midden Soils and Beach Sands. Despite the prior disturbance in the area the subsurface testing program revealed that there were undisturbed stratified deposits with *in situ* cultural material present.

Of the six test pits excavated five contained stone artefacts with a total of 59 flaked artefacts recovered (Ironbark Heritage and Environment 2014). The vertical distribution through the deposit profile shows that artefacts were retrieved from spits associated with Group A and B horizons and spits associated with the mixed subsoil profile transition between group B and C horizons. The highest density of artefacts was retrieved from spits associated with the base of the group B horizon and the mixed transition deposit between Group B and C horizons. Quartz was the dominant material identified in the assemblage. Three of the five test pits contained varying amounts of shell. The shell assemblage retrieved from the excavation comprised overwhelmingly disarticulated shell of species and size that were targeted for consumption by Aboriginal people. Cockle (*Anadara* sp.) and Mud Oyster (*Ostrea*. sp) dominate the shell assemblage and

all shells present are typically identified in Aboriginal middens in the region including the midden excavated on the property adjoining the subject area. The sub surface investigation confirmed that the midden site AHIMS # 62-6-0654 recorded on the adjoining property to the east continues in the sub surface deposits of the Twyford Hall courtyard area. Although no human remains were found during the excavations, the presence of remains could not be discounted, given the previous history of human remains found in Merimbula (Ironbark Heritage and Environment 2014).

Consequently, previous research in the region suggests that archaeological sites in coastal environments are most likely to consist of shell middens and stone artefact scatters. Locations of higher archaeological potential are suggested to be in areas associated with water, with high resource availability, along relatively level elevated ground and on rock ledges in association with the highwater mark. Burials are also known to occur within shell midden deposits in coastal regions. At Merimbula, a number of burials have been recorded, including at a house site on Main Street and at the Carrington development site on the barrier dune system between the ocean and Merimbula Lake. Consequently, there is potential for additional human remains to be located anywhere in the Merimbula area where shell midden and artefact deposits remain. Merimbula Lake and its surrounds have been noted to be an area of intense Aboriginal cultural activity and the remnant cultural material evidence of this occupation holds significance to local Aboriginal people. In particular, high significance is attributed to any human remains.

The Eden Area

Within the Eden area lies the proposed works site for the Quarantine Bay boat ramp. Navin Officer Pty Ltd (2000) conducted a Cultural Heritage Assessment at East Boyd Bay, which is the opposing side of Twofold Bay to the Quarantine Bay boat ramp. Subsurface testing was completed on the proposed site of the Naval Munitions Storage Facility (NMSF), investigating an identified area of potential archaeological deposit. Out of the 27 test pits hand-excavated during the investigation, 24 were recorded containing lithic artefacts to a total of 572 artefacts. This lithic assemblage was categorised by stone material into five geological types; quartz (42% of assemblage); chert (35%); silcrete (19%); quartzite; and ochre. These lithics were largely identified as debitage from primary bipolar flaking of quartz cores and the fashioning of spear barbs, representing standard knapping methods and techniques from this region (Navin Officer, 2000). Navin Officer (2000) conclude that the material evidence is indicative of occasional activity concentrated around the crestline and headland, as opposed to sustained camping.

The Bundian Way, an historic pathway between Mt. Kosciuszko and Fisheries Beach (Twofold Bay) connecting the highest point on this continent with the coast (and associated resources including whaling), was surveyed in 2010-2011 by John Blay and the Eden LALC. This survey has resulted in the route, which is possibly over 40,000 years old, being listed on the NSW State Heritage Register. Stage 7 of the survey covered the area from Bilgalera (Fisheries Beach) up to Eden, describing the area as having 'frequent and very large middens and artefact scatters' (Blay & Eden LALC, 2011). The Bundian Way has been listed on the NSW State Heritage Register as a 'rare surviving ancient pathway used by Aboriginal people over thousands of years linking the high country at Kosciuszko and the coast at Eden' (NSW State Heritage Register listing 01906).

The previous research available from this area indicates that it follows the trend along the south coast of NSW, with predominant site types being midden and artefact deposits.

Archaeological Potential within the Proposed Works Areas:

Based on the presented literary review, the area encompassed by the BVSC along the south coast of NSW predominantly features two site types; middens and lithic artefact scatters. While human remains have been identified within deposits around the region (particularly around the Merimbula area and at Wallaga

Lake), lower numbers of these site types have been recorded. The following site predictions have been made:

Middens

These deposits are predominantly comprised of shell, with some also containing stone artefacts, human remains, and/or bone. They are the most commonly recorded site type within the area, with the location and environment being a determining factor for species variation. Midden sites around lakes will have a dominant composition of estuarine species, while rocky-shore platform species are found in higher concentrations along the coastal and headland contexts.

There is potential for midden sites to occur within the proposed works areas, particularly at Murunna Point/Camel Rock, Merimbula and Pambula Beach.

Stone Artefacts

Stone artefacts can be located on the surface, or within subsurface deposit contexts. The most common raw materials utilised for stone tool manufacture within this region are quartz and silcrete, with evidence of numerous volcanic lithics also identified. Stone artefacts have been widely recorded throughout the region, with Dibden (2009) suggesting it is environmental factors that determine significant density variations evident between deposits. She goes on to suggest that flat land at an elevated height, within approximately 100m of a reliable freshwater source (high order stream), a higher density and complexity can be observed in stone artefact assemblages (Dibden, 2009:19).

The detection of these deposit types is largely dependant on ground surface conditions, with prior ground disturbance, vegetation cover, and sedimentation levels effecting the visibility of archaeological deposit bearing soils. Stone artefact assemblages have been recorded along all landscape features in this region of the south coast, indicating a potential for these site types to occur within the proposed works areas, either as artefact scatters or within midden deposits.

Grinding Grooves

Grinding grooves are created on exposed sandstone rock surfaces, however given the absence of such geological formations within the proposed works areas, it is unlikely that this site type would occur.

Burials:

Aboriginal burial sites have been identified within the region (in particular around the Merimbula area) and at Murunna Point. These site types are generally only visible in disturbed deposits, whether disturbed through natural erosion or human activity. This being the case, the majority of human burials along the south coast area are found in highly disturbed settings and out of archaeological context. While two relatively intact burials have been recorded at Murrumarrang (Dibden, 2009) and Wonboyn Beach (Bowdler, 1982), it is rare to locate undisturbed burial sites with an associated archaeological context.

There is potential for burial deposits to occur within the works areas, most likely within a midden context.

Rock Shelters:

These site types occur in a variety of formations, with the common feature being a vertical faced rock profile incorporating a rock overhang. Rock shelters will often contain further archaeological deposits within, including middens, stone artefact scatters, human burials, and rock art.

The proposed works areas are devoid of any appropriate rock features, with no large vertical rock outcrops identified with any outcropping components. Therefore, there is a low potential for these site types to occur within the proposed works areas.

Scarred or Carved Trees:

Formed as a result of Aboriginal people removing sections of bark from trees, these site types have been identified within the wider region of the south coast surrounding the proposed works sites. Scars are formed as a result of Aboriginal people removing sections of bark to create a variety of items. These site types have been classified by Dibden (2009) as being more likely to occur on low gradient or flat areas of land, close to either ceremonial or habitation sites.

Generally speaking, the preservation of scarred trees in this area is dependent on their identification and subsequent conservation/protection, however these site types can occur in any environment where trees of a sufficient age are present. The extent to which land within and around these proposed works areas has been cleared by differing factors (for example; bushfires, urban development and general land clearing) indicates a low potential for these site types to occur within the proposed works areas.

Stone Quarry and Procurement Sites:

Hiscock & Mitchell (1993:32) describe a stone quarry or procurement site as the location in which a stone source has been exploited. These site types will only occur along rock outcrops of suitable lithic materials and bear evidence of extraction and preliminary flaking. The landscape geology of this region does not provide many rock sources suitable for quarry sites, making them a rare site type to occur. It is highly unlikely for this site type to occur within the proposed works areas.

Water Hole Sites:

These site types were used as locations for tool manufacture and maintenance, and a possible source of freshwater (for drinking). These occur in natural hollows which were in some cases enlarged, modified, or linked to a network of hollows within an exposed rock surface using axe heads or similar larger tools. There is an identified water hole within 85 m of the Bermagui Boat Ramp proposed works site, indicating a potential for this site type to occur in the region, however the evidence collected in the desktop review indicates a low potential for a previously un-recorded water hole to be located within the proposed works areas.

Ceremonial Ground:

Aboriginal ceremonial places are also known as Bunan grounds. Often meeting places and/or the location of specialised ceremonies (such as initiation ceremonies), these sites reflect the spiritual beliefs of the Aboriginal people using them. Often detected more concisely from aerial imagery, these sites will often feature markings made manually on the ground surface (commonly two connected circles identified by raised earth banks). There are corroboree sites recorded within the Bermagui area, which are often characterised by a singular raised circle in the ground surface. While this site type has been identified within the region, the potential for new or unrecorded sites within the proposed works areas is low.

Step 2b. Are there undisturbed landscape features likely to contain Aboriginal objects?

The Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales outlines a range of landscape features that have higher potential to contain Aboriginal objects. It is also necessary to consider whether there are landscape features of undisturbed land that may contain Aboriginal objects. These include land that is:

- within 200 m of water,
- located within a sand dune system,
- located on a ridge top, ridge line or headland,
- located within 200 m below or above a cliff face, or
- within 20 m of a cave, rock shelter or cave mouth.

As outlined above, Aboriginal heritage sites have been recorded in the district, with two of the proposed works locations including sites within the boundaries. Based upon the initial desktop assessment, using satellite imagery and topographic data, it appears that there is a differing potential for Aboriginal Cultural Heritage to occur across the proposed works areas. The archaeological potential for each work area is summarised in table 21 below.

Table 18. The archaeological potential for each proposed works area as determined through the desktop assessment.

Works Area:	Registered sites within (Y/N)	Archaeological Potential
Murunna Point/Camel Rock	Yes	High
Bruce Steer Pool	No	Low
Bermagui River Boat Ramp	No	Low
Blackfellows Lake Boat Ramp	No	Moderate
Merimbula Boardwalk	Yes	Moderate to high
Pambula Beach Reserve	No	Low to moderate
Quarantine Bay Boat Ramp	No	Low

Based upon the previous archaeological investigations of the area and currently recorded AHIMS sites there is potential for a range of site types, in particular midden deposits (including those containing artefacts and/or burials), artefact scatters, isolated artefacts and burials. Scarred trees, occupation sites, and ceremonial and dreaming sites also have potential to occur within the proposed works areas.

The desktop assessment therefore, indicates that there are landscapes present within the project areas that have the potential to contain Aboriginal sites. The nature of the works being undertaken at these sites will involve significant ground disturbance and it is therefore important that a visual inspection be undertaken.

4 IMPACT AVOIDANCE

Step 3. Can any AHIMS listed objects, or landscape features be avoided?

The proposed works areas are situated at multiple water access locations along the south coast of NSW, within the Bega Valley Shire Council. As all of these proposed works areas are within 200 m of water, all landscapes have been identified as sensitive locations for Aboriginal Heritage sites. As such is it unlikely that any of the landforms can be avoided by the proposed works. The desktop assessment alone is not sufficient to conclusively appraise the archaeological potential of the landscape or the location of any sites, the next step in the process, a visual inspection, must be conducted to properly appraise the presence and potential for Aboriginal sites to occur.

5 DESKTOP ASSESSMENT AND VISUAL INSPECTION

The assessment process is primarily a desktop exercise, using available information such as the AHIMS search results and relevant archaeological reports that have been previously completed in the area. Visual inspection is also required where undisturbed landscape features are present that may contain sites.

5.1 BERMAGUI RIVER BOAT RAMP

The edge of the Bermagui River at this location has largely been impacted through the construction of the existing boat ramp but also through placement of concrete block paving along the edge of the river bank on the eastern side of the ramp (Plate 1) and some rock walling on the western side of the existing ramp. This has reshaped the natural surface of the bank and the grassy area behind it. There is an existing sealed carpark adjacent to the boat ramp with a large (30 m x 30 m) area of bare ground most likely used as a turn-around area or overflow parking (Plate 2) on slightly higher ground to the west.

This exposure provided an excellent opportunity to assess the ground surface and the potential for any Aboriginal cultural material to be present. The area was on a slight rise but consisted of a clayey deposit with rill erosion showing a continual clay substrate. It was sparsely covered in imported gravels and some remnant bitumen possibly indicating it was once sealed. Visibility within this area was excellent at about 75% effective visibility but no stone artefacts or shell material indicating midden was observed. It is not considered likely that subsurface cultural material would be present within the area identified for the boat ramp upgrade or the sealing and formalising of the carparking area.

While the Bermagui waterhole site is only about 80-100m to the south of the proposed boat ramp upgrade, it would not be affected by the proposal. While the location of the proposed works may once have been an ideal location for a campsite with midden and artefacts, it is considered that the disturbance and modification of the area has likely removed any site that may have been present.



Plate 1. View west along edge of river to boat ramp.



Plate 2. View south to large eroded carpark extension.

5.2 BRUCE STEER POOL

The Bruce Steer pool area appears to be largely man-made. The natural river bank forms the eastern side of the pool and a breakwater has been constructed northwards from a natural bend in the river bank (Plate 3). There is a small sandy beach, between the rock wall and the natural river bank with the car park constructed on largely reclaimed land behind the rock wall forming the current bank of the eastern side of

the river. The existing toilet block is on top of the approximately 4 m high natural eastern bank, although the construction of the toilet block and the associated concreted path and stairs leading to the pool has greatly disturbed the natural ground surface (Plate 4).

The sandy deposits extending from the car park north to the edge of the pool are not considered to comprise intact natural sand deposits, they appear to be largely made from yellow beach sand and therefore most likely have been imported into this area. The proposal therefore, to construct an all abilities access ramp across the sand to the pool and to modify the carpark to include disabled parking is unlikely to impact of natural ground surfaces and therefore has negligible potential to impact on Aboriginal heritage objects.

The removal of the existing toilet block from the top of the high bank is also unlikely to impact Aboriginal objects as no new construction is proposed, merely removing the existing facility. Construction of the new toilet block and associated picnic amenities on the sand flat is also unlikely to impact Aboriginal heritage sites due to this area mostly being of modern fill material and not *in situ* natural sand. Revegetation of the steep embankment is unlikely to impact on Aboriginal heritage due to the steepness (near vertical) of the bank. Although visibility was poor on the embankment due to existing vegetation, there is unlikely to be objects present. For the same reasons, and due to the previous construction of the existing footpath, construction of new path from the sand flat to the top of the bank is also unlikely to impact on Aboriginal heritage objects.



Plate 3. View north from top of bank to Pool and breakwater.



Plate 4. View south east across sand flat to natural bank showing existing path and toilet block. Note the carpark and sand flat are not natural.

5.3 BLACKFELLOWS LAGOON

The proposed road upgrade at the southern end of the access would have very low potential to impact on Aboriginal heritage objects. The road has been cut and benched into the side of a spur to a depth of between 0.2 m and 1 m, thus removing any natural ground surface (Plate 5). The banks of the cutting were inspected to identify if any artefacts were eroding out from the cutting but none were found.

At the 'dog-leg' turn in the existing road, the road surface is closer to the natural level but is alongside a shallow creekline, in a depression. This section has also been sheeted with imported material including sand and gravels and no natural ground surface was visible. Either side of the road the vegetation was thick grass and bracken and no ground surface was exposed. It was also noted there was a water pipeline marker on the western side indicating the presence of a buried pipeline.

As the road progresses north, the road splits with an access driveway to the east while the track to the boat ramp continues north along a low gradient side slope, partially cut into the side of a gentle spur. The road gradually rises up towards the crest of the spurline until at the end of the road adjacent to the lagoon, it is essentially on a spur crest. The road is mostly natural surface of a sandy clayey deposit but has been sealed for about 80 m from the lagoon up to the lagoon edge.

At the end of the access road there is a steep but short drop off at the termination of the spur to the lagoon, about 3 m below the spur crest. The road is cut through the natural surface exposing a section of the deposits which reveal a 20-30 cm grey brown loam over a light yellow brown silty clay over a yellow gravelly clay. The edge of the lagoon is low lying and eroded and considered to be disturbed by the sealed road to the waters edge and two loop roads used for turning circles cut in either side of the main access road (Plate 6).

The relatively level spur crest elevated above the lagoon is characteristic of a location used for Aboriginal camping and therefore identified as having archaeological potential although the road construction and cuttings have increased the disturbance of the area. Despite the disturbance, an artefact scatter was located in this area.

The site *Blackfellows Lagoon AFT 1* was a scatter of stone artefacts spread for 120 m from the edge of the drop-off south along the access road. Artefacts were found on the edge of the road cutting near the termination of the spur and also along the unsealed section of the access track (Plate 7). Artefacts were observed in the run-off channels along the edge of the track as well as in the middle of the track (Plate 8). Thirteen artefacts were recorded in detail but the site is estimated to contain about 20 artefacts. It is unlikely that there would be substantial subsurface deposit remaining on the access track but some may exist within the undisturbed spur crest.

Any work to be undertaken on the access road including grading, widening, gravelling or sealing would impact Aboriginal artefacts and an Aboriginal Heritage Impact Permit (AHIP) would be required. If work was restricted to the current width of the track, from cutting to the table drain and bench there is unlikely to be any subsurface deposits present and therefore no testing would be required.



Plate 5. View north along road showing cutting and imported road base.

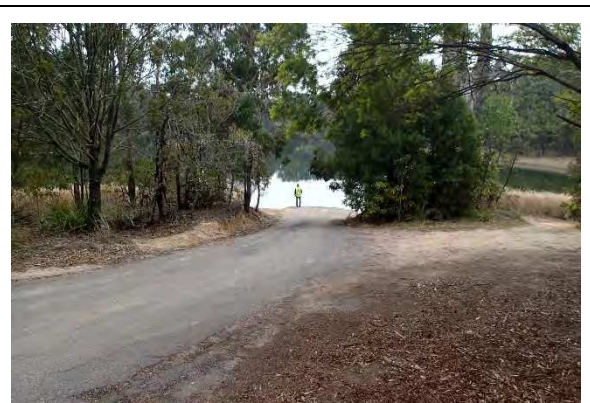


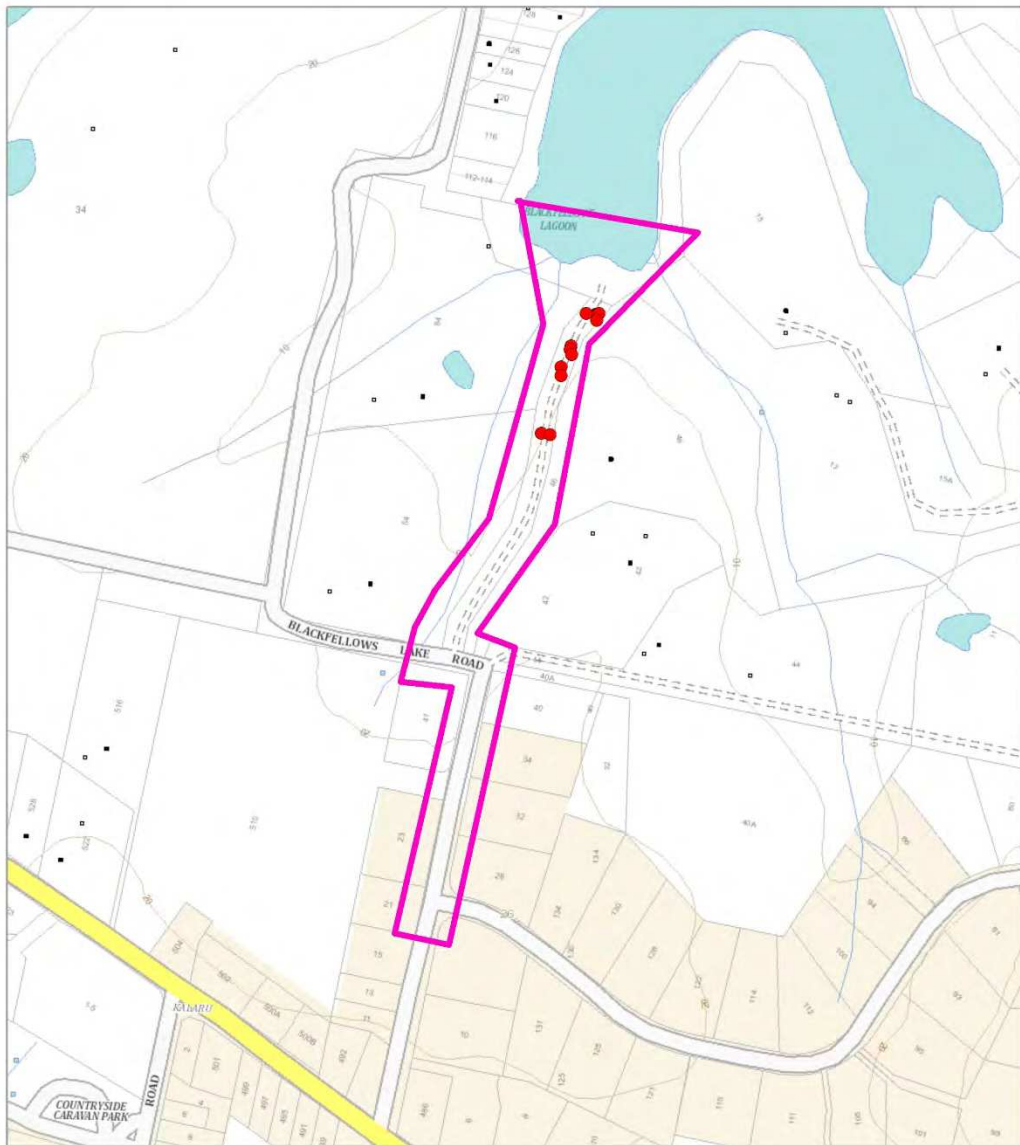
Plate 6. View north to lagoon at end of road.



Plate 7. View south to start of site at range pole on road cutting. Artefacts also present along unsealed section of track in distance.

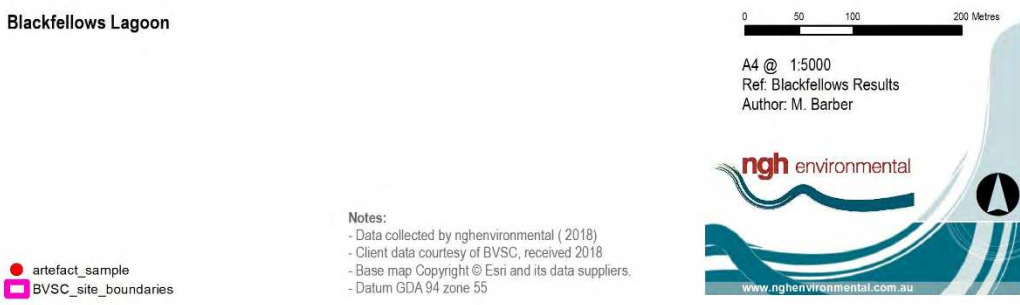


Plate 8. View south along track, artefacts scattered along track and in erosion channel.



Location of Artefacts

Blackfellows Lagoon



Notes:
- Data collected by nghenvironmental (2018)
- Client data courtesy of BVSC, received 2018
- Base map Copyright © Esri and its data suppliers.
- Datum GDA 94 zone 55

Figure 9. Location of artefacts on road to Blackfellows Lagoon.

5.4 PAMBULA BEACH

The location for the proposed road upgrade with the installation of a roundabout at Pambula Beach has been subject to extensive disturbance through the existing road access and associated underground drainage works. The existing road is built up with material likely imported or obtained from the immediate area and has nil archaeological potential (Plate 9).

The carpark has been sealed and the location of the toilet block is clearly on imported reddish gravelly clay. The existing surf club situated in the midst of the open area has been built on a raised sandy pad. The material for the pad appears to be a white sand mostly and the similar colours and textures of the surrounding area suggest the pad material was scraped up from the immediate area. The exposures present provided excellent visibility of up to 80% showing a compacted white to light yellow sandy clay, with some patches of gravels (Plate 10). No artefactual material or midden shell was observed, either in the pad on which the building sits or in the surrounding exposures, including at the edges of the carpark.

The playground and picnic shelter on the southern side of the surf lifesaving club show also a disturbed and likely stripped surface, within a slight hollow of depression. It is not clear if the depression is natural or an outcome of the stripping of material for the building pad. A large stand of conifers has also been planted within the residual flat.

While the location of the proposed work at Pambula would be considered archaeologically sensitive, being in a flat area behind a beach and near a small rocky headland, the apparent degree of disturbance observed and the most likely mechanical removal of the upper deposits to form the raised pad for the surf club building, means that the potential for finding archaeological material is low. There is some potential for residual stone artefacts or shell midden material to be present beneath the present ground surface, but as there was no observable change in the deposits such as dark humic sand and moderate exposures with no stone artefacts, our conclusion is that this is a low possibility.

The proposed works including installation of pedestrian links, children's play spaces and some drainage works are considered unlikely to impact on unrecorded Aboriginal heritage objects.



Plate 9. View west to road intersection showing built up roadway and underground stormwater drainage structures.



Plate 10. View north across existing facilities to club, note some exposures and planted conifers on left.

5.5 QUARANTINE BAY BOAT RAMP

An inspection was not carried out at the Quarantine Bay boat ramp location at Murrumbulga Point as the level of modification to the natural headland was considered to be extensive. The proposal to replace the jetties and potentially stabilise some of the existing fish cleaning tables would all be carried out on what is considered to be artificial or reclaimed land. While Aboriginal sites have been recorded on the eastern side of the headland, they have been found in natural, unaltered environment. The western side of the headland containing the boat ramp, jetties and carparking has been modified heavily from its natural state.

A break wall has been constructed from the beach south to the headland and subsequently backfilled and levelled which has enabled a flat area to be sealed and used for carparking and the construction of the jetties and boat ramp. There are no natural ground surfaces present where the works are proposed and therefore there is no potential for the work to encounter Aboriginal heritage objects.

5.6 MURUNNA POINT/CAMEL ROCK

The Murunna Point/Camel Rock area has 13 previously identified sites close to the proposed works. The site inspection for the current proposals involved walking the existing track alignment that was to be upgraded. Therefore, not all previously recorded sites were identified as some were outside the proposed work corridor.

Commencing at the Wallaga Heights carpark, the site inspection proceeded along the edge of Wallaga Lake towards the entrance. The proposed alignment is for a boardwalk to be constructed along the edge of the sandy lake shore (see Plate 11). The boardwalk would then turn onto the solid ground forming part of the base of the headland, following an existing pathway rising up to the headland. Previously recorded site 62-7-0268 has been recorded on the shoreline in this vicinity, about 30 m east of this point, extending for 50 m along the shoreline and consisting of a moderately dense scatter of shell and three stone artefacts (Webster and Kuskie 2002). Little evidence of this site was observable during the current survey although some small fragmented pieces of shell were noted.

It should also be noted that in an AHIP granted to BVSC (C0003582) on 1 June 2018, this site was listed as a no harm site and therefore the activities approved by the AHIP for other sites within the BVSC (see below) are not able to impact the site. No clear evidence for the site was observed at the location for the boardwalk meeting the land but some modern oyster shell fragments were observed.

About 140 m from the boardwalk/track junction, upslope on the slope of the headland a small scatter of shell was identified, and two stone artefacts were also found each about a further 50 m further east along the existing walking track. These sites are described below.

Murunna Walking Track Midden 1

A small scatter of mostly *Anadara* shell eroding from the waling track. The site is on a slight bench of lesser slope at the top of the lake cliff line, the surrounding slopes about 5-8 degrees. Soils are a dark grey humic sandy loam and visibility about 40% but much reduced off the track due to leaf litter (Plates 12 and 13). The visible extent of the site is approximately 8 x 3 m but the potential sites area could be much larger. The shell midden is eroded but there are likely to be intact and further midden material either side of the track and there is high potential for subsurface deposits.

Murunna Walking Track Isolated Find 1

About 50 m further north along the track from the midden a quartzite flake was identified on the walking track. The flake measured 20 x 20 x 5 mm had a focal, cortical platform and a feather termination. The flake

was a primary flake with 95% pebble cortex. It was situated in a similar environment to the midden being in a grey sandy humic loam deposit, eroding from the track which had about 50% visibility but with surrounding leaf litter and grass severely restricting further finds. The site is likely to be larger. It was also situated at the top of the cliff line, on a relatively low gradient slope (Plate 14).

Murunna Walking Track Isolated Find 2

Another 50 m north from IF1, another stone artefact was found. This distal portion of a quartz flake measured 19 x 13 x 5 mm and had a feather termination. The walking track was quite narrow at this location due to encroaching vegetation but the area was level and contained the same grey sandy loam deposit (Plate 15). There is a high potential that additional artefacts would be located in the area and there is high potential for subsurface deposits.

The proposed walking trail upgrade continued out to the location of previously recorded sites 62-7-0257 (Midden, burial and artefacts) and 62-7-0253 (midden and artefacts), on a north facing headland forming the southern bank of the Wallaga Lake entrance. Each of these sites were recorded by Webster and Kuskie (2002) as comprising a number of loci of cultural material. It can be extrapolated from their results that midden material, some eroded but some still likely to be *in situ* exists across the headland and that erosion and disturbances contributed to the exposure of the site. Currently, the area is well revegetated with thick kikuyu grass and visibility was only about 5% thus no further cultural material was observed (Plate 16).

The location of the burial on the steep slope above the rocky headland has been revegetated and sandbags used to prevent further downslope erosion (Plate 17). This has been moderately successful but would need to be continually monitored to ensure the burial is not exposed in the future.

The proposed walking trail turns south and then east to the Murunna Point headland. This section crosses relatively low to moderate gradient slopes and down a spur crest to the headland. Visibility was very poor with thick grass cover but there were areas of level ground at the top of the cliffs and back towards the ridge of high ground forming the headland. All of these areas and across areas of high archaeological potential, although nothing was found during the current inspection. These areas are also relatively undisturbed, with a lack of previous vehicle tracks that led to the erosion that exposed the sites further west on the headland recorded by Webster and Kuskie (Plates 18 and 19).

As the walking trail proceeds southward it enters an area thick with Ti-tree at the top of a very high cliff. This section had mostly low potential due to the rugged and difficult access to the cliffs. Visibility was fair on the foot track at about 50%, with the deposits consisting of a grey sandy loam.

As the path traversed a slight rise on top of the cliff above a very minor rocky protrusion between two beaches, some small amounts of shell were observed eroding from the edge of the path. The shell was highly fragmented but included *Anadara*. Visibility in the immediate areas was very poor with thick vegetation. The site was elevated about 20 m above sea level on a relatively level area on the edge of the cliff. There is high potential that the shell material is an eroding midden, probably small but relatively *in situ*. The shell was exposed in an area of about 7 m along the track (Plates 20 and 21). This site is in the approximate position of locus B of the previously recorded site 62-7-0254 (Webster and Kuskie 2002).

The walking trail continues south and down off the high headland onto a lower slope and across a wide drainage depression. At the base of the slope there is an extensive shell midden.

Murunna Walking Track Midden 2

A large midden comprising mostly *Anadara* but also some rocky shore species was found on sandy deposits elevated above a creekline/ wetland depression. The extent of the midden is difficult to determine due to thick vegetation, with a number of exposures within an area of 25 x 15 m showing midden material (Plates

22 and 23). Stone artefacts were also observed. The midden is in a foredune context on yellow beach sands but there is high potential for subsurface deposits, although erosion and sand movement may have contributed to disturbance of the midden. The midden material was located immediately east of the walking rail but may extend across the trail and include subsurface deposits.

Previously recorded site 62-7-0255, is about 80 m to the east of the this site but the site description indicates that Murunna Walking Track Midden 2 was not the same site.

The walking trail alignment crosses a small outlet creek from the wetland and then crosses another small *Anadara* midden, previously recorded as site 62-7-0267 (Plate 24). This site contains a small exposure of shell on the southern edge of the drainage line with high potential to be larger and contain subsurface material.

All sites are shown in Figure 9.



Plate 11. View east to point where proposed boardwalk leaves sandy shore to enter headland proper behind the trees.



Plate 12. View south west to Murunna Walking Track Midden 1.



Plate 13. Close up view of midden material eroding from track at Murunna Walking Track Midden 1.



Plate 14. View south to location of Murunna Walking Track IF 1.



Plate 15. View north to location of Murunna Walking Track IF 2.



Plate 16. View north east to headland. Note thick grass cover and low visibility. Webster and Kuskie recorded midden material in this area.



Plate 17. View north east to location of burial (near photographer) and revegetation of exposure.



Plate 18. View north to Murunna Point headland.



Plate 19. View north across level area of proposed path, note poor visibility.



Plate 20. View north to exposure of shell, associated with site 62-7-0254 Locus B.



Plate 21. View of exposure of shell, associated with site 62-7-0254 Locus B.



Plate 22. View west across lower slope to Murunna Walking Track Midden 2 at left of track near range pole.



Plate 23. View of exposure showing midden material of Murunna Walking Track Midden 2.



Plate 24. View north east to location of site 62-7-0267 on edge of walking track at range pole.







Location of Sites

Murunna Point

0 50 100 200 Metres

A4 @ 1:7500
Ref. Murunna Point Results
Author: M. Barber

-  Murunna_artefact
-  Murunna_Point_sites
-  Bermagui_Wallaga_AHIMS_GDA
-  BVSC_site_boundaries

- Notes:
- Data collected by nghenvironmental (2018)
 - Client data courtesy of BVSC, received 2018
 - Base map Copyright © Esri and its data suppliers.
 - Datum GDA 94 zone 56



Figure 10. Location of sites at Murunna Point.

5.7 MERIMBULA BOARDWALK

The proposals involve replacement of the wooden sections of the boardwalk which are all elevated above the water and currently there are no proposals for updating the hard paths on land. The BVSC were issued an Aboriginal Heritage Impact Permit (C0003582) on 1 June 2018 to allow harm to a number of sites within proposed work areas managed by BVSC. These include nine sites situated on or close to the Merimbula boardwalk being assessed by the current report. Section D of the AHIP outlines the proposed work on the Merimbula Lake Boardwalk/Track that may impact the sites as:

“Conduct asset renewal, upgrade and/or maintenance work at the existing boardwalk and pathway. Associated carpark upgrade at east end at road/carpark and installation of recreational facilities at the west end”.

The current proposal to upgrade the wooden sections of the boardwalk therefore fits within the permitted impacts by the AHIP.

When conducting the inspection particular attention was made to the location of the sites with the AHIP and how they corresponded to the proposed boardwalk upgrading. Table 20 shows the sites approved for harm in the AHIP issued to BVSC for the Merimbula boardwalk.

Table 19. Sites approved for harm under AHIP C0003582.

Site ID	Site Type	Location
62-6-0783 Merimbula Boardwalk 1	Shell	
62-6-0784 Merimbula Boardwalk 2	Shell	
62-6-0785 Merimbula Boardwalk 3	Shell	
62-6-0782 Merimbula Boardwalk 4	Shell	
62-6-0100 Merimbula Lake 3	Shell	
62-6-0099 Merimbula Lake 4	Shell	
62-6-0135 Merimbula Heights Estate 8	Artefacts and shell	
62-6-0138 Merimbula Heights Estate 11	Shell	
62-6-0139 Merimbula Heights Estate 12	Artefacts and shell	

The survey did not identify any new sites during the field inspection. Midden material was observed eroding from the lake shore at the mapped location of Merimbula Lake 1 (#62-6-0097). This site is not covered by the AHIP but the boardwalk is approximately 5 m from the shore at this location, having been built elevated from the water (Plate 25). It may be reasonably assumed therefore that the proposed upgrade work will not impact the midden.

Shell material was noted eroding from the shore at a minor headland in the lake where the wooden boardwalk across the water meets the land and changes to a concrete pathway (Plate 26). The shell was eroding from the flat above exposed bedrock. The nearest recorded site is Merimbula Heights Estate 8 (#62-6-0135) about 90 m from the exposure of shell observed. However, after checking the site card and the associated map it is clear that the original recording of the site comprised a number of separate shell midden concentrations, including the area observed during this survey. It is concluded therefore that the shell midden material observed is covered by the AHIP.

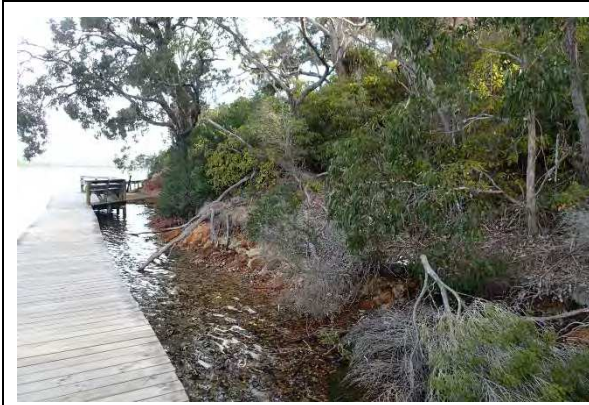


Plate 25. View south west showing shell midden material eroding from the lake shore. This is part of the previously recorded site #62-6-0097.



Plate 26. View west showing shell midden material eroding from the lake shore. This is part of the previously recorded site #62-6-0135.

6 FURTHER ASSESSMENT

Step 5. Is further investigation or impact assessment required?

The Due Diligence Code of Practice states that if, after the desktop research and visual inspection is completed, it is evident that harm will occur to Aboriginal objects or heritage places, then further and more detailed assessment is required. If however, the research and inspection conclude that there are no, or unlikely to be any, objects impacted by the proposed activity, then the activity can proceed with caution.

The following is a summary of the results of the Aboriginal assessment of each of the proposed works areas.

Bermagui River Boat Ramp

The level of disturbance and modification to the areas of the proposed boat ramp and carpark upgrade are such that it is unlikely that Aboriginal objects would be impacted by the proposed works. Therefore, no further Aboriginal assessment is considered necessary.

Blackfellows Lake Boat Ramp

An archaeological site containing a scatter of stone artefacts was identified and recorded within the proposed works area, namely on the road leading to the proposed boat ramp. Any work in this area would therefore impact the site. The proposed work cannot proceed unless an AHIP is obtained from OEH. Note that grading of the road is also an impact and an AHIP would be required for maintenance activities.

Quarantine Bay Boat Ramp

The level of disturbance and the modifications to the area including importation of material to form a reclaimed land surface means that there is negligible potential to impact Aboriginal objects and no further assessment of this proposal is required. Note that any work on the eastern side of the peninsula would require further assessment.

Bruce Steer Pool

The area of sand extending from the carpark are not considered to be natural and therefore any work in this area is unlikely to impact Aboriginal objects. The proposed works on the steep bank and toilet area are

also unlikely to contain Aboriginal objects. Therefore, no further Aboriginal assessment is considered necessary.

Pambula Beach Reserve

It is considered that much of the surface deposit in this area has been removed and used in construction of the building pad for the surf club building. The area for the proposed road upgrade has also undergone considerable disturbance and modification. Therefore, no further Aboriginal assessment is considered necessary.

Murrunga Point/Camel Rock

The Murrunga Point/Camel Rock area contains a large number of Aboriginal heritage sites, some recorded from previous studies and new sites recorded as part of the current assessment. The entire headland area may be considered to have high archaeological potential and any work is likely to impact Aboriginal heritage. Any work in this area would require an Aboriginal heritage impact permit. However, it is further noted that the presence of an Aboriginal burial within a midden means that burials are possible in other locations on the headland and especially within sand dune systems. There are also areas of subsurface archaeological deposits, although their true nature and extent have not been determined.

Merimbula Boardwalk

While there are a number of previously recorded sites in the vicinity of the boardwalk, BVSC have been issued an AHIP that allows certain activities to occur that may impact these sites, including the upgrade and maintenance of the boardwalk. No new sites were recorded during the current assessment and therefore, the proposed work is unlikely to impact on unrecorded sites and no further Aboriginal heritage assessment is required.

7 RECOMMENDATIONS

The following recommendations are based on a number of considerations including:

- Background research into the area;
- Landscape assessment;
- Field inspection;
- Consideration of the proposed works, and
- Legislative context for the development proposal.

The recommendations for Bermagui River Boat Ramp and Bruce Steer Pool are:

1. Works may proceed with caution at each location.
2. Any activity proposed outside of the current assessment area should also be subject to an Aboriginal heritage assessment
3. If any objects are found during construction that are suspected of being Aboriginal in origin, work must stop at that location and OEH notified.

The recommendations for Quarantine Bay boat ramp are:

1. Works may proceed with caution.
2. Any activity proposed outside of the current assessment area should also be subject to an Aboriginal heritage assessment
3. No activity including laydowns or ancillary construction parking and site offices should occur on the eastern side of the peninsula, to avoid previously recorded sites in that area.
4. If any objects are found during construction that are suspected of being Aboriginal in origin, work must stop at that location and OEH notified.

Recommendation for Blackfellows Lagoon road upgrade are:

1. No activity including road upgrades, grading, gravelling or other earthworks can occur within the identified site Blackfellows Lagoon AFT 1 until an Aboriginal Heritage Impact Permit (AHIP) from OEH to impact the site has been granted.
2. To obtain an AHIP, BVSC will require a suitably qualified heritage consultant to undertake an Aboriginal Cultural Heritage Assessment (ACHA) including consultation with the Aboriginal community. The ACHA would need to support the issue of an AHIP and be submitted with an application to OEH.
3. If the proposed work is confined to the existing road disturbance area, no subsurface testing is considered necessary but an AHIP will still be required.

The recommendations for Pambula Beach are:

1. Works may proceed with caution.
2. Any activity proposed outside of the current assessment area should also be subject to an Aboriginal heritage assessment
3. If any objects are found during construction that are suspected of being Aboriginal in origin, work must stop at that location and OEH notified.

Recommendation for Murunna Point/Camel Rock walking trail upgrade are:

1. No ground disturbing activity including importation of gravel or other materials can occur within the proposed work areas without further archaeological assessment.
2. An Aboriginal Heritage Impact Permit (AHIP) from OEH would be required to impact the sites identified.
3. To obtain an AHIP, BVSC will require a suitably qualified heritage consultant to undertake an Aboriginal Cultural Heritage Assessment (ACHA) including consultation with the Aboriginal community in accordance with the OEH *Aboriginal cultural heritage consultation requirements for proponents 2010*. The ACHA would need to support the issue of an AHIP and be submitted with an application to OEH.
4. Subsurface testing may be required for sections of the proposed works to ascertain the presence and significance of archaeological sites.
5. Plans should be amended to realign the walking trail away from the burial and there should be no lookouts, seating or other infrastructure in this area.

Bega Valley Shire Council are reminded that it is an offence under the NSW *National Parks and Wildlife Act 1974* to disturb, damage or destroy an Aboriginal object without a valid Aboriginal Heritage Impact Permit.

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Merimbula Boardwalk Approved AHIP (cooo3582)

APPENDIX B THREATENED SPECIES EVALUATIONS

The tables below evaluate the potential for threatened species, ecological communities and endangered populations that are known to occur within a 10 km radius surrounding the study area which may be affected by the works. Candidate species and communities for evaluation were determined on 31 July 2018 using the following online database search tools:

- NSW OEH Bionet Atlas database for species, populations and communities listed under the NSW *Biodiversity Conservation Act 2016* (BC Act) and Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act);
- NSW Department of Primary Industries DPI Fisheries Threatened Species website for species and communities listed under the *Fisheries Management Act 1994* (FM Act); and
- Commonwealth EPBC Act *Protected Matters Search Tool* and SPRAT database for threatened species and communities listed under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).

The likelihood of occurrence is based on presence of habitat, proximity of nearest records and mobility of the species. The assessment of potential impact is based on the nature of the proposal, the ecology and sensitivity of the species and its likelihood of occurrence. The evaluation table includes key ecological information about the threatened entity and how the proposal may impact on it.

The following categories and terms are used:

Presence of habitat:

- Present: Potential or known habitat present in the study area
- Absent: No potential or known habitat present in the study area
- Marginal: Some habitat elements present in the study area, potential affected by site disturbance factors or distant from known distribution range

Likelihood of occurrence

- Unlikely: Species known or predicted within the locality but unlikely to occur in the study area based on habitat quality and/or field investigations
- Possible: Species could occur in the study area based on habitat and distribution range
- Present: Species was recorded during the field investigations, or previous records exist for the study area

Possibility of impact

- No: The proposal would not adversely impact this species or its habitats. No Assessment of Significance (AOS) is necessary
- Yes: The proposal could adversely impact this species or its habitats. An AOS may be required.

The distribution and habitat information used in the evaluation has been sourced from species profiles in the online OEH threatened species database, Commonwealth Species Profiles and Threats database (SPRAT) or relevant listing determinations unless otherwise stated.

Acronyms and abbreviations

BC Act NSW *Biodiversity Conservation Act 2016*

EPBC Act	Commonwealth <i>Environment Protection and Biodiversity Conservation Act 1999</i>
FM Act	NSW <i>Fisheries Management Act 1994</i>
CE	Listed as Critically Endangered (species or ecological community)
E	Listed as Endangered
P	Listed as Priority Species
V	Listed as Vulnerable

Threatened Ecological Community	BC Act	EPBC Act	Presence of habitat	Likelihood of occurrence	Potential for impact
Ecological Communities					
Araluen Scarp Grassy Forest in the South East Corner Bioregion	E		Absent	None	No
Bangalay Sand Forest of the Sydney Basin and South East Corner bioregions	E		Absent	None	No
Brogo Wet Vine Forest in the South East Corner Bioregion	E		Absent	None	No
Coastal Saltmarsh in the New South Wales North Coast, Sydney Basin and South East Corner Bioregions	E	V	Absent	None	No
Dry Rainforest of the South East Forests in the South East Corner Bioregion	E		Absent	None	No
Freshwater Wetlands on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions	E		Absent	None	No
Littoral Rainforest and Coastal Vine Thickets of Eastern Australia	E	CE	Absent	None	No
Lowland Grassy Woodland in the South East Corner Bioregion	E	CE	Absent	None	No
Montane Peatlands and Swamps of the New England Tableland, NSW North Coast, Sydney Basin, South East Corner, South Eastern Highlands and Australian Alps bioregions	E	E	Absent	None	No
River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions	E		Absent	None	No
Subtropical and Temperate Coastal Saltmarsh		V	Absent	None	No
Swamp Oak Floodplain Forest of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions	E		Absent	None	No
Tablelands Snow Gum, Black Sallee, Candlebark and Ribbon Gum Grassy Woodland in the South Eastern Highlands, Sydney Basin, South East Corner and NSW South Western Slopes Bioregions	E		Absent	None	No
Themeda grassland on seacliffs and coastal headlands in the NSW North Coast, Sydney Basin and South East Corner Bioregions	E		Absent	None	No

Common Name	Species Name	BC Act	EPBC Act	Presence of Habitat	Likelihood of Occurrence	Potential for Impact
Flora						
Austral Toadflax	<i>Thesium australe</i>	V	V	Absent	None	No
Bega Wattle	<i>Acacia georgensis</i>	V	V	Absent	None	No
Bodalla Pomaderris	<i>Pomaderris bodalla</i>	V		Absent	None	No
Chef's Cap Correa	<i>Correa baeuerlenii</i>	V	V	Marginal	Possible	No – The species can occur in riparian sites within forests of various eucalypts, including Silvertop Ash and stringybarks. These eucalypts are present within the locality and the species could occur in the wider region but was not observed in the works area and will not be impacted.
Hidden Violet	<i>Viola cleistogamoides</i>	E		Absent	None	No
Leafless Tongue-orchid	<i>Cryptostylis hunteriana</i>	V	V	Absent	None	No
Matted Bush-pea	<i>Pultenaea pedunculata</i>	E		Absent	None	No
Narrow-leaved Wilsonia	<i>Wilsonia backhousei</i>	V		Marginal	Unlikely	No – The species occurs on the margins of salt marshes and lakes but was not observed in the works area.
Narrow-leaved Black Peppermint	<i>Eucalyptus nicholii</i>	V	V	Absent	None	No
Thick-leaf Star-hair	<i>Astrotricha crassifolia</i>	V	V	Absent	None	No
Thick-lipped Spider-orchid	<i>Caladenia tessellata</i>	E	V	Absent	None	No
Warty Zieria	<i>Zieria tuberculata</i>	V	V	Absent	None	No

Common Name	Species Name	BC Act	EPBC Act	Presence of Habitat	Likelihood of Occurrence	Potential for Impact
Yellow Loosestrife	<i>Lysimachia vulgaris var. davurica</i>	E		Absent	None	No

Common Name	Species Name	BC Act / FM Act	EPBC Act	Presence of Habitat	Likelihood of Occurrence	Potential for Impact
Aves - Diurnal						
Australian Painted Snipe	<i>Rostratula australis</i>	E	V, M	Absent	None	No
Australasian Bittern	<i>Botaurus poiciloptilus</i>	E	E	Absent	None	No
Barking Owl	<i>Ninox connivens</i>	V		Marginal	Possible	Yes - Only if stag supporting hollows and potential breeding habitat is removed.
Black Bittern	<i>Ixobrychus flavicollis</i>	V		Present	Possible	No – The species occurs in terrestrial and estuarine wetlands, generally in areas of permanent water and dense vegetation and will roost in dense reeds. The species however will not be significantly impacted given the clearance to reedland is 0.0004 ha and considered minor with regard to the substantial amount of similar habitat remaining within the immediate area.
Blue-billed Duck	<i>Oxyura australis</i>	V		Marginal	Unlikely	No – the species prefers deep water in larger permanent wetlands and swamps with dense aquatic vegetation.
Diamond Firetail	<i>Stagonopleura guttata</i>	V		Marginal	Unlikely	No – The species prefers grassy open woodlands and this habitat type is not within the works area. The species may occur in the locality but is unlikely to rely on the habitat affected within the works area.
Dusky Woodswallow	<i>Artamus cyanopterus</i>	V		Marginal	Possible	No – Foraging habitat may occur within the works area as the species inhabits dry, open eucalypt

Common Name	Species Name	BC Act / FM Act	EPBC Act	Presence of Habitat	Likelihood of Occurrence	Potential for Impact
						forests and woodlands, with an open or sparse understorey of eucalypt saplings, acacias and other shrubs, and ground-cover of grasses or sedges and fallen woody debris. However, the clearance area is minor and primarily effects modified vegetation along the existing road. The works is not considered to result in significant impact to this species as only a minor amount of foraging habitat would be removed and large amounts of contiguous habitat area available in the locality.
Eastern Bristlebird	<i>Dasyornis brachypterus</i>	E	E	Absent	None	No
Eastern Ground Parrot	<i>Pezoporus wallicus wallicus</i>	V		Absent	None	No
Flame Robin	<i>Petroica phoenicea</i>	V		Marginal	Unlikely	No – The species prefers clearings with areas of with open understoreys and this habitat type is not within the works area. The species may occur in the locality but is unlikely to rely on the habitat affected within the works area.
Gang-gang Cockatoo	<i>Callocephalon fimbriatum</i>	V		Marginal	Unlikely	No – A minor amount of potential foraging habitat through Acacia is present within the works area and would be cleared. The locality supports better-quality foraging habitat and Acacia's are widespread in surrounding contiguous reserves and national parks.
Glossy Black-Cockatoo	<i>Calyptorhynchus lathamii</i>	V		Marginal	Possible	No – A minor amount of potential foraging habitat through Black She-oak is present within the works area and would be cleared. These trees are young, and no evidence of feeding was recorded. The removal of these trees would not adversely affect the species in the long-term as better-quality contiguous habitat is present in the locality.

Common Name	Species Name	BC Act / FM Act	EPBC Act	Presence of Habitat	Likelihood of Occurrence	Potential for Impact
Little Eagle	<i>Hieraaetus morphnoides</i>	V		Marginal	Unlikely	No - Could fly over works area on occasion while passing through area. Foraging habitat is limited and type of works will not impact this arboreal species.
Little Lorikeet	<i>Glossopsitta pusilla</i>	V		Absent	None	No
Magpie Goose	<i>Anseranas semipalmata</i>	V		Absent	None	No
Masked Owl	<i>Tyto novaehollandiae</i>	V		Marginal	Possible	Yes - Only if stag supporting hollows and potential breeding habitat is removed.
Olive Whistler	<i>Pachycephala olivacea</i>	V		Absent	None	No
Orange-bellied Parrot	<i>Neophema chrysogaster</i>	CE	CE, M	Absent	None	No
Painted Honeyeater	<i>Grantiella picta</i>	V	V	Absent	None	No
Pink Robin	<i>Petroica rodinogaster</i>	V		Marginal	Unlikely	No – The species prefers moist dense forest and this habitat type is not within the works area. The species may occur in the locality but is unlikely to rely on the habitat affected within the works area.
Powerful Owl	<i>Ninox strenua</i>	V		Marginal	Possible	Yes - Only if stag supporting hollows and potential breeding habitat is removed.
Regent Honeyeater	<i>Anthochaera phrygia</i>	E	CE	Marginal	Unlikely	No – The habitat to be removed does not comprise large amounts of flowering eucalypts used by this species for foraging. The species could occur in the locality but is unlikely to utilise the habitat within the works area.
Scarlet Robin	<i>Petroica boodang</i>	V		Marginal	Possible	No – Foraging habitat may occur within the works area as the species inhabits dry, open eucalypt forests and woodlands, with a grassy understorey. However, the clearance area is minor and primarily effects modified vegetation along the existing road. The works is not considered to result in significant impact to this species as only a minor amount of foraging

Common Name	Species Name	BC Act / FM Act	EPBC Act	Presence of Habitat	Likelihood of Occurrence	Potential for Impact
						habitat would be removed and large amounts of contiguous habitat area available in the locality.
Sooty Owl	<i>Tyto tenebricosa</i>	V		Absent	None	No
Square-tailed Kite	<i>Lophoictinia isura</i>	V		Marginal	Unlikely	No - Could fly over works area on occasion while passing through area. Foraging habitat is limited, and type of works will not impact this wide-ranging species.
Swift Parrot	<i>Lathamus discolor</i>	E	CE	Absent	None	No
Turquoise Parrot	<i>Neophema pulchella</i>	V		Absent	None	No
Varied Sittella	<i>Daphoenositta chrysoptera</i>	V		Absent	None	No – The habitat to be removed does not comprise large amounts of rough-barked eucalypts used by this species for foraging. The species could occur in the locality but is unlikely to utilise the habitat within the works area.
White-fronted Chat	<i>Epthianura albifrons</i>	V		Marginal	Unlikely	No – Along the coast the species is mostly found in saltmarsh vegetation which does not occur in the works area.
Aves - shorebirds/waders						
Bar-tailed Godwit	<i>Limosa lapponica baueri</i>		M	Marginal	Unlikely	No - species forages within seagrass and sandflats which are absent from the works area and the species is not expected to occur on a regular basis.
Curlew Sandpiper	<i>Calidris ferruginea</i>	E	CE,	Marginal	Unlikely	No - species forages within seagrass and sandflats which are absent from the works area and the species is not expected to occur on a regular basis.
Eastern Curlew	<i>Numenius madagascariensis</i>		CE	Marginal	Unlikely	No - species forages within seagrass and sandflats which are absent from the works area and the species is not expected to occur on a regular basis.
Fairy Prion (southern)	<i>Pachyptila turtur subantarctica</i>		V	Absent	None	No

Common Name	Species Name	BC Act / FM Act	EPBC Act	Presence of Habitat	Likelihood of Occurrence	Potential for Impact
Hooded Plover	<i>Thinornis rubricollis</i>	E	V	Marginal	Unlikely	No - works area lacks larger sandy areas used for nest sites.
Lesser Sand-plover	<i>Charadrius mongolus</i>	V	E	Marginal	Unlikely	No - works area lacks larger sandy areas used for nest sites.
Little Tern	<i>Sternula albifrons</i>	E		Marginal	Unlikely	No - species is almost exclusively coastal and nests in sandy beaches and this habitat does not occur within the works area.
Northern Siberian Bar-tailed Godwit	<i>Limosa lapponica menzbieri</i>		CE	Marginal	Unlikely	No - usually inhabits larger expanses of mudflats and sandy beaches.
Pied Oystercatcher	<i>Haematopus longirostris</i>	E		Marginal	Unlikely	No - species forages within shallow estuarine waters and coasts but habitat in the works area is not typical for the species as it is generally found in intertidal flats, open beaches and sandbanks. The species is not expected to be affected by the proposal.
Red Knot	<i>Calidris canutus</i>		E	Marginal	Unlikely	No - usually inhabits larger expanses of mudflats and sandy beaches.
Sanderling	<i>Calidris alba</i>	V,P		Marginal	Unlikely	No - species forages within shallow estuarine waters and coasts but habitat in the works area is not typical for the species as it is generally found in low beaches, near reefs and bare open coastal Lakes. The species is not expected to be affected by the proposal.
Sooty Oystercatcher	<i>Haematopus fuliginosus</i>	V		Marginal	Unlikely	No - favours rock headlands and exposed rock at low tides for foraging. Preferred habitat is not available within the works area.
Aves - Marine						
Australian Fairy Tern	<i>Sternula nereis nereis</i>		V	Absent	None	No
Antipodean Albatross	<i>Diomedea antipodensis</i>	V	V	Absent	None	No

Common Name	Species Name	BC Act / FM Act	EPBC Act	Presence of Habitat	Likelihood of Occurrence	Potential for Impact
Black-browed Albatross	<i>Thalassarche melanophris</i>	V	V, M	Absent	None	No
Blue Petrel	<i>Halobaena caerulea</i>		V	Absent	None	No
Buller's Albatross	<i>Thalassarche bulleri</i>		V, M	Absent	None	No
Campbell Albatross	<i>Thalassarche impavida</i>		V, M	Absent	None	No
Chatham Albatross	<i>Thalassarche eremita</i>		E, M	Absent	None	No
Eastern Osprey	<i>Pandion cristatus</i>	V		Absent	None	No
Gibson's Albatross	<i>Diomedea gibsoni</i>	V	V	Absent	None	No
Gould's Petrel	<i>Pterodroma leucoptera</i>	V	E	Absent	None	No
Northern Buller's Albatross	<i>Thalassarche bulleri platei</i>		V, M	Absent	None	No
Northern Giant-Petrel	<i>Macronectes halli</i>	V	V	Absent	None	No
Northern Royal Albatross	<i>Diomedea sanfordi</i>		E, M	Absent	None	No
Salvin's Albatross	<i>Thalassarche salvini</i>		V, M	Absent	None	No
Shy Albatross	<i>Thalassarche cauta</i>	V	V	Absent	None	No
Sooty Albatross	<i>Phoebastria fusca</i>	V	V, M	Absent	None	No
Southern Giant Petrel	<i>Macronectes giganteus</i>	E	E	Absent	None	No
Southern Royal Albatross	<i>Diomedea epomophora</i>		V, M	Absent	None	No
Wandering Albatross	<i>Diomedea exulans</i>	E	E	Absent	None	No
White-bellied Sea-Eagle	<i>Haliaeetus leucogaster</i>	V		Present	Possible	No - Could fly over works area on occasion while passing through area. Works will not impact this arboreal species.

Common Name	Species Name	BC Act / FM Act	EPBC Act	Presence of Habitat	Likelihood of Occurrence	Potential for Impact
White-bellied Storm-Petrel	<i>Fregetta grallaria grallaria</i>		V	Absent	None	No
White-capped Albatross	<i>Thalassarche cauta stadi</i>		V, M	Absent	None	No
Terrestrial Mammals						
Brush-tailed Rock-wallaby	<i>Petrogale penicillata</i>	E	V	Absent	None	No
Eastern Pygmy-possum	<i>Cercartetus nanus</i>	V		Absent	None	No
Koala	<i>Phascolarctos cinereus</i>	V	V	Absent	None	No
Long-nosed Potoroo	<i>Potorous tridactylus</i>	V	V	Marginal	Unlikely	No – Species could occur in the wider area but habitat in the works area does not provide enough shelter or complexity.
Smoky Mouse	<i>Pseudomys fumeus</i>	CE	E	Absent	None	No
Southern Brown Bandicoot (eastern)	<i>Isodon obesulus obesulus</i>	V		Marginal	Unlikely	No – Species could occur in the wider area but habitat in the works area does not provide enough shelter or complexity.
Spotted-tailed Quoll	<i>Dasyurus maculatus maculatus (SE mainland population)</i>	V	E	Marginal	Unlikely	No
White-footed Dunnart	<i>Sminthopsis leucopus</i>	V		Absent	None	No
Microbats / Gliders						
Eastern Bentwing-bat	<i>Miniopterus schreibersii oceanensis</i>	V		Marginal	Unlikely	No - Could fly over works area on occasion while passing through area. Foraging habitat is limited, and the species breeds in maternity caves. The type of works will not impact this species.
Eastern False Pipistrelle	<i>Falsistrellus tasmaniensis</i>	V		Marginal	Possible	Yes - Could fly over works area on occasion while passing through area. Foraging habitat is limited

Common Name	Species Name	BC Act / FM Act	EPBC Act	Presence of Habitat	Likelihood of Occurrence	Potential for Impact
						but the species roosts in tree hollows. The removal of the hollow-bearing stag could result in loss of roosting habitat for this species.
Eastern Freetail-bat	<i>Mormopterus norfolkensis</i>	V		Marginal	Possible	Yes - Could fly over works area on occasion while passing through area. Foraging habitat is limited but the species roosts in tree hollows. The removal of the hollow-bearing stag could result in loss of roosting habitat for this species.
Greater Broad-nosed Bat	<i>Scoteanax rueppellii</i>	V		Marginal	Possible	Yes - Could fly over works area on occasion while passing through area. Foraging habitat is limited but the species roosts in tree hollows. The removal of the hollow-bearing stag could result in loss of roosting habitat for this species.
Greater Glider	<i>Petauroides volans</i>		V	Marginal	Unlikely	No - Could move through works area on occasion while passing through area. Foraging habitat is limited, and type of works will not impact this species.
Grey-headed Flying-fox	<i>Pteropus poliocephalus</i>	V	V	Marginal	Unlikely	No - Could fly over works area on occasion while passing through area. Foraging habitat is limited, and type of works will not impact this species.
Southern Myotis	<i>Myotis macropus</i>	V		Marginal	Unlikely	No - Could fly over works area on occasion while passing through area. Foraging habitat is limited and the species primarily roosts in caves. The type of works will not impact this species.
Squirrel Glider	<i>Petaurus norfolcensis</i>	V		Marginal	Unlikely	No – This species primarily inhabits mature or old growth Box, Box-Ironbark woodlands and River Red Gum forest which does not occur within the works area.
Yellow-bellied Glider	<i>Petaurus australis</i>	V		Marginal	Possible	Yes – Foraging habitat is considered marginal within the works area and only a minor amount

Common Name	Species Name	BC Act / FM Act	EPBC Act	Presence of Habitat	Likelihood of Occurrence	Potential for Impact
						would be removed. Potential denning habitat is available in the stag supporting hollows.
Marine Mammals						
Australian Fur-seal	<i>Arctocephalus pusillus doriferus</i>	V		Absent	None	No
Blue Whale	<i>Balaenoptera musculus</i>	E	E	Absent	None	No
Dugong	<i>Dugong dugon</i>	E		Absent	None	No
Fin Whale	<i>Balaenoptera physalus</i>		V	Absent	None	No
Humpback Whale	<i>Megaptera novaeangliae</i>	V	V	Absent	None	No
Sei Whale	<i>Balaenoptera borealis</i>		V	Absent	None	No
Southern Right Whale	<i>Eubalaena australis</i>	E	E	Absent	None	No
Fish						
Australian Grayling	<i>Prototroctes maraena</i>	E	V	Marginal	Unlikely	No - Can inhabit estuarine waters and coastal seas as juveniles and freshwater rivers as adults. Most of the lifecycle is spent in freshwater rivers in cool clear waters with gravel substrate and pools. This habitat type is not available within the works areas.
Black Rockcod	<i>Epinephelus daemeli</i>	V	V	Marginal	Unlikely	No - Adults live in rocky reefs and juveniles prefer rock pools or rocky intertidal areas which do not occur within the works area.
Blue Fish	<i>Girella cyanea</i>	P		Absent	None	No
Great White Shark	<i>Carcharodon carcharias</i>		V	Absent	None	No
Grey Nurse Shark	<i>Carcharias taurus (east coast population)</i>	CE	CE	Absent	None	No
Sandtiger Shark	<i>Odontaspis ferox</i>	P		Absent	None	No

Common Name	Species Name	BC Act / FM Act	EPBC Act	Presence of Habitat	Likelihood of Occurrence	Potential for Impact
Syngnathiadae Family (Pipefish, Pipehorse, Seahorse, Seadragon)		P		Absent	None	No
Southern Bluefin Tuna	<i>Thunnus maccoyi</i>	E		Absent	None	No
Whale Shark	<i>Rhincodon typus</i>		V	Absent	None	No
Turtles						
Flatback Turtle	<i>Natator depressus</i>		V	Marginal	Unlikely	No – Largely a marine species and unlikely to occur within works area.
Green Turtle	<i>Chelonia mydas</i>	V	V	Absent	None	No
Hawksbill Turtle	<i>Eretmochelys imbricata</i>		V	Absent	None	No
Leatherback Turtle	<i>Dermochelys coriacea</i>	E	E	Absent	None	No
Loggerhead Turtle	<i>Caretta caretta</i>	E	E	Absent	None	No
Frogs						
Giant Burrowing Frog	<i>Heleioporus australiacus</i>	V	V	Absent	None	No
Green and Golden Bell Frog	<i>Litoria aurea</i>	E	V	Absent	None	No
Littlejohn's Tree Frog	<i>Litoria littlejohni</i>	V		Absent	None	No
Stuttering Frog	<i>Mixophyes balbus</i>	E	V	Absent	None	No

APPENDIX C THREATENED SPECIES ASSESSMENTS OF SIGNIFICANCE

C.1 THREATENED SPECIES CONSERVATION ACT FIVE-PART TEST

Part 7.3 of the *Biodiversity Conservation Act 2016* (BC Act) specifies five factors to be taken into account in deciding whether a development is likely to significantly affect threatened species, populations or ecological communities, or their habitats, listed at the state level under the *Biodiversity Conservation Act 2016*.

This *Five-part Test* characterises the significance of likely impacts associated with the proposal on the following species:

- Barking Owl (*Ninox connivens*) – V BC Act.
- Masked Owl (*Tyto novaehollandiae*) – V BC Act.
- Powerful Owl (*Ninox strenua*) – V BC Act.
- Eastern False Pipistrelle (*Falsistrellus tasmaniensis*) – V BC Act.
- Eastern Freetail-bat (*Mormopterus norfolkensis*) – V BC Act.
- Greater Broad-nosed Bat (*Scoteanax rueppellii*) – V BC Act.
- Yellow-bellied Glider (*Petaurus australis*) – V BC Act.

Species descriptions

Large forest owls

- **Barking Owl**
- **Masked Owl**
- **Powerful Owl**

For the purposes of this assessment, the above threatened owls are assessed together as the proposal is primarily considered to have the potential to affect breeding habitat through the removal of the large hollow-bearing stag. The proposal is not considered to significantly impact foraging habitat.

The Barking Owl is associated with a variety of habitats such as savanna woodland, open eucalypt forests, wetland and riverine forest. The habitat is typically dominated by Eucalypts (often Redgum species). It usually roosts in dense foliage in large trees such as River She-oak (*Allocasuarina cunninghamiana*), other Casuarina and Allocasuarina, eucalypts, Angophora, Acacia and rainforest species from streamside gallery forests. It usually nests near watercourses or wetlands in large tree hollows with entrances averaging 2-29 metres above ground, depending on the forest or woodland structure and the canopy height.

The Masked Owl inhabits dry eucalypt forests of the tablelands and wet-dry forests near the coast. Optimal habitat includes an open understorey and a mosaic of sparse (grassy) and dense (shrubby) ground cover supporting a high density of hollow bearing trees. The species roosts and breeds in moist eucalypt forested gullies, using large tree hollows or sometimes caves and recesses in cliffs. Roost sites within trees occur at 5 m above the ground. The Masked Owl occupies large, permanent home ranges (500 – 1000ha) supporting large trees with heavy canopies for roosting during the day.

The Powerful Owl occurs at low densities in coastal and tableland forest and woodland. It requires large tracts of forest or woodland habitat but can occur in fragmented 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 *Syncarpia glomulifera* (Turpentine), *Allocasuarina littoralis* (Black She-oak), *Acacia melanoxylon* (Blackwood), *Angorophora floribunda* (Rough-barked Apple), *Exocarpus cupressiformis* (Cherry Ballart) and a number of *Eucalypt* species. The main prey items are medium-sized arboreal marsupials, particularly the Greater Glider, Common Ringtail Possum and Sugar Glider. As most prey species require hollows and a shrub layer, these are important habitat components for the owl. The Powerful Owl occupies large, permanent home ranges (400 – 1450 ha) supporting large trees with heavy canopies for roosting during the day. Powerful Owls nest in large tree hollows (at least 0.5 m deep).

Microchiropteran bats

- Eastern Freetail-bat
- Eastern False Pipistrelle
- Greater Broad-nosed Bat

For the purposes of this assessment, the above threatened bats are assessed together as their broad habitat requirements are similar. Most of these species forage for insects above or below the tree canopy, within or at the edges of forested environments, or nearby water bodies. The Eastern Freetail-bat, Eastern False Pipistrelle, and Greater Broad-nosed Bat are largely dependent on hollow-bearing trees for roosting.

Yellow-bellied Glider

The Yellow-bellied Glider lives in family groups of up to about six individuals, occupying large permanent home ranges in coastal forest. The species has specific resource requirements of suitable sized tree hollows, winter flowering Eucalypts to provide nectar and pollen, Eucalypt trees suitable for tapping sap and trees with loose, shedding bark for foraging a range of insect prey. Additionally, honeydew, manna and occasionally *Acacia* gum are used. The species glides between trees rarely coming to the ground and will occupy large home ranges of 30 to 65ha, which comprises of a number of den trees.

a) In the case of a threatened species, whether the action proposed is likely to have an adverse effect on the life cycle of the species such that a viable local population of the species is likely to be placed at risk of extinction.

Forest Owls

Large forest owls are known from the locality and could occur in the works area on occasion. Although, the works area provides marginal foraging opportunities relative to much of the surrounding area. The loss of a minor amount of marginal foraging habitat would not place any owl at risk of extinction.

The stag provides large hollows suitable as potential breeding habitat for these species. While the removal of one tree within the context of the substantial amount of habitat remaining in the locality may not place a population at risk of extinction, it may limit breeding success and put increased pressure on already declining species. The removal of the stag is discussed further in point c).

Microbats

The proposal will remove a very small amount of foraging habitat from the works area. Extensive areas of high quality foraging resources occur in the surrounding landscape. Bat flyways will still be available for microchiropterans after completion of the road and boat ramp upgrade (i.e. the access road will effectively provide the same foraging opportunities, despite being sealed). The proposal will remove a minor amount of common shelter resources (i.e. trees and shrubs) but this resource is widely available within the locality.

Similar to the large forest owls, the removal of the stag has potential to remove breeding and roosting resources for threatened microbats reducing habitat availability within the landscape.

Yellow-bellied Glider

The works area does not support typical habitat used by the Yellow-bellied Glider and no known feed trees (Red Bloodwoods with feeding marks) were identified during the site inspection. Some eucalypts and acacias will be removed which could be used as pollen or insect flowering resources, however, the minor removal of atypical foraging habitat will not affect this species.

The stag provides a possible denning resource for this species given the hollows are large enough to support a glider family and the species is noted for the locality. However, of the species assessed the Yellow-bellied Glider is less likely to occur in the area as it requires large eucalypts to glide through trees, as well as provide access to denning trees. The location of the stag is not optimal as it is somewhat isolated in the existing boat ramp area and the forest type does not provide typical foraging habitat for this species. A precautionary approach has been applied however, as there is still potential for this species to use this stag, especially if other larger hollow-bearing trees are not as readily available in the landscape.

- b) In the case of an endangered ecological community or critically endangered ecological community, whether the proposed development or activity:**
- a. Is likely to have an adverse effect on the extent of the ecological community such that its local occurrence is likely to be placed at risk of extinction.
 - b. Is likely to substantially and adversely modify the composition of the ecological community such that its local occurrence is likely to be placed at risk of extinction.

No endangered ecological communities will be affected by the proposal.

- c) In relation to the habitat of a threatened species or ecological community:**
- i. The extent to which habitat is likely to be removed or modified as a result of the proposed development or activity, and
 - ii. Whether an area of habitat is likely to become fragmented or isolated from other areas of habitat as a result of the proposed development or activity, and
 - iii. The importance of the habitat to be removed, modified, fragmented or isolated to the long-term survival of the species or ecological community in the locality.

i. Effects on extent of habitat

The proposal will remove or modify approximately 0.38 ha of Coastal Shrub Valley Forest and 0.0004 ha of Phragmites Reedland. Only lower quality foraging habitat for the species assessed will be removed. Most of the works area has previously been modified from clearing for the existing access road and public use of the existing boat ramp. The vegetation to be removed to upgrade the road and boat ramp is not considered high quality habitat for any threatened species. The resources to be affected are common and widespread within the locality.

ii. Effects on habitat connectivity

The proposal will not further fragment or isolate any areas of habitat for threatened species as the clearing will result in a minor development footprint that will not affect the movement of the species assessed. Additionally, the site of the proposal is located within an already modified area that has been subject to prior clearing and most of the clearing will be linear in nature along the existing access road. The Lake is surrounded by contiguous vegetation, especially to the east and north, and the species assessed will not be prevented from moving to, or within this vegetation in the wider locality.

iii. Importance of habitat to be affected

The habitat to be directly affected is generally comprised of regrowth forest with modified understorey and groundcover along the existing access road and confined to small patches in the boat ramp area. The works area does not contain particularly important feeding resources for any threatened species. As the species assessed have large homeranges and adequate foraging resources are present directly adjacent to the works area. The loss of a minor amount of foraging habitat is acceptable.

The large hollow-bearing stag, however, is unique to the proposal site and has the potential to be important breeding habitat to the species assessed. Hollows take a large time to form and may only occur in large old trees 100-150 years old. The loss of hollows is a key threatening process for the species assessed and retention of hollows (especially large hollows that takes years to form) across the landscape is key to breeding success and their survival. As the extent of large-hollow bearing trees in the locality is unknown, the stag is an obvious resource for hollow-dependent species and it is possible it could comprise key habitat as part of each species larger homerange. It is recommended that this stag be retained to protect the long-term viability of hollow-dependent species, even if the species assessed are not using the tree at present.

It is unknown if the stag is used by any threatened owl, microbat, or the Yellow-bellied Glider at present or if its removal would affect the long-term survival of these threatened species in the locality given that hollow-bearing tree surveys in the wider area have not been undertaken. However, it is noted as an important habitat feature in the immediate landscape and a precautionary approach has been applied assuming that it provides biodiversity value to threatened hollow-dependent species.

d) Whether the proposed development or activity is likely to have an adverse effect on any declared area of outstanding biodiversity value (either directly or indirectly).

There are no listed areas of 'outstanding biodiversity value' within the works area or locality.

e) Whether the proposed development or activity is part of a key threatening process or is likely to increase the impact of a key threatening process.

Clearing of native vegetation

The clearing of native vegetation is considered a major contributor to the loss of biodiversity. In the determination, the NSW Scientific Committee found that 'clearing of any area of native vegetation, including areas less than two hectares in extent, may have significant impacts on biological diversity'. A maximum of 0.38 ha would be impacted as a result of the proposal. The proposal will contribute to this key threatening process, but the contribution is negligible. The clearing will occur along an existing road where vegetation has been modified and very minor patches of vegetation will be removed for upgrading the existing boat ramp and turn around area. The proposal is not considered to significantly contribute to this KTP as the activity is to improve an existing development, not wide-scale clearing for a new development.

Loss of Hollow-bearing Trees

One large stag supporting several hollows of all sized (small, medium and large) is present in the works area. The removal of this stag would contribute to this key threatening process.

Invasion of native plant communities by exotic perennial grasses

The works area is already modified with some exotic species present. The proposal is not considered to contribute to this KTP beyond that which is already occurring if best practice management measures are undertaken.

To prevent road construction activities from introducing a new key threatening process to the site the weed and pathogen mitigation measures have been recommended in the REF. With the above recommendations adopted, key threatening process 'invasion of exotic perennial grasses' is not likely to occur with the proposed activity.

Alteration to the natural flow regimes of rivers and streams and their floodplains and wetlands

Alteration to natural flow regimes refers to reducing or increasing flows, altering seasonality of flows, changing the frequency, duration, magnitude, timing, predictability and variability of flow events, altering surface and subsurface water levels and changing the rate of rise or fall of water levels.

Impacts associated with altering natural flow regimes, include:

- Diversion of water which reduces flows, leading to a lower distribution of organic matter on which invertebrates and vertebrates depend on;

- The permanent flooding of wetlands which kills vegetation depending on intermittent flooding, decreasing habitat for invertebrates and water birds as a result;
- Riparian zone degradation where changes to flows increases erosion, leading to sedimentation impacts upon aquatic communities;
- Altered flow resulting in deeper and more permanent standing water which permits the establishment and spread of exotic species; and
- Changes to the physical, chemical and biological conditions of rivers and streams which alters biota.

The construction of the proposed works within mapped wetland habitat may be considered a 'key threatening process'. Considering the scope of works and ability of stated mitigation measures to control water quality impacts, these impacts are not anticipated.

APPENDIX D CLAUSE 228 CHECKLIST

A checklist of factors that should be considered in the assessment of impacts prior to its determination is included within Clause 228 of the *Environmental Planning and Assessment Regulation 2000*. This clause identifies sixteen issues that need to be addressed. The following text provides summary details of each of the issues, the majority of which have been addressed within the body of this document.

Factor	Impact
<p>a. Any environmental impact on a community? The works are located within a public reserves of Kalaru. There would be some minor and temporary impacts on the community through amenity and traffic impacts. These impacts have been assessed in Section 5. Positive impacts would be achieved for the community through improved facilities.</p>	<p>Short term negative Long term positive</p>
<p>b. Any transformation of a locality? The proposed works would not transform the locality. The proposal site is an existing public reserve. These would be just upgraded.</p>	<p>Nil</p>
<p>c. Any environmental impact on the ecosystems of the locality? There is potential for impacts to local ecosystems, as discussed in Section 5.4. Safeguards have been recommended to manage risks.</p>	<p>Short term negative</p>
<p>d. Any reduction of the aesthetic, recreational, scientific or other environmental quality or value of a locality? Construction impacts would be temporary and would not result in long term adverse effects to aesthetics, recreational, scientific, or environmental quality. Improved access is considered a positive community impact.</p>	<p>Short term negative Long term positive</p>
<p>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? Heritage impacts are investigated in Sections 5.9 and 5.10. The proposed works are unlikely to impact on any heritage items. Mitigation measures are recommended.</p>	<p>Nil</p>
<p>f. Any impact on the habitat of protected fauna (within the meaning of the <i>Biodiversity Conservation Act 2016</i>)? There is potential for impacts to threatened entities, as discussed Section 5.4. Safeguards have been recommended to manage potential impacts</p>	<p>Short term 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? There is potential for impacts to threatened entities, as discussed in Section 5.4. Safeguards have been recommended to manage potential impacts</p>	<p>Short term negative</p>
<p>h. Any long-term effects on the environment? The proposed works would have no adverse long-term effect on the environment.</p>	<p>Nil</p>
<p>i. Any degradation of the quality of the environment? The proposed works would potentially degrade the quality of the environment in the short-term until the site is stabilised, however the potential impacts would be minimised with the implementation of the safeguards of this REF.</p>	<p>Short term negative</p>

Factor	Impact
<p>j. Any risk to the safety of the environment? Machinery pose a safety hazard to pedestrians, cyclists and vehicles within the area but measures such as fencing or signage would be implemented to minimise this risk during construction. The proposed works would not have any risks to the safety of the environment in the long term.</p>	Short term negative
<p>k. Any reduction in the range of beneficial uses of the environment? There may be some inconvenience and altered traffic and access conditions temporarily during works. Ongoing impacts would not result.</p>	Short term negative
<p>l. Any pollution of the environment? The proposed works could generate pollution risks for soils and water during construction works. These risks would be confined to the construction phase, and are manageable with implementation of the safeguards outlined in Section 5 which include monitoring until stable land surfaces are obtained.</p>	Short term negative
<p>m. Any environmental problems associated with the disposal of waste? Section 5 discusses the waste products associated with the proposal. Specific protocols are set out to manage waste and waste disposal.</p>	Nil
<p>n. Any increased demands on resources (natural or otherwise) that are, or are likely to become, in short supply? The proposal does not require resources that are in short supply.</p>	Nil
<p>o. Any cumulative environmental effect with other existing or likely future activities? The cumulative impacts of the proposal are discussed in Section 5. The proposal may contribute to an accumulation of amenity and traffic impacts, however the effects of this would be minimal due to the temporary nature of the works.</p>	Short term negative
<p>p. Any impact on coastal processes and coastal hazards, including those under projected climate change conditions? Investigation and management of acid sulfate soils is recommended. Design measures are recommended based on projected storm tide events.</p>	Short term negative

APPENDIX E BACKGROUND SEARCHES

NSW OEH BioNet Atlas

ClassName	CommonName	Scientific	NSWStatus	CommStatus
Amphibia	Littlejohn's Tree Frog	Litoria littlejohni	V,P	V
Aves	White-bellied Sea-Eagle	Haliaeetus leucogaster	V,P	C
Aves	Little Eagle	Hieraetus morphnoides	V,P	
Aves	Square-tailed Kite	Lophoictinia isura	V,P,3	
Aves	Eastern Osprey	Pandion cristatus	V,P,3	
Aves	Blue-billed Duck	Oxyura australis	V,P	
Aves	Magpie Goose	Anseranas semipalmata	V,P	
Aves	Australasian Bittern	Botaurus poiciloptilus	E1,P	E
Aves	Black Bittern	Ixobrychus flavicollis	V,P	
Aves	Dusky Woodswallow	Artamus cyanopterus cyanopterus	V,P	
Aves	Gang-gang Cockatoo	Callocephalon fimbriatum	V,P,3	
Aves	Glossy Black-Cockatoo	Calyptorhynchus lathami	V,P,2	
Aves	Lesser Sand-plover	Charadrius mongolus	V,P	E,C,J,K
Aves	Hooded Plover	Thinornis rubricollis	E4A,P	V
Aves	Shy Albatross	Thalassarche cauta	V,P	V
Aves	Diamond Firetail	Stagonopleura guttata	V,P	
Aves	Sooty Oystercatcher	Haematopus fuliginosus	V,P	
Aves	Pied Oystercatcher	Haematopus longirostris	E1,P	
Aves	Little Tern	Sternula albifrons	E1,P	C,J,K
Aves	Regent Honeyeater	Anthochaera phrygia	E4A,P	CE
Aves	White-fronted Chat	Epthianura albifrons	V,P	
Aves	Varied Sittella	Daphoenositta chrysoptera	V,P	
Aves	Olive Whistler	Pachycephala olivacea	V,P	
Aves	Scarlet Robin	Petroica boodang	V,P	
Aves	Flame Robin	Petroica phoenicea	V,P	
Aves	Pink Robin	Petroica rodinogaster	V,P	
Aves	Southern Giant Petrel	Macronectes giganteus	E1,P	E
Aves	Little Lorikeet	Glossopsitta pusilla	V,P	
Aves	Swift Parrot	Lathamus discolor	E1,P,3	CE
Aves	Turquoise Parrot	Neophema pulchella	V,P,3	
Aves	Eastern Ground Parrot	Pezoporus wallicus wallicus	V,P,3	
Aves	Sanderling	Calidris alba	V,P	C,J,K
Aves	Curlew Sandpiper	Calidris ferruginea	E1,P	CE,C,J,K
Aves	Eastern Curlew	Numenius madagascariensis	P	CE,C,J,K
Aves	Barking Owl	Ninox connivens	V,P,3	
Aves	Powerful Owl	Ninox strenua	V,P,3	
Aves	Masked Owl	Tyto novaehollandiae	V,P,3	
Aves	Sooty Owl	Tyto tenebricosa	V,P,3	
Mammalia	Southern Right Whale	Eubalaena australis	E1,P	E
Mammalia	Humpback Whale	Megaptera novaeangliae	V,P	V
Mammalia	Eastern Pygmy-possum	Cercartetus nanus	V,P	
Mammalia	Spotted-tailed Quoll	Dasyurus maculatus	V,P	E
Mammalia	White-footed Dunnart	Sminthopsis leucopus	V,P	
Mammalia	Dugong	Dugong dugon	E1,P	
Mammalia	Eastern Freetail-bat	Mormopterus norfolkensis	V,P	
Mammalia	Australian Fur-seal	Arctocephalus pusillus doriferus	V,P	
Mammalia	Southern Brown Bandicoot (east)	Isodon obesulus obesulus	E1,P	E
Mammalia	Yellow-bellied Glider	Petaurus australis	V,P	
Mammalia	Squirrel Glider	Petaurus norfolcensis	V,P	
Mammalia	Koala	Phascolarctos cinereus	V,P	V
Mammalia	Long-nosed Potoroo	Potorous tridactylus	V,P	V
Mammalia	Greater Glider	Petauroides volans	P	V
Mammalia	Grey-headed Flying-fox	Pteropus poliocephalus	V,P	V
Mammalia	Eastern False Pipistrelle	Falsistrellus tasmaniensis	V,P	

Mammalia	Eastern Bentwing-bat	<i>Miniopterus schreibersii oceanensis</i>	V,P	
Mammalia	Southern Myotis	<i>Myotis macropus</i>	V,P	
Mammalia	Greater Broad-nosed Bat	<i>Scoteanax rueppellii</i>	V,P	
Reptilia	Hawksbill Turtle	<i>Eretmochelys imbricata</i>	P	V
Flora	Thick-leaf Star-hair	<i>Astrotricha crassifolia</i>	V,P	V
Flora	Narrow-leafed Wilsonia	<i>Wilsonia backhousei</i>	V,P	
Flora	Matted Bush-pea	<i>Pultenaea pedunculata</i>	E1,P	
Flora	Bega Wattle	<i>Acacia georgensis</i>	V,P	V
Flora	Narrow-leaved Black Peppermint	<i>Eucalyptus nicholii</i>	V,P	V
Flora	Yellow Loosestrife	<i>Lysimachia vulgaris</i> var. <i>davurica</i>	E1,P,3	
Flora	Bodalla Pomaderris	<i>Pomaderris bodalla</i>	V,P	
Flora	Hidden Violet	<i>Viola cleistogamoides</i>	E1,P,3	

EPBC Protected Matters Search Tool



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: 31/07/18 12:02:56

[Summary](#)

[Details](#)

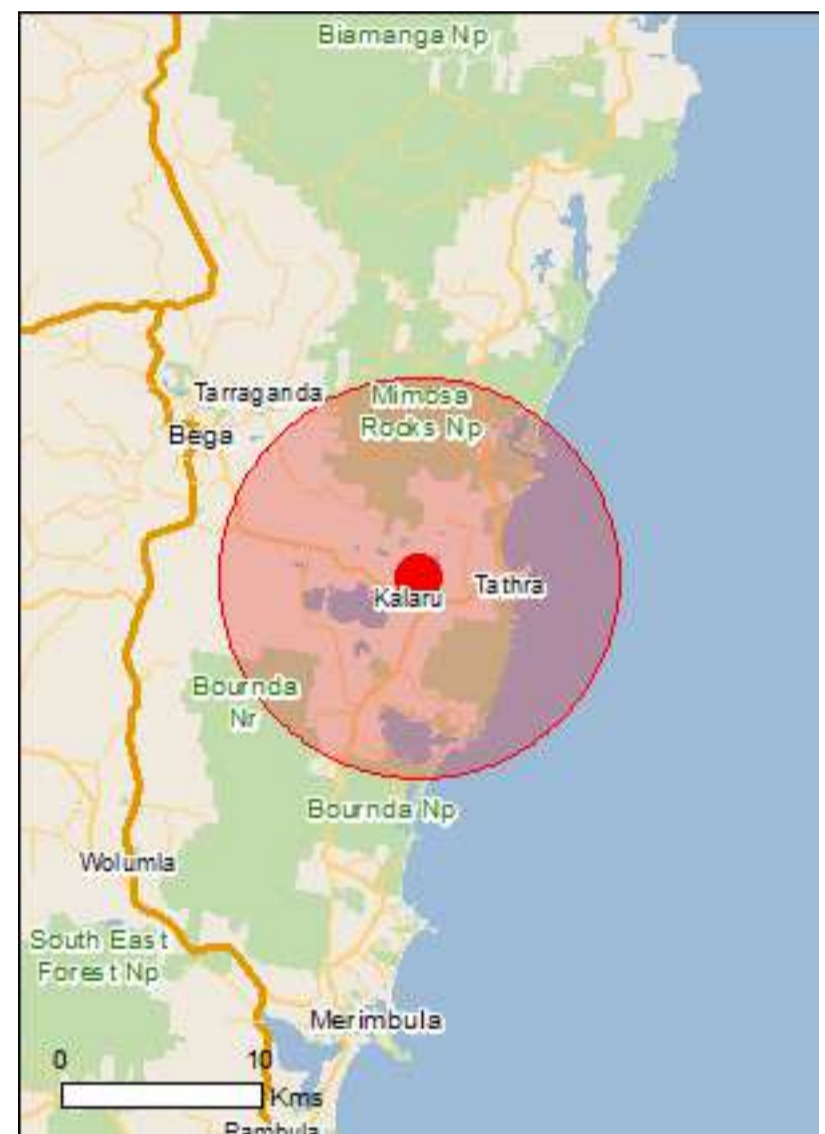
[Matters of NES](#)

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

[Extra Information](#)

[Caveat](#)

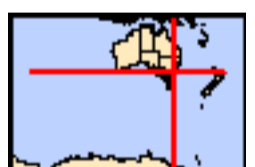
[Acknowledgements](#)



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[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:	3
Listed Threatened Species:	68
Listed Migratory Species:	52

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:	83
Whales and Other Cetaceans:	14
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:	5
Regional Forest Agreements:	1
Invasive Species:	37
Nationally Important Wetlands:	3
Key Ecological Features (Marine)	1

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
Littoral Rainforest and Coastal Vine Thickets of Eastern Australia	Critically Endangered	Community likely to occur within area
Lowland Grassy Woodland in the South East Corner Bioregion	Critically Endangered	Community likely to occur within area
Subtropical and Temperate Coastal Saltmarsh	Vulnerable	Community likely to 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 known to occur within area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat likely to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
Dasyornis brachypterus Eastern Bristlebird [533]	Endangered	Species or species habitat likely to occur within area
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea antipodensis gibsoni Gibson's Albatross [82270]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea epomophora Southern Royal Albatross [89221]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely

Name	Status	Type of Presence
Fregetta grallaria grallaria White-bellied Storm-Petrel (Tasman Sea), White-bellied Storm-Petrel (Australasian) [64438]	Vulnerable	to occur within area Species or species habitat likely to occur within area
Grantiella picta Painted Honeyeater [470]	Vulnerable	Species or species habitat may occur within area
Halobaena caerulea Blue Petrel [1059]	Vulnerable	Species or species habitat may occur within area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat known to occur within area
Limosa lapponica baueri Bar-tailed Godwit (baueri), Western Alaskan Bar-tailed Godwit [86380]	Vulnerable	Species or species habitat may occur within area
Limosa lapponica menzbieri Northern Siberian Bar-tailed Godwit, Bar-tailed Godwit (menzbieri) [86432]	Critically Endangered	Species or species habitat may occur within area
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Neophema chrysogaster Orange-bellied Parrot [747]	Critically Endangered	Species or species habitat may occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area
Pachyptila turtur subantarctica Fairy Prion (southern) [64445]	Vulnerable	Species or species habitat known to occur within area
Phoebetria fusca Sooty Albatross [1075]	Vulnerable	Species or species habitat may occur within area
Pterodroma leucoptera leucoptera Gould's Petrel, Australian Gould's Petrel [26033]	Endangered	Species or species habitat may occur within area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat may occur within area
Sternula nereis nereis Australian Fairy Tern [82950]	Vulnerable	Breeding known to occur within area
Thalassarche bulleri Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area
Thalassarche bulleri platei Northern Buller's Albatross, Pacific Albatross [82273]	Vulnerable	Species or species habitat may occur within area
Thalassarche cauta cauta Shy Albatross, Tasmanian Shy Albatross [82345]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area

Name	Status	Type of Presence
Thalassarche cauta_steadi White-capped Albatross [82344]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Thalassarche eremita Chatham Albatross [64457]	Endangered	Foraging, feeding or related behaviour likely to occur within area
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Thalassarche salvini Salvin's Albatross [64463]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Thinornis rubricollis_rubricollis Hooded Plover (eastern) [66726]	Vulnerable	Species or species habitat known to occur within area
Fish		
Epinephelus daemeli Black Rockcod, Black Cod, Saddled Rockcod [68449]	Vulnerable	Species or species habitat may occur within area
Prototroctes maraena Australian Grayling [26179]	Vulnerable	Species or species habitat known to occur within area
Frogs		
Heleioporus australiacus Giant Burrowing Frog [1973]	Vulnerable	Species or species habitat likely 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		
Balaenoptera borealis Sei Whale [34]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat may occur within area
Balaenoptera physalus Fin Whale [37]	Vulnerable	Foraging, feeding or related behaviour likely 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
Eubalaena australis Southern Right Whale [40]	Endangered	Species or species habitat known to occur within area
Isoodon obesulus_obesulus Southern Brown Bandicoot (eastern), Southern	Endangered	Species or species

Name	Status	Type of Presence
Brown Bandicoot (south-eastern) [68050]		habitat known to occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Foraging, feeding or related behaviour 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 likely 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 within area
Pseudomys fumeus Smoky Mouse, Konoom [88]	Endangered	Species or species habitat may occur within area
Pteropus poliocephalus Grey-headed Flying-fox [186]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Plants		
Acacia georgensis Bega Wattle [9848]	Vulnerable	Species or species habitat known to occur within area
Astrotricha crassifolia Thick-leaf Star-hair [10352]	Vulnerable	Species or species habitat may occur within area
Caladenia tessellata Thick-lipped Spider-orchid, Daddy Long-legs [2119]	Vulnerable	Species or species habitat likely to occur within area
Correa baeuerlenii Chef's Cap [17007]	Vulnerable	Species or species habitat likely to occur within area
Cryptostylis hunteriana Leafless Tongue-orchid [19533]	Vulnerable	Species or species habitat may occur within area
Thesium australe Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat likely to occur within area
Zieria tuberculata Warty Zieria [56736]	Vulnerable	Species or species habitat may occur within area
Reptiles		
Caretta caretta Loggerhead Turtle [1763]	Endangered	Breeding likely to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Foraging, feeding or related behaviour known

Name	Status	Type of Presence
Natator depressus Flatback Turtle [59257]	Vulnerable	to occur within area Breeding likely to occur within area
Sharks		
Carcharias taurus (east coast population) Grey Nurse Shark (east coast population) [68751]	Critically Endangered	Species or species habitat likely to occur within area
Carcharodon carcharias White Shark, Great White Shark [64470]	Vulnerable	Species or species habitat known to occur within area
Rhincodon typus Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area
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
Ardenna carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [82404]		Species or species habitat likely to occur within area
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea epomophora Southern Royal Albatross [89221]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Phoebastria fusca Sooty Albatross [1075]	Vulnerable	Species or species habitat may occur within area
Sternula albifrons Little Tern [82849]		Breeding likely to occur within area
Thalassarche bulleri Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area
Thalassarche cauta Tasmanian Shy Albatross [89224]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Thalassarche eremita Chatham Albatross [64457]	Endangered	Foraging, feeding or related behaviour likely

Name	Threatened	Type of Presence
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	to occur within area Species or species habitat may occur within area
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Thalassarche salvini Salvin's Albatross [64463]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Thalassarche steadi White-capped Albatross [64462]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Migratory Marine Species		
Balaena glacialis australis Southern Right Whale [75529]	Endangered*	Species or species habitat known to occur within area
Balaenoptera borealis Sei Whale [34]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat may occur within area
Balaenoptera physalus Fin Whale [37]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Caperea marginata Pygmy Right Whale [39]		Foraging, feeding or related behaviour likely to occur within area
Carcharodon carcharias White Shark, Great White Shark [64470]	Vulnerable	Species or species habitat known to occur within area
Caretta caretta Loggerhead Turtle [1763]	Endangered	Breeding likely to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area
Lamna nasus Porbeagle, Mackerel Shark [83288]		Species or species habitat likely to occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Foraging, feeding or related behaviour known to occur within area

Name	Threatened	Type of Presence
Natator depressus Flatback Turtle [59257]	Vulnerable	Breeding likely to occur within area
Orcinus orca Killer Whale, Orca [46]		Species or species habitat likely to occur within area
Rhincodon typus Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area
Migratory Terrestrial Species		
Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat known to occur within area
Hirundapus caudacutus White-throated Needletail [682]		Species or species habitat known to occur within area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to 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 known to occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat known to occur within area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat likely to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Foraging, feeding or related behaviour may occur within area
Gallinago megala Swinhoe's Snipe [864]		Foraging, feeding or related behaviour likely to occur within area
Gallinago stenura Pin-tailed Snipe [841]		Foraging, feeding or related behaviour likely to occur within area
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat known to occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area

Name	Threatened	Type of Presence
Numenius minutus Little Curlew, Little Whimbrel [848]		Foraging, feeding or related behaviour likely to occur within area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to 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		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat known to 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 known 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 known to occur within area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat likely to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Catharacta skua Great Skua [59472]		Species or species habitat may occur within

Name	Threatened	Type of Presence area
Cuculus saturatus Oriental Cuckoo, Himalayan Cuckoo [710]		Species or species habitat known to occur within area
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea epomophora Southern Royal Albatross [89221]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea gibsoni Gibson's Albatross [64466]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Foraging, feeding or related behaviour may occur within area
Gallinago megala Swinhoe's Snipe [864]		Foraging, feeding or related behaviour likely to occur within area
Gallinago stenura Pin-tailed Snipe [841]		Foraging, feeding or related behaviour likely to occur within area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area
Halobaena caerulea Blue Petrel [1059]	Vulnerable	Species or species habitat may occur within area
Hirundapus caudacutus White-throated Needletail [682]		Species or species habitat known to occur within area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat known to occur within area
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat known to occur within area
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may 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

Name	Threatened	Type of Presence
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area
Neophema chrysogaster Orange-bellied Parrot [747]	Critically Endangered	Species or species habitat may occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area
Numenius minutus Little Curlew, Little Whimbrel [848]		Foraging, feeding or related behaviour likely to occur within area
Pachyptila turtur Fairy Prion [1066]		Species or species habitat known to occur within area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area
Phoebetria fusca Sooty Albatross [1075]	Vulnerable	Species or species habitat may occur within area
Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Species or species habitat likely to occur within area
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 may occur within area
Sterna albifrons Little Tern [813]		Breeding likely to occur within area
Thalassarche bulleri Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area
Thalassarche cauta Tasmanian Shy Albatross [89224]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Thalassarche eremita Chatham Albatross [64457]	Endangered	Foraging, feeding or related behaviour likely to occur within area
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Thalassarche salvini Salvin's Albatross [64463]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Thalassarche sp. nov. Pacific Albatross [66511]	Vulnerable*	Species or species habitat may occur within area
Thalassarche steadi White-capped Albatross [64462]	Vulnerable*	Foraging, feeding or

Name	Threatened	Type of Presence
Thinornis rubricollis Hooded Plover [59510]		related behaviour likely to occur within area Species or species habitat known to occur within area
Thinornis rubricollis rubricollis Hooded Plover (eastern) [66726]	Vulnerable	Species or species habitat known to occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area
Fish		
Heraldia nocturna Upside-down Pipefish, Eastern Upside-down Pipefish, Eastern Upside-down Pipefish [66227]		Species or species habitat may occur within area
Hippocampus abdominalis Big-belly Seahorse, Eastern Potbelly Seahorse, New Zealand Potbelly Seahorse [66233]		Species or species habitat may occur within area
Hippocampus breviceps Short-head Seahorse, Short-snouted Seahorse [66235]		Species or species habitat may occur within area
Hippocampus minotaur Bullneck Seahorse [66705]		Species or species habitat may occur within area
Hippocampus whitei White's Seahorse, Crowned Seahorse, Sydney Seahorse [66240]		Species or species habitat may occur within area
Histiogamphelus briggsii Crested Pipefish, Briggs' Crested Pipefish, Briggs' Pipefish [66242]		Species or species habitat may occur within area
Histiogamphelus cristatus Rhino Pipefish, Macleay's Crested Pipefish, Ring-back Pipefish [66243]		Species or species habitat may occur within area
Hypselognathus rostratus Knifesnout Pipefish, Knife-snouted Pipefish [66245]		Species or species habitat may occur within area
Kaupus costatus Deepbody Pipefish, Deep-bodied Pipefish [66246]		Species or species habitat may occur within area
Kimblaeus bassensis Trawl Pipefish, Bass Strait Pipefish [66247]		Species or species habitat may occur within area
Leptoichthys fistularius Brushtail Pipefish [66248]		Species or species habitat may occur within area
Lissocampus runa Javelin Pipefish [66251]		Species or species habitat may occur within area
Maroubra perserrata Sawtooth Pipefish [66252]		Species or species habitat may occur within area
Mitotichthys semistriatus Halfbanded Pipefish [66261]		Species or species habitat may occur within area
Mitotichthys tuckeri Tucker's Pipefish [66262]		Species or species

Name	Threatened	Type of Presence
Notiocampus ruber Red Pipefish [66265]		habitat may occur within area Species or species habitat may occur within area
Phyllopteryx taeniolatus Common Seadragon, Weedy Seadragon [66268]		Species or species habitat may occur within area
Solegnathus robustus Robust Pipehorse, Robust Spiny Pipehorse [66274]		Species or species habitat may occur within area
Solegnathus spinosissimus Spiny Pipehorse, Australian Spiny Pipehorse [66275]		Species or species habitat may occur within area
Stigmatopora argus Spotted Pipefish, Gulf Pipefish, Peacock Pipefish [66276]		Species or species habitat may occur within area
Stigmatopora nigra Widebody Pipefish, Wide-bodied Pipefish, Black Pipefish [66277]		Species or species habitat may occur within area
Stipecampus cristatus Ringback Pipefish, Ring-backed Pipefish [66278]		Species or species habitat may occur within area
Syngnathoides biaculeatus Double-end Pipehorse, Double-ended Pipehorse, Alligator Pipefish [66279]		Species or species habitat may occur within area
Urocampus carinirostris Hairy Pipefish [66282]		Species or species habitat may occur within area
Vanacampus margaritifer Mother-of-pearl Pipefish [66283]		Species or species habitat may occur within area
Vanacampus phillipi Port Phillip Pipefish [66284]		Species or species habitat may occur within area
Vanacampus poecilolaemus Longsnout Pipefish, Australian Long-snout Pipefish, Long-snouted Pipefish [66285]		Species or species habitat may occur within area
Mammals		
Arctocephalus forsteri Long-nosed Fur-seal, New Zealand Fur-seal [20]		Species or species habitat may occur within area
Arctocephalus pusillus Australian Fur-seal, Australo-African Fur-seal [21]		Species or species habitat may occur within area
Reptiles		
Caretta caretta Loggerhead Turtle [1763]	Endangered	Breeding likely to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Foraging, feeding or related behaviour known

Name	Threatened	Type of Presence
Natator depressus Flatback Turtle [59257]	Vulnerable	to occur within area Breeding likely to occur within area
Whales and other Cetaceans		[Resource Information]
Name	Status	Type of Presence
Mammals		
Balaenoptera acutorostrata Minke Whale [33]		Species or species habitat may occur within area
Balaenoptera borealis Sei Whale [34]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat may occur within area
Balaenoptera physalus Fin Whale [37]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Caperea marginata Pygmy Right Whale [39]		Foraging, feeding or related behaviour likely to occur within area
Delphinus delphis Common Dolphin, Short-beaked Common Dolphin [60]		Species or species habitat may occur within area
Eubalaena australis Southern Right Whale [40]	Endangered	Species or species habitat known to occur within area
Grampus griseus Risso's Dolphin, Grampus [64]		Species or species habitat may occur within area
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Orcinus orca Killer Whale, Orca [46]		Species or species habitat likely to occur within area
Tursiops aduncus Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin [68418]		Species or species habitat likely to occur within area
Tursiops truncatus s. str. Bottlenose Dolphin [68417]		Species or species habitat may occur within area

Extra Information

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

Name	State
Bournda	NSW
Bournda	NSW
Mimosa Rocks	NSW
Mumbulla	NSW
Tanja	NSW

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

Note that all areas with completed RFAs have been included.

Name	State
Eden 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
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Birds

Acridotheres tristis Common Myna, Indian Myna [387]		Species or species habitat likely to occur within area
Alauda arvensis Skylark [656]		Species or species habitat likely to occur within area
Anas platyrhynchos Mallard [974]		Species or species habitat likely to occur within area
Carduelis carduelis European Goldfinch [403]		Species or species habitat likely to occur within area
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Passer domesticus House Sparrow [405]		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
Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur

Name	Status	Type of Presence
Feral deer Feral deer species in Australia [85733]		within area 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 rattus Black Rat, Ship Rat [84]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area
Plants		
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
Asparagus scandens Asparagus Fern, Climbing Asparagus Fern [23255]		Species or species habitat likely to 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
Genista linifolia Flax-leaved Broom, Mediterranean Broom, Flax Broom [2800]		Species or species habitat likely to 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		Species or species

Name	Status	Type of Presence
Tussock, Nassella Tussock (NZ) [18884]		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 area
Rubus fruticosus aggregate Blackberry, European Blackberry [68406]		Species or species habitat likely to occur within area
Salix spp. except S.babylonica, S.x calodendron & S.x reichardtii Willows except Weeping Willow, Pussy Willow and Sterile Pussy Willow [68497]		Species or species habitat likely to occur within area
Salvinia molesta Salvinia, Giant Salvinia, Aquarium Watermoss, Kariba Weed [13665]		Species or species habitat likely to occur within area
Senecio madagascariensis Fireweed, Madagascar Ragwort, Madagascar Groundsel [2624]		Species or species habitat likely to occur within area
Ulex europaeus Gorse, Furze [7693]		Species or species habitat likely to occur within area

Nationally Important Wetlands [\[Resource Information \]](#)

Name	State
Bondi Lake	NSW
Nelson Lagoon	NSW
Wallagoot Lagoon (Wallagoot Lake)	NSW

Key Ecological Features (Marine) [\[Resource Information \]](#)

Key Ecological Features are the parts of the marine ecosystem that are considered to be important for the biodiversity or ecosystem functioning and integrity of the Commonwealth Marine Area.

Name	Region
Upwelling East of Eden	South-east

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

-36.72899 149.9412

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.

EPA Contaminated Lands Record of Notices EPA List of NSW

List of NSW Contaminated Sites Notified to EPA as of 02 July 2018

Background

A strategy to systematically assess, prioritise and respond to notifications under Section 60 of the *Contaminated Land Management Act 1997* (CLM Act) has been developed by the EPA. This strategy acknowledges the EPA's obligations to make information available to the public under *Government Information (Public Access) Act 2009*.

When a site is notified to the EPA, it may be accompanied by detailed site reports where the owner has been proactive in addressing the contamination and its source. However, often there is minimal information on the nature or extent of the contamination.

For some notifications, the information indicates the contamination is securely immobilised within the site, such as under a building or carpark, and is not currently causing any offsite consequences to the community or environment. Such sites would still need to be cleaned up, but this could be done in conjunction with any subsequent building or redevelopment of the land. These sites may not require intervention under the CLM Act, but could be dealt with through the planning and development consent process.

Where indications are that the nominated site is causing actual harm to the environment or an unacceptable offsite impact (i.e. it is a "significantly contaminated site"), the EPA would apply the regulatory provisions of the CLM Act to have the responsible polluter and/or landowner investigate and remediate the site.

As such, the sites notified to the EPA and presented in the following table are at various stages of the assessment and/or remediation process. Understanding the nature of the underlying contamination, its implications and implementing a remediation program where required, can take a considerable period of time. The tables provide an indication, in relation to each nominated site, as to the management status of that particular site. Further detailed information may be available from the EPA or the responsible landowner.

The following questions and answers may assist those interested in this issue:

Frequently asked questions

What is the difference between the "List of NSW Contaminated Sites Notified to the EPA" and the "Contaminated Land: Record of Notices"?

A site will be on the Contaminated Land: Record of Notices only if the EPA has issued a regulatory notice in relation to the site under the *Contaminated Land Management Act 1997*.

The sites appearing on this "List of NSW contaminated sites notified to the EPA" indicate that the notifiers consider that the sites are contaminated and warrant reporting to the EPA. However, the contamination may or may not be significant enough to warrant regulation by the EPA. The EPA needs to review and, if necessary, obtain more information before it can make a determination as to whether the site warrants regulation.

Why my site appears on the list?

Your site appears on the list because of one or more of the following reasons:

- The site owner and/or the person partly or fully responsible for causing the contamination notified to the EPA about the contamination under Section 60 of the *Contaminated Land Management Act 1997*. In other words, the site owner or the “polluter” believes the site is contaminated.
- The EPA has been notified via other means and is satisfied that the site is or was contaminated.

Does the list contain all contaminated sites in NSW?

No. The list only contains contaminated sites that the EPA is aware of, with regard to its regulatory role under the CLM Act. An absence of a site from the list does not necessarily imply the site is not contaminated.

The EPA relies upon responsible parties to notify contaminated sites.

How are these notified contaminated sites managed by the EPA?

There are different ways that the EPA manages these notified contaminated sites. First, an initial assessment is carried out by the EPA. At the completion of the initial assessment, the EPA may take one or more than one of the following management approaches:

- The contamination warrants the EPA’s direct regulatory intervention either under the *Contaminated Land Management Act 1997* or the *Protection of the Environment Operations Act 1997* (POEO Act), or both. Information about current or past regulatory action on this site can be found on EPA website.
- The contamination with respect to the current use or approved use of the site, as defined under the *Contaminated Land Management Act 1997*, is not significant enough that it warrants EPA regulation.
- The contamination does not require EPA regulation and can be managed by a planning approval process.
- The contamination is related to an operational Underground Petroleum Storage System, such as a service station or fuel depot. The contamination may be managed under the POEO Act and the Protection of the Environment Operation (Underground Petroleum Storage Systems) Regulation 2014.
- The contamination is being managed under a specifically tailored program operated by another agency (for example t
- he Department of Industry and Investment’s *Derelict Mines Program*).

I am the owner of a site that appears on the list. What should I do?

First of all, you should ensure the current use of the site is compatible with the site contamination. Secondly, if the site is the subject of EPA regulation, make sure you comply with the regulatory requirements, and you have considered your obligations to notify other parties who may be affected.

If you have any concerns, contact us and we may be able to offer you general advice, or direct you to accredited professionals who can assist with specific issues.

I am a prospective buyer of a site that appears on the list. What should I do?

You should seek advice from the vendor to put the contamination issue into perspective. You may need to seek independent expert advice.

The information provided in the list is meant to be indicative only, and a starting point for your own assessment. Site contamination as a legacy of past site uses is not uncommon,

particularly in an urbanised environment. If the contamination on a site is properly remediated or managed, it may not materially impact upon the intended future use of the site. However, each site needs to be considered in context.

List of NSW Contaminated Sites Notified to the EPA

Disclaimer

The EPA has taken all reasonable care to ensure that the information in the list of contaminated sites notified to the EPA (the list) is complete and correct. The EPA does not, however, warrant or represent that the list is free from errors or omissions or that it is exhaustive.

The EPA may, without notice, change any or all of the information in the list at any time.

You should obtain independent advice before you make any decision based on the information in the list.

The list is made available on the understanding that the EPA, its servants and agents, to the extent permitted by law, accept no responsibility for any damage, cost, loss or expense incurred by you as a result of:

1. any information in the list; or
2. any error, omission or misrepresentation in the list; or
3. any malfunction or failure to function of the list;
4. without limiting (2) or (3) above, any delay, failure or error in recording, displaying or updating information.

Site Status	Explanation
Under assessment	The contamination is being assessed by the EPA to determine whether regulation is required. The EPA may require further information to complete the assessment. For example, the completion of management actions regulated under the planning process or <i>Protection of the Environment Operations Act 1997</i> . Alternatively, the EPA may require information via a notice issued under s77 of the <i>Contaminated Land Management Act 1997</i> or issue a Preliminary Investigation Order.
Regulation under CLM Act not required	The EPA has completed an assessment of the contamination and decided that regulation under the <i>Contaminated Land Management Act 1997</i> is not required.
Regulation being finalised	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the <i>Contaminated Land Management Act 1997</i> . A regulatory approach is being finalised.

Contamination currently regulated under CLM Act	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the <i>Contaminated Land Management Act 1997</i> (CLM Act). Management of the contamination is regulated by the EPA under the CLM Act. Regulatory notices are available on the EPA's Contaminated Land Public Record .
Contamination currently regulated under POEO Act	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. Management of the contamination is regulated under the <i>Protection of the Environment Operations Act 1997</i> (POEO Act). The EPA's regulatory actions under the POEO Act are available on the POEO public register .
Contamination being managed via the planning process (EP&A Act)	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. The contamination of this site is managed by the consent authority under the <i>Environmental Planning and Assessment Act 1979</i> (EP&A Act) planning approval process, with EPA involvement as necessary to ensure significant contamination is adequately addressed. The consent authority is typically a local council or the Department of Planning and Environment.
Contamination formerly regulated under the CLM Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation under the <i>Contaminated Land Management Act 1997</i> (CLM Act). The contamination was addressed under the CLM Act.
Contamination formerly regulated under the POEO Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed under the <i>Protection of the Environment Operations Act 1997</i> (POEO Act).
Contamination was addressed via the planning process (EP&A Act)	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed by the appropriate consent authority via the planning process under the <i>Environmental Planning and Assessment Act 1979</i> (EP&A Act).
Ongoing maintenance required to manage residual contamination (CLM Act)	The EPA has determined that ongoing maintenance, under the <i>Contaminated Land Management Act 1997</i> (CLM Act), is required to manage the residual contamination. Regulatory notices under the CLM Act are available on the EPA's Contaminated Land Public Record .

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
ABBOTSFORD	Former Gasworks	83 Wymston PARADE	Gasworks	Contamination formerly regulated under the CLM Act	-33.85288351	151.1265979
ABBOTSFORD	Former Gasworks	82, 83, 84 Wymston Pde, & 37, 39, 43, 45 St Albans STREET	Gasworks	Contamination formerly regulated under the CLM Act	-33.85288316	151.1267729
ABBOTSFORD	Former Gasworks	43 St Albans STREET	Gasworks	Contamination formerly regulated under the CLM Act	-33.85270604	151.126976
ABBOTSFORD	Former Gasworks	85 Wymston PARADE	Gasworks	Regulation under CLM Act not required	-33.85265214	151.1266277
ABBOTSFORD	Former Gasworks	80-81 Wymston Pde and 35 and 41 St Albans STREET	Gasworks	Regulation under CLM Act not required	-33.85306653	151.1268142
ABERDEEN	Former Transport Depot	87-89 St Andrew STREET	Other Industry	Regulation under CLM Act not required	-32.17160931	150.8972859
ALBION PARK	Caltex Albion Park Service Station	1 Calderwood ROAD	Service Station	Regulation under CLM Act not required	-34.57131362	150.7647971
ALBION PARK RAIL	Caltex Service Station	174 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.56134097	150.7953663
ALBION PARK RAIL	Caltex Service Station	31 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.55162786	150.7880626
ALBION PARK RAIL	Former Timber Storage Area	36 Rivulet CRESCENT	Other Industry	Regulation under CLM Act not required	-34.54872597	150.7899351
ALBURY	Former Gasworks and surrounding commercial land.	441 Kiewa STREET	Gasworks	Contamination currently regulated under CLM Act	-36.08357983	146.9137004
ALBURY	Former Thales Australia site, Albury	161 Fallon STREET	Other Industry	Contamination currently regulated under CLM Act	-36.064966	146.9434831
ALBURY	Former Caltex Service Station	624 Young STREET	Service Station	Contamination formerly regulated under the CLM Act	-36.07555262	146.9256466
ALBURY	Mobil Depot, Railway Place Albury	1 Railway PLACE	Other Petroleum	Regulation under CLM Act not required	-36.08526805	146.9236999
ALBURY	Woolworths Petrol	515 Young STREET	Service Station	Regulation under CLM Act not required	-36.08073723	146.92351
ALBURY	Former Caltex Service Station	842 David STREET	Service Station	Regulation under CLM Act not required	-36.06398743	146.9252143
ALBURY	SRA Land, 514 to 526 Young Street	514 to 526 Young STREET	Other Petroleum	Regulation under CLM Act not required	-36.08084123	146.9241682
ALBURY	Coles Express Albury	465 Guinea STREET	Service Station	Regulation under CLM Act not required	-36.07513665	146.9213077
ALBURY	Albury Plaza	Cnr Smollett Street and Townsend STREET	Other Industry	Regulation under CLM Act not required	-36.08112933	146.9135719
ALBURY	Mobil Albury Aviation Fuel Depot	Hangar 8 (Albury Airport), Ogden PLACE	Other Petroleum	Regulation under CLM Act not required	-36.07178139	146.9530165
ALBURY	SRA Land	448 and 452 Young STREET	Unclassified	Regulation under CLM Act not required	-36.08438605	146.9235454
ALBURY	Caltex Service Station	Dean Street, Corner Creek STREET	Service Station	Regulation under CLM Act not required	-36.07978937	146.9110825
ALEXANDRIA	Australia Post	10-24 Ralph STREET	Other Industry	Contamination being managed via the planning process (EP&A Act)	-33.91583041	151.197997
ALEXANDRIA	Alexandra Canal Sediments	Off Huntley STREET	Unclassified	Contamination currently regulated under CLM Act	-33.92204213	151.1770009
ALEXANDRIA	Former Cadbury Schweppes	49-59 O'Riordan STREET	Other Industry	Contamination formerly regulated under the CLM Act	-33.91406619	151.195067

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
ALEXANDRIA	Former Mobil Service Station	20 O'Riordan STREET	Service Station	Regulation under CLM Act not required	-33.9075539	151.2014811
ALEXANDRIA	Caltex Alexandria Service Station	133 Wyndham St, cnr McEvoy STREET	Service Station	Regulation under CLM Act not required	-33.90220927	151.2000425
ALEXANDRIA	Mascot Developments	494-504 Gardeners ROAD	Other Industry	Regulation under CLM Act not required	-33.9198218	151.191282
ALEXANDRIA	Alexandria GoGas	562 Botany ROAD	Service Station	Regulation under CLM Act not required	-33.91577222	151.2000753
ALEXANDRIA	Australian Refined Alloys	202-212 Euston ROAD	Metal Industry	Regulation under CLM Act not required	-33.91505136	151.185872
ALEXANDRIA	Perry Park	1B Maddox STREET	Landfill	Regulation under CLM Act not required	-33.90809949	151.1962945
ALEXANDRIA	Alexandria Gardens	146-156 Wyndham St & 146-156 Botany Rd	Unclassified	Regulation under CLM Act not required	-33.89956961	151.1997377
ALEXANDRIA	Former Industrial Site (now Value Suites)	16 O'Riordan STREET	Other Industry	Regulation under CLM Act not required	-33.9069796	151.201902
ALEXANDRIA	Formerly Gas N Go Alexandria (fully redeveloped into residential	10-20 Botany ROAD	Service Station	Under assessment	-33.895363	151.198779
ALEXANDRIA	Sydney Park	Sydney Park, Alexandria ROAD	Landfill	Under assessment	-33.91163421	151.1840827
ALSTONVILLE	Caltex Service Station Alstonville	73 Main STREET	Service Station	Regulation under CLM Act not required	-28.84115994	153.4388699
AMBARVALE	Caltex Service Station	37 Woodhouse DRIVE	Service Station	Regulation under CLM Act not required	-34.08438034	150.8019168
ANNANDALE	7-Eleven (former Mobil) Annandale Service Station	198 Parramatta ROAD	Service Station	Regulation under CLM Act not required	-33.88706434	151.1741135
ANNANDALE	Shell Coles Express Service Station	124-126 Johnston STREET	Service Station	Regulation under CLM Act not required	-33.88085651	151.1704805
APPIN	Elladale Creek Aqueduct Upper Canal	Macquariedale ROAD	Unclassified	Regulation under CLM Act not required	-34.18867067	150.7539597
APPIN	West Cliff Colliery	Wedderburn ROAD	Other Petroleum	Regulation under CLM Act not required	-34.21970612	150.8217522
ARDLETHAN	Landmark Fertiliser Storage Facility	18 & 24-26 Ariah STREET	Chemical Industry	Regulation under CLM Act not required	-34.35696645	146.9007084
ARGENTON	NSW Mines Rescue Services - Argenton	533 Lake ROAD	Other Industry	Regulation under CLM Act not required	-32.93807208	151.6269664
ARMIDALE	Gasworks and portion of Harris Park	Corner of Beardy Street and Allingham STREET	Gasworks	Contamination currently regulated under CLM Act	-30.51157406	151.6623073
ARMIDALE	Former Mobil Depot	132 Niagara STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-30.51115918	151.6490343
ARMIDALE	RTA land adjoining Martin Street estate	adjoining Martin STREET	Other Industry	Contamination formerly regulated under the CLM Act	-30.5045	151.6433
ARMIDALE	Martin Street , Crown Land	Martin STREET	Other Industry	Contamination formerly regulated under the CLM Act	-30.50414076	151.6429516
ARMIDALE	Caltex Service Station	146 Miller STREET	Service Station	Regulation under CLM Act not required	-30.51362759	151.6481123
ARMIDALE	Shell Service Station	93 Marsh STREET	Service Station	Regulation under CLM Act not required	-30.51299824	151.6697557
ARMIDALE	Parklands near the former gasworks	Beardy Street and Allingham STREET	Gasworks	Regulation under CLM Act not required	-30.51013465	151.6652722

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
ARMIDALE	Martin Street Estate, Lot 3	Lot 3 Martin STREET	Other Industry	Regulation under CLM Act not required	-30.5066659	151.6453692
ARMIDALE	Martin Street Estate	Martin STREET	Other Industry	Regulation under CLM Act not required	-30.50559024	151.6431854
ARMIDALE	Caltex Armidale Girraween Service Station	6-8 Queen Elizabeth DRIVE	Service Station	Regulation under CLM Act not required	-30.50348872	151.6510748
ARMIDALE	Former Shell Depot	134 Niagara STREET	Other Petroleum	Regulation under CLM Act not required	-30.51180178	151.6488634
ARMIDALE	Caltex Service Station	144 Marsh STREET	Service Station	Regulation under CLM Act not required	-30.51709925	151.6675802
ARMIDALE	Caltex North Hill Service Station	2-4 Marsh STREET	Service Station	Regulation under CLM Act not required	-30.50320439	151.6727051
ARMIDALE	Mobil Armidale Service Station and Former Depot	10-12 McLennan STREET	Service Station	Regulation under CLM Act not required	-30.51107573	151.648242
ARMIDALE	Caltex Service Station	19/10541 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-30.53210764	151.6160492
ARMIDALE	Armidale Dumaresq Council Grafton Road Depot	15-25 Grafton ROAD	Other Petroleum	Regulation under CLM Act not required	-30.52058076	151.6815261
ARNCLIFFE	7-Eleven Arncliffe	28 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-33.93428397	151.1525438
ARTARMON	7-Eleven (former Mobil) Artarmon Service Station	477 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.81053826	151.1774248
ASHBY	Ashby Dry Dock	via Clarence STREET	Other Industry	Contamination formerly regulated under the CLM Act	-29.44158377	153.1972304
ASHFIELD	Vehicle Workshop	445-449 Liverpool ROAD	Service Station	Regulation under CLM Act not required	-33.88826829	151.1167477
ASQUITH	BP Service Station	462 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.68982678	151.106156
ATTUNGA	Attunga Limestone Mine (Waste Oil Site)	Garthowen ROAD	Other Industry	Regulation under CLM Act not required	-30.92920627	150.8579435
AUBURN	Former Ajax chemical factory	9 Short STREET	Other Industry	Contamination currently regulated under CLM Act	-33.83671601	151.0292071
AUBURN	Department of Corrective Services land adjacent to the former	Jamieson STREET	Landfill	Contamination formerly regulated under the CLM Act	-33.82928257	151.0590653
AUBURN	DIC Australia	323 Chisholm ROAD	Other Industry	Regulation under CLM Act not required	-33.87228962	151.0157032
AUBURN	Janyon	Manchester ROAD	Other Industry	Regulation under CLM Act not required	-33.84467826	151.020745
AUBURN	Maintrain Facility - Sydney Trains Auburn	Manchester ROAD	Other Industry	Regulation under CLM Act not required	-33.84410947	151.0242502
AWABA	Awaba Colliery	Wilton ROAD	Other Industry	Regulation under CLM Act not required	-33.02098186	151.5383612
BALGOWLAH	BP Service Station	Cnr Sydney Road and Maretimo STREET	Service Station	Regulation under CLM Act not required	-33.79546175	151.2559309
BALGOWLAH	Part of Manly Council Maintenance Depot	8-10 Roseberry STREET	Other Petroleum	Regulation under CLM Act not required	-33.78928907	151.2679557
BALGOWNIE	Fuel Power Plus	99 Balgownie ROAD	Service Station	Under assessment	-34.38925632	150.8808544
BALLINA	Former Mobil Service Station	37-41 Cherry STREET	Service Station	Regulation under CLM Act not required	-28.87022308	153.5620713

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
BALLINA	Ballina Shell	273 River STREET	Service Station	Regulation under CLM Act not required	-28.86809272	153.5552789
BALLINA	Woolworths Petrol	Kerr STREET	Service Station	Regulation under CLM Act not required	-28.85824461	153.5605439
BALLINA	Ballina Mays Motors	River STREET	Other Petroleum	Regulation under CLM Act not required	-28.86935402	153.5585931
BALRANALD	Caltex Service Station	Sturt HIGHWAY	Service Station	Regulation under CLM Act not required	-34.66747746	143.5662034
BANKSIA	Woolworths Petrol Service Station Banksia	314 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-33.94567308	151.1416884
BANKSMEADOW	Orica Botany Groundwater Project	16-20 Beauchamp ROAD	Chemical Industry	Contamination currently regulated under CLM Act	-33.9552673	151.2151954
BANKSMEADOW	Orica Botany (Pre-2003 Regulation)	Port Feeder ROAD	Chemical Industry	Contamination currently regulated under CLM Act	-33.9516159	151.2195804
BANKSMEADOW	Orica Former Chlor Alkali Plant	Botany Industrial	Chemical Industry	Contamination currently regulated under CLM Act	-33.95664283	151.221685
BANKSMEADOW	Pacific National Rail Siding	Beauchamp ROAD	Unclassified	Contamination currently regulated under CLM Act	-33.95757712	151.2204974
BANKSMEADOW	Caltex Terminal	1-3 Penrhyn ROAD	Other Petroleum	Contamination currently regulated under POEO Act	-33.96335328	151.2171062
BANKSMEADOW	Orica Car Park Waste Encapsulation	Corish CIRCLE	Landfill	Contamination currently regulated under POEO Act	-33.94703665	151.22083
BANKSMEADOW	Discovery Cove, Former Ampol Rail Terminal	1801 Botany ROAD	Other Petroleum	Regulation being finalised	-33.96162178	151.2184122
BANKSMEADOW	Former Pipeline	Corish CIRCLE	Other Petroleum	Regulation being finalised	-33.94705787	151.2209919
BANKSMEADOW	Former Mobil Banksmeadow Terminal	Coal Pier ROAD	Other Petroleum	Regulation under CLM Act not required	-33.95405624	151.2142048
BANKSTOWN	7-Eleven Service Station	689 Henry Lawson DRIVE	Service Station	Regulation under CLM Act not required	-33.92749953	150.9804784
BANORA POINT	Caltex Service Station	Corner Leisure Drive and Darlington DRIVE	Service Station	Regulation under CLM Act not required	-28.21390712	153.5417434
BARGO	Tahmoor Colliery	Remembrance DRIVE	Other Industry	Regulation under CLM Act not required	-34.25090795	150.5793631
BARMEDMAN	Caltex - Barmedman	Corner Watson Street and Star STREET	Other Petroleum	Regulation under CLM Act not required	-34.14351302	147.3824934
BARRACK HEIGHTS	Caltex Service Station	332-336 Shellharbour ROAD	Service Station	Regulation under CLM Act not required	-34.56489171	150.8597814
BATEAU BAY	Former landfill	The Entrance ROAD	Landfill	Contamination currently regulated under CLM Act	-33.3938305	151.4699046
BATEAU BAY	Woolworths Service Station Bateau Bay	9 Bay Village ROAD	Service Station	Regulation under CLM Act not required	-33.37316432	151.4737125
BATEHAVEN	Caltex Service Station	264 Beach ROAD	Service Station	Regulation under CLM Act not required	-35.73255166	150.1997536
BATEHAVEN	Coles Express Service Station Batehaven	198 Beach ROAD	Service Station	Regulation under CLM Act not required	-35.72671807	150.1944931
BATEMANS BAY	Caltex Service Station	87-89 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-35.71940701	150.1762788
BATHURST	Former Police Station	Corner of William Street and Durham STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-33.41592424	149.5842233

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
BATHURST	Former Gasworks	71 Russell STREET	Gasworks	Contamination formerly regulated under the CLM Act	-33.42420302	149.5864517
BATHURST	Shell Coles Express Service Station	(Cnr Stewart and Rocket Street) 298 Stewart STREET	Service Station	Regulation under CLM Act not required	-33.41910999	149.5677773
BATHURST	Former Shell Depot Bathurst	56 Bant STREET	Other Petroleum	Regulation under CLM Act not required	-33.43471575	149.5774595
BATHURST	Bathurst Rail Fabrication Centre	34 Alpha STREET	Other Industry	Regulation under CLM Act not required	-33.43037796	149.5821533
BATHURST	Bathurst - Former Caltex Depot	114 Howick STREET	Other Petroleum	Regulation under CLM Act not required	-33.42296963	149.5862574
BATHURST	Caltex Bathurst Service Station	53 Durham STREET	Service Station	Regulation under CLM Act not required	-33.41689545	149.5848527
BATHURST	Former Mobil Depot	1 Lambert STREET	Other Petroleum	Regulation under CLM Act not required	-33.42875534	149.5806344
BATHURST	Crago Mill site	Piper STREET	Other Industry	Regulation under CLM Act not required	-33.42777602	149.5809428
BATHURST	Former Mobil Depot	Lower Russell STREET	Other Petroleum	Regulation under CLM Act not required	-33.42497876	149.585128
BATHURST	Shell Coles Express Bathurst Service Station	59 Durham STREET	Service Station	Regulation under CLM Act not required	-33.41639415	149.5843243
BATHURST	Devro Cattle Hide Processing Plant	46 Vale ROAD	Other Industry	Regulation under CLM Act not required	-33.43926137	149.5803563
BAULKHAM HILLS	Caltex Baulkham Hills Service Station	117 Seven Hills ROAD	Service Station	Regulation under CLM Act not required	-33.76139872	150.9750767
BAULKHAM HILLS	Caltex Service Station	130 Seven Hills ROAD	Service Station	Regulation under CLM Act not required	-33.76180431	150.9746297
BAULKHAM HILLS	Shell Coles Express Service Station	363 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.7601819	150.9916224
BEACON HILL	Caltex Service Station	176 Warringah ROAD	Service Station	Contamination currently regulated under CLM Act	-33.75381485	151.2602617
BEACON HILL	Former 7 - Eleven Service Station, Beacon Hill	312 Warringah ROAD		Regulation under CLM Act not required	-33.7515497	151.2469442
BEACONSFIELD	63-85 Victoria St, Beaconsfield	63-85 Victoria STREET	Other Industry	Regulation under CLM Act not required	-33.9102929	151.2016275
BEGA	Coles Express (former Caltex) Service Station	2-6 Swan (Corner Carp) STREET	Service Station	Regulation under CLM Act not required	-36.67388263	149.838163
BEGA	Former BP Service Station	100 - 102 Gipps STREET	Service Station	Regulation under CLM Act not required	-36.67563094	149.8433291
BEGA	Caltex Service Station	36-40 Lagoon STREET	Service Station	Regulation under CLM Act not required	-36.66832965	149.8289048
BEGA	Former Bega Gasworks	19-29 Upper STREET	Gasworks	Under assessment	-36.67710613	149.8480253
BEGA	Lands Adjoining the Former Bega Gasworks	Part of Upper, East, Gordon & Gloucester STREET	Gasworks	Under assessment	-36.67710613	149.8480253
BELMONT	Coles Express Belmont Service Station	502 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.03317155	151.6605194
BELMONT	Former Ampol Service Station	467-469 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.0299728	151.6613301
BELMONT NORTH	Woolworths Service Station Belmont North	399 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.02454211	151.6634893

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BELMONT NORTH	Caltex Belmont North Service Station	406 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.02476876	151.6623655
BELMONT NORTH	Belmont Bus Depot	2 Floraville ROAD	Other Petroleum	Regulation under CLM Act not required	-33.02476269	151.6606657
BELMORE	SRA Land	348 Burwood ROAD	Unclassified	Regulation under CLM Act not required	-33.91753611	151.0859487
BELMORE	7-Eleven Service Station	792-794 Canterbury ROAD	Service Station	Regulation under CLM Act not required	-33.92567992	151.0873469
BELROSE	Glenrose Shopping Centre	56-58 Glen STREET	Unclassified	Contamination currently regulated under CLM Act	-33.73917996	151.2101029
BELROSE	Woolworths Petrol	60 Glen STREET	Service Station	Regulation under CLM Act not required	-33.74009002	151.2091045
BELROSE	Caltex Service Station	157 Forest WAY	Service Station	Regulation under CLM Act not required	-33.7347675	151.2212004
BERESFIELD	BP Beresfield Truckstop	2 Kinta Drive, corner John Renshaw DRIVE	Service Station	Regulation under CLM Act not required	-32.81122768	151.6393427
BERESFIELD	Former Koppers Timber Treatment Site	53 Weakleys DRIVE	Other Industry	Regulation under CLM Act not required	-32.79902937	151.6358846
BERKELEY VALE	Former Berkeley Vale Service Station	121-123 Lakedge AVENUE	Service Station	Regulation under CLM Act not required	-33.34899186	151.4423109
BERKSHIRE PARK	Shell Coles Express Berkshire Park	746 - 752 Richmond ROAD	Service Station	Regulation under CLM Act not required	-33.66508654	150.7990243
BEROWRA	Caltex Berowra Service Station	12-14 Berowra Waters ROAD	Service Station	Regulation under CLM Act not required	-33.6233827	151.1505554
BEROWRA	7-Eleven Berowra Service Station	965-969 Pacific (Cnr Waratah Rd) HIGHWAY	Service Station	Regulation under CLM Act not required	-33.62673163	151.1479171
BEROWRA	Shell Coles Express Berowra	955 Pacific (Cnr Yallabee Rd) HIGHWAY	Service Station	Regulation under CLM Act not required	-33.62818015	151.1475736
BEROWRA	42 Berowra Waters Road	42 Berowra Waters ROAD	Unclassified	Regulation under CLM Act not required	-33.6203211	151.1482454
BERRIGAN	Caltex Service Station Berrigan	155-165 Chanter STREET	Service Station	Regulation under CLM Act not required	-35.6557616	145.8015557
BERRY	Berry Service Centre - Shell Branded	88 Queen STREET	Service Station	Regulation under CLM Act not required	-34.77571634	150.6961713
BERRY	Shell Berry - Now BP branded	75 Queen STREET	Service Station	Under assessment	-34.77500516	150.695167
BEXLEY	7-Eleven Bexley	474 Forest ROAD	Service Station	Regulation under CLM Act not required	-33.95160096	151.1252355
BEXLEY	7-Eleven (former Mobil) Service Station Bexley	613 Forest ROAD	Service Station	Regulation under CLM Act not required	-33.95539246	151.118447
BILLINUDGEL	CSR Readymix	Mogo PLACE	Other Industry	Regulation under CLM Act not required	-28.50210255	153.5278161
BILLINUDGEL	Billinudgel General Store	2A Wilfred STREET	Service Station	Under assessment	-28.504315	153.527035
BLACKMANS FLAT	Mount Piper Extension Development Site	2847 Boulder ROAD	Other Industry	Regulation under CLM Act not required	-33.35619968	150.0279881
BLACKMANS FLAT	Lamberts Gully Mine	Castlereagh HIGHWAY	Other Industry	Regulation under CLM Act not required	-33.36713827	150.0483236
BLACKTOWN	Former Caltex Service Station	131 Richmond ROAD	Service Station	Regulation under CLM Act not required	-33.75866104	150.8962614

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BLACKTOWN	Valspar Blacktown	4 Steel STREET	Chemical Industry	Regulation under CLM Act not required	-33.75425018	150.9127714
BLACKTOWN	Land at Reservoir Road	Reservoir ROAD	Unclassified	Regulation under CLM Act not required	-33.79119448	150.8967838
BLACKTOWN	7-Eleven Service Station	60 Walters ROAD	Service Station	Regulation under CLM Act not required	-33.77599783	150.8948926
BLAKEHURST	Woolworths Service Station Blakehurst	390 Princes HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.990197	151.11361
BLAKEHURST	The Bay Nursing Home	392-394 Princes HIGHWAY	Service Station	Under assessment	-33.99030465	151.1140293
BLAXLAND	7-Eleven (former Mobil) Service Station	137 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.74627	150.6137669
BOAMBEE	Lindsay Bros transport depot site	542 Pacific HIGHWAY	Other Petroleum	Regulation under CLM Act not required	-30.33106848	153.0802985
BOAMBEE	BP-branded (former Mobil) Boambee Service Station	601 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-30.33544287	153.0817266
BOBS FARM	Bob's Farm	15 Fenningham Island ROAD	Other Industry	Regulation under CLM Act not required	-32.74867207	152.0316217
BOGGABILLA	Former Caltex Service Station	90 Simpson Street, corner Newell HIGHWAY	Service Station	Regulation under CLM Act not required	-28.60654029	150.3571056
BOGGABILLA	Lowes (Former Mobil) Depot	Newell HIGHWAY	Other Petroleum	Regulation under CLM Act not required	-28.61023985	150.3529156
BOMADERRY	Caltex Service Station	341 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.84561952	150.5946978
BOMADERRY	Caltex Service Station	246 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.83833824	150.5958799
BOMADERRY	Former Mobil Emoleum Depot	7 Victa WAY	Other Petroleum	Regulation under CLM Act not required	-34.84454618	150.6139462
BOMADERRY	Former Shell Depot	44 Railway STREET	Other Petroleum	Regulation under CLM Act not required	-34.85193621	150.6117038
BOMADERRY	SRA Land	Lot 2 Meroo	Unclassified	Regulation under CLM Act not required	-34.85314813	150.6099573
BOMADERRY	Bomaderry Works Depot	10 McIntyre WAY	Other Petroleum	Regulation under CLM Act not required	-34.84576748	150.6131411
BOMADERRY	Commercial Land	320 Princes HIGHWAY	Other Industry	Under assessment	-34.84424073	150.5958149
BOMBALA	Caltex Service Station Bombala	159-161 Maybe STREET	Service Station	Regulation under CLM Act not required	-36.91234945	149.2374622
BOMBALA	Former Bright Street Timber Mill	Bright STREET	Other Industry	Regulation under CLM Act not required	-36.91547645	149.2302454
BOMBALA	Caltex Bombala Service Station	High Street corner Stephen STREET	Service Station	Regulation under CLM Act not required	-36.90447935	149.241292
BOMBALA	Prime Pine site	Sandy LANE	Other Industry	Regulation under CLM Act not required	-36.9315425	149.2110959
BOMEN	Caltex Terminal	34 Lewington STREET	Other Petroleum	Regulation under CLM Act not required	-35.0700202	147.4121955
BONDI	BP-branded Service Station	185 Bondi ROAD	Service Station	Regulation under CLM Act not required	-33.89432208	151.2647671
BONDI	Caltex Service Station Bondi	51 Bondi ROAD	Service Station	Regulation under CLM Act not required	-33.8936307	151.260001

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BONDI JUNCTION	Waverley Bus Depot	1-15 Oxford STREET	Other Industry	Regulation under CLM Act not required	-33.89165341	151.2421246
BONNY HILLS	Bonny View Store	923 Ocean DRIVE	Service Station	Regulation under CLM Act not required	-31.59075636	152.8392935
BONNYRIGG	Metro Bonnyrigg (Formerly United & AP SAVER)	709 Cabramatta ROAD	Service Station	Contamination currently regulated under POEO Act	-33.893058	150.892476
BONNYRIGG HEIGHTS	BP-Branded Service Station Bonnyrigg	451 North Liverpool ROAD	Service Station	Regulation under CLM Act not required	-33.89416327	150.8578378
BOOLAROO	Cockle Creek and Cockle Bay Sediments	Off Creek Reserve ROAD	Metal Industry	Contamination currently regulated under CLM Act	-32.96079541	151.6141327
BOOLAROO	Pasminco Cockle Creek Smelter	Lake ROAD	Metal Industry	Contamination currently regulated under CLM Act	-32.94434593	151.6307345
BOOLAROO	Incitec Pivot	13 Main STREET	Other Industry	Contamination formerly regulated under the CLM Act	-32.94803538	151.6302187
BOOLAROO	Bunnings Site - Pasminco Cockle Creek	13a Main ROAD	Metal Industry	Contamination formerly regulated under the CLM Act	-32.94364503	151.6252316
BOOLAROO	Cardiff West Estate - Pasminco Cockle Creek	Adjacent to PCC Smelter at 13A Main ROAD	Metal Industry	Regulation under CLM Act not required	-32.93950137	151.6349183
BOOROWA	Mobil Service Station	63-69 Marsden STREET	Service Station	Contamination formerly regulated under the CLM Act	-34.44157331	148.7162391
BOOROWA	Former Mobil Depot	14-16 Brial STREET	Other Petroleum	Regulation under CLM Act not required	-34.43673234	148.7300821
BOTANY	Botany, Underwood	14a Underwood AVENUE	Unclassified	Contamination being managed via the planning process (EP&A Act)	-33.94508532	151.1947626
BOTANY	Former Industrial Site	28 Folkestone PARADE	Unclassified	Contamination being managed via the planning process (EP&A Act)	-33.95187539	151.1960537
BOTANY	Nuplex Resins	49-61 Stephen ROAD	Chemical Industry	Contamination currently regulated under CLM Act	-33.952588	151.21101
BOTANY	Former Aerosols of Australia	1617 Botany ROAD	Chemical Industry	Regulation under CLM Act not required	-33.9529386	151.2037468
BOTANY	Former Tannery	2 Daniel STREET	Other Industry	Regulation under CLM Act not required	-33.94126194	151.1991087
BOTANY	Roads and Maritime Service	5 - 9 Lord STREET	Other Industry	Regulation under CLM Act not required	-33.94100279	151.1968763
BOURKE	Caltex Service Station	82-86 Anson STREET	Service Station	Regulation under CLM Act not required	-30.09500388	145.9414388
BOURKE	Former Shell Bourke Depot	94-106 Anson STREET	Service Station	Regulation under CLM Act not required	-30.09548497	145.9436745
BOWENFELS	Bowenfels Field Support Centre	9-13 Coerwull ROAD	Other Petroleum	Regulation under CLM Act not required	-33.47514572	150.1323899
BOWRAL	Former Gasworks	Merrigang STREET	Gasworks	Contamination currently regulated under CLM Act	-34.4783957	150.4255053
BOWRAL	Shell Coles Express Bowral Service Station	430 Bong Bong STREET	Service Station	Regulation under CLM Act not required	-34.48269596	150.417389
BOX HILL	Former Waste Management Facility	25 Terry ROAD	Landfill	Regulation under CLM Act not required	-33.65559259	150.8977986
BOX HILL	Former Poultry Farm	27-33 Boundary ROAD	Other Industry	Under assessment	-33.64868299	150.8816163
BOX HILL	Former Poultry Farm	19-25 Boundary ROAD	Other Industry	Under assessment	-33.64975248	150.8819725

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BRANXTON	Former Service Station Branxton	70 Maitland STREET	Service Station	Under assessment	-32.65647051	151.3516199
BREWARRINA	Dowell's Fuel	39 Doyle STREET	Service Station	Regulation under CLM Act not required	-29.96152786	146.8612561
BRIGHTON-LE-SANDS	Shell Service Station Brighton Le Sands & adjacent land	2 General Holmes DRIVE	Service Station	Contamination formerly regulated under the CLM Act	-33.9579214	151.1578665
BRIGHTON-LE-SANDS	Cook Park	General Holmes DRIVE	Service Station	Contamination formerly regulated under the CLM Act	-33.9581072	151.1579572
BROADMEADOW	Former Industrial Site	16 Broadmeadow ROAD	Service Station	Regulation under CLM Act not required	-32.91444096	151.7300112
BROADMEADOW	Nineways Broadmeadow Coles Express SS	Corner Bruncker Road and Lambton ROAD	Service Station	Regulation under CLM Act not required	-32.92511185	151.7364247
BROKEN HEAD	South Byron Sewage Treatment Works	Broken Head ROAD	Other Industry	Regulation under CLM Act not required	-28.67233626	153.6148974
BROKEN HILL	Caltex Service Station	73-87 Oxide STREET	Service Station	Contamination currently regulated under CLM Act	-31.95519591	141.4658647
BROKEN HILL	Former Gasworks	Cornish STREET	Gasworks	Contamination formerly regulated under the CLM Act	-31.96330562	141.4470611
BROKEN HILL	Former Caltex Depot	3 Kanandah ROAD	Service Station	Regulation under CLM Act not required	-31.98341823	141.4332211
BROKEN HILL	Former Caltex Service Station	167-173 Argent STREET	Service Station	Regulation under CLM Act not required	-31.96066663	141.4624175
BROKEN HILL	Caltex Service Station	535 Argent STREET	Service Station	Regulation under CLM Act not required	-31.95311924	141.4745274
BROKEN HILL	Tasco Petroleum (Former Mobil) Depot	5 Kanandah ROAD	Other Petroleum	Regulation under CLM Act not required	-31.9843986	141.4329127
BROKEN HILL	Former Mobil Aviation Refuelling Facility, Broken Hill Airport	Airport ROAD	Other Petroleum	Regulation under CLM Act not required	-31.99928312	141.4685759
BROKEN HILL	Former Mobil Depot	Corner Of Talc Street and Gossan STREET	Other Petroleum	Regulation under CLM Act not required	-31.96018102	141.4514752
BROOKLYN	Former Oyster Farm	139 Brooklyn (Off Government) ROAD	Unclassified	Regulation under CLM Act not required	-33.54716867	151.2229744
BROOKVALE	Coles Express Service Station Brookvale	198 Harbord ROAD	Service Station	Regulation under CLM Act not required	-33.76332299	151.2794028
BROOKVALE	Woolworths Petrol Brookvale	756 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.76170587	151.2762411
BROOKVALE	Caltex Service Station Brookvale	740-742 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.76146721	151.2745358
BROOKVALE	Brookvale Bus Depot	630-636 Pittwater ROAD	Other Petroleum	Regulation under CLM Act not required	-33.76641698	151.2705659
BROOKVALE	AMP Warringah Mall	Cnr Condamine Street, Old Pittwater Rd & Cross STREET	Other Industry	Regulation under CLM Act not required	-33.76729923	151.2657272
BROOKVALE	Littles Dry Cleaning	123 Old Pittwater ROAD	Other Industry	Regulation under CLM Act not required	-33.76759121	151.2625932
BROOKVALE	Harrison Manufacturing	75 Old Pittwater ROAD	Other Industry	Under assessment	-33.76497282	151.2637961
BROWNSVILLE	Caltex Service Station	342 Kanahooka ROAD	Service Station	Regulation under CLM Act not required	-34.48591734	150.8064373
BRUNSWICK HEADS	Caltex Service Station	5 Tweed STREET	Service Station	Regulation under CLM Act not required	-28.5381619	153.5487135

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BUDGEWOI	Colongra Power Station	Off Scenic DRIVE	Other Industry	Under assessment	-33.21463137	151.5529338
BULAHDELAH	Caltex Service Station	8 Red Gum Road, Corner Mahogany STREET	Service Station	Regulation under CLM Act not required	-32.39837094	152.2106015
BULAHDELAH	Former Caltex Service Station	53-59 Bulahdelah WAY	Service Station	Regulation under CLM Act not required	-32.40721638	152.2110291
BULAHDELAH	BP-branded (former Mobil) Service Station	73-75 Bulahdelah WAY	Service Station	Regulation under CLM Act not required	-32.40971018	152.2105785
BULLABURRA	Former Burmah Bullaburra Service Station	367 - 369 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.72482995	150.4124537
BULLI	Scrap Yard	7 Molloy STREET	Other Industry	Contamination currently regulated under CLM Act	-34.33663195	150.9131154
BULLI	Bulli Brickworks	Quilkey PLACE	Other Industry	Regulation under CLM Act not required	-34.33263113	150.9086247
BUNGENDORE	Former Timber Treatment Plant	Corner King Street and Butmaroo STREET	Other Industry	Contamination formerly regulated under the CLM Act	-35.26151273	149.4434907
BURONGA	Caltex Service Station	Sturt Hwy Cnr Silver City HIGHWAY	Service Station	Regulation under CLM Act not required	-34.17056496	142.1813847
BURWOOD	Burwood STA Depot	Cnr Shaftesbury and Parramatta ROADS	Other Industry	Contamination formerly regulated under the CLM Act	-33.86982934	151.1089057
BYRON BAY	Residential Development	Lot 15 Seaview STREET	Unclassified	Regulation under CLM Act not required	-28.65214464	153.6165573
BYRON BAY	Butler Street Reserve Byron Bay	Butler STREET	Landfill	Under assessment	-28.6434329	153.6101099
CABARITA	Dulux (Orica Australia)	Cabarita ROAD	Chemical Industry	Contamination formerly regulated under the CLM Act	-33.84643972	151.1157115
CABARITA	Cabarita Wellcome	33 Phillips STREET	Landfill	Ongoing maintenance required to manage residual contamination	-33.85250251	151.1176366
CABRAMATTA	Caltex Service Station Cabramatta	168 John STREET	Service Station	Regulation under CLM Act not required	-33.89422314	150.9279279
CALGA	Former service station	101 Peats Ridge ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.37592138	151.2254951
CALLALA BEACH	Callala Beach General Store	(formerly 1 Quay Rd) 114A Quay ROAD	Service Station	Regulation under CLM Act not required	-35.0101817	150.6964322
CAMBRIDGE GARDENS	Caltex Cambridge Park	1 Boomerang PLACE	Service Station	Regulation under CLM Act not required	-33.74068794	150.717174
CAMDEN	Camden High School (former)	John STREET	Gasworks	Regulation under CLM Act not required	-34.05114079	150.6951285
CAMDEN	Caltex Camden Service Station	21 Barsden STREET	Service Station	Regulation under CLM Act not required	-34.05808413	150.6914744
CAMDEN SOUTH	Coles Express Service Station Camden South	273 Old Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-34.08660995	150.6945444
CAMELLIA	Hymix Concrete	14 Grand AVENUE	Metal Industry	Contamination currently regulated under CLM Act	-33.82243454	151.044789
CAMELLIA	James Hardie Factory (former, eastern portion)	1 Grand AVENUE	Other Industry	Contamination currently regulated under CLM Act	-33.8182384	151.0261019
CAMELLIA	Bitumen Manufacturer	12 Grand AVENUE	Other Industry	Contamination currently regulated under CLM Act	-33.82189695	151.0429251
CAMELLIA	Former Asciano Properties	39 Grand AVENUE	Chemical Industry	Contamination currently regulated under CLM Act	-33.82056014	151.0443331

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CAMELLIA	Former Akzo Nobel site	6 Grand AVENUE	Chemical Industry	Contamination currently regulated under CLM Act	-33.82238826	151.0319264
CAMELLIA	Veolia	37 Grand AVENUE	Chemical Industry	Contamination currently regulated under CLM Act	-33.81980027	151.0430689
CAMELLIA	Former Shell Clyde Refinery	Durham STREET	Other Industry	Contamination currently regulated under POEO Act	-33.82804924	151.0378966
CAMELLIA	Sydney Water	41 Grand AVENUE	Chemical Industry	Contamination formerly regulated under the CLM Act	-33.8217493	151.0453367
CAMELLIA	Mauri Foods	15 Grand AVENUE	Other Industry	Regulation being finalised	-33.81996985	151.0335725
CAMELLIA	Hambear	14 Thackeray STREET	Metal Industry	Regulation under CLM Act not required	-33.81920482	151.0419394
CAMELLIA	Railway Land	27 Grand AVENUE	Other Industry	Regulation under CLM Act not required	-33.81910822	151.0382483
CAMELLIA	Council Reserve	11B Grand AVENUE	Metal Industry	Regulation under CLM Act not required	-33.81850502	151.0302425
CAMELLIA	Maritime Services Board	33A Grand AVENUE	Metal Industry	Regulation under CLM Act not required	-33.81836086	151.0401249
CAMELLIA	Wrigg	13 Grand AVENUE	Metal Industry	Under assessment	-33.81971361	151.0321525
CAMMERAY	Tunks Park	Brothers AVENUE	Landfill	Contamination formerly regulated under the CLM Act	-33.81734704	151.2113338
CAMMERAY	Coles Express Cammeray	477-483 Miller STREET	Service Station	Regulation under CLM Act not required	-33.82141124	151.2108658
CAMPBELLTOWN	Mobil Service Station	96-98 Queen STREET	Service Station	Regulation under CLM Act not required	-34.06407588	150.8170082
CAMPBELLTOWN	BP Macarthur Service Station	Cnr Blaxland ROAD and Campbelltown ROAD	Service Station	Regulation under CLM Act not required	-34.05312872	150.8234349
CAMPBELLTOWN	Former vehicle wrecking yard	38 Blaxland ROAD	Other Industry	Regulation under CLM Act not required	-34.06055735	150.8130598
CAMPERDOWN	O'Dea Reserve	Salisbury LANE	Landfill	Contamination formerly regulated under the CLM Act	-33.89072786	151.1736948
CAMPERDOWN	Former Gee Graphics	27 Church STREET	Other Industry	Regulation under CLM Act not required	-33.88737747	151.1773616
CAMPERDOWN	The Spruce	12-14 Marsden STREET	Other Industry	Regulation under CLM Act not required	-33.88720632	151.1784514
CAMPSIE	Budget Petroleum and adjacent property	403 Canterbury Road and 1 Una STREET	Service Station	Contamination currently regulated under CLM Act	-33.91605617	151.1086596
CAMPSIE	Former Sunbeam factory	60 Charlotte STREET	Other Industry	Contamination formerly regulated under the CLM Act	-33.92254225	151.1025796
CANLEY HEIGHTS	Former Caltex Canley Heights	368 Canley Vale ROAD	Service Station	Regulation under CLM Act not required	-33.88271081	150.9154176
CANLEY HEIGHTS	Caltex Canley Heights Service Station	280-286 Canley Vale ROAD	Service Station	Regulation under CLM Act not required	-33.88393501	150.9241656
CANLEY VALE	Coles Express Lansvale	99 Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-33.89295753	150.9606136
CANLEY VALE	Former Mobil Service Station	96 Canley Vale ROAD	Service Station	Regulation under CLM Act not required	-33.88591573	150.9369801
CANOWINDRA	BP-branded Jasbe Service Station	76 Rodd STREET	Service Station	Regulation under CLM Act not required	-33.56131773	148.6682805

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
CANTERBURY	Metro Petroleum Service Station	13-19 Canterbury ROAD	Service Station	Contamination currently regulated under CLM Act	-33.90783455	151.125207
CARDIFF	7-Eleven Service Station	399 Main ROAD	Service Station	Regulation under CLM Act not required	-32.93391137	151.6562111
CARDIFF	Former Caltex Service Station	367 Main ROAD	Service Station	Regulation under CLM Act not required	-32.93761223	151.6577781
CARDIFF	Maneela Oval	Main ROAD	Other Industry	Regulation under CLM Act not required	-32.93018443	151.6435559
CARDIFF	Former Mobil Depot	7 Ranton STREET	Other Petroleum	Regulation under CLM Act not required	-32.94516764	151.6470387
CARDIFF	BP Service Station (Reliance Petroleum)	Corner Sturt and Main ROADS	Service Station	Regulation under CLM Act not required	-32.93792229	151.6569905
CARDIFF	Woolworths (former Mobil) Cardiff Service Station	43 Macquarie ROAD	Service Station	Regulation under CLM Act not required	-32.94118246	151.6578195
CARINGBAH	Adjacent to Spirent Australia	101-103 Cawarra ROAD	Other Industry	Contamination currently regulated under CLM Act	-34.03360747	151.1245577
CARINGBAH	Spirent Australia	105 Cawarra ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-34.03425343	151.1245092
CARINGBAH	Former Consumer Health Products Manufacturer	32-40 Cawarra ROAD	Other Industry	Regulation under CLM Act not required	-34.03024369	151.1277755
CARINGBAH	Caltex Lilli Pilli Service Station	477-481 Port Hacking ROAD	Service Station	Regulation under CLM Act not required	-34.05243807	151.1216353
CARINGBAH	7-Eleven Service Station	367 The Kingsway	Service Station	Regulation under CLM Act not required	-34.03948677	151.1203268
CARINGBAH	BP Caringbah	54 Captain Cook DRIVE		Under assessment	-34.032652	151.125487
CARLINGFORD	Caltex Service Station Carlingford	131 Pennant Hills ROAD	Service Station	Regulation under CLM Act not required	-33.78762398	151.0279422
CARLINGFORD	Caltex Service Station	797 Pennant Hills ROAD	Service Station	Regulation under CLM Act not required	-33.7757819	151.0516532
CARLTON	Shell Coles Express Service Station	277 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-33.9748579	151.1272732
CARRINGTON	Commercial Metals Company (CMC) Australia Pty Ltd	117-121 Bourke STREET	Other Industry	Regulation under CLM Act not required	-32.9148832	151.7677193
CARRINGTON	Carrington redevelopment site	11 Howden STREET	Other Industry	Regulation under CLM Act not required	-32.91309509	151.7625341
CARRINGTON	Forgacs Dockyard	81 Denison STREET	Other Industry	Regulation under CLM Act not required	-32.9207441	151.764816
CARRINGTON	NAT vacant land	Bourke STREET	Unclassified	Regulation under CLM Act not required	-32.91276029	151.7685894
CARRINGTON	Dyke Point Containment Cell	Dyke ROAD	Other Industry	Regulation under CLM Act not required	-32.91763422	151.7727101
CARRINGTON	Carrington Coal Tar Pavements	Bourke Street to Dyke ROAD	Other Industry	Regulation under CLM Act not required	-32.91441348	151.770271
CARRINGTON	Pasminco Ship Loader	Dyke Berth 2 (off Bourke Street) OTHER	Metal Industry	Regulation under CLM Act not required	-32.9148698	151.7716837
CARSS PARK	Vacant Property	334 Princes HIGHWAY	Other Industry	Regulation under CLM Act not required	-33.98628486	151.1133908
CARWELL	Cement Australia Carwell Creek Quarries	Quarry ROAD	Other Industry	Regulation under CLM Act not required	-32.85413742	149.923172

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
CASINO	Caltex Service Station and Depot Casino	28 & 32 Dyraaba STREET	Service Station	Regulation under CLM Act not required	-28.85488567	153.044806
CASINO	Caltex Service Station	96 Centre STREET	Service Station	Regulation under CLM Act not required	-28.86539567	153.0450654
CASINO	Former Gasworks	134-136 North STREET	Gasworks	Regulation under CLM Act not required	-28.86080712	153.0526043
CASINO	Woolworths Service Station Casino	130 Canterbury STREET	Service Station	Regulation under CLM Act not required	-28.86231341	153.0464642
CASINO	18 Beith Street, Casino	18 Beith STREET	Unclassified	Regulation under CLM Act not required	-28.84951426	153.0446585
CASINO	Corner Store	30 Barker STREET	Service Station	Under assessment	-28.86316792	153.0389124
CASINO	Casino Roadhouse	86 Johnston STREET	Service Station	Under assessment	-28.85960698	153.0562429
CASULA	Caltex Casula Service Station	646 Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-33.95641262	150.8934783
CATHERINE HILL BAY	Catherine Hill Bay Coal Handling and Preparation Plant	1A Keene STREET	Other Industry	Regulation under CLM Act not required	-33.16120556	151.6302456
CESSNOCK	Caltex Cessnock Service Station	103-105 Wollombi (Cnr James Street) ROAD	Service Station	Regulation under CLM Act not required	-32.83936243	151.3430078
CESSNOCK	Former Mobil Service Station	102 Wollombi ROAD	Service Station	Regulation under CLM Act not required	-32.83844074	151.3436022
CESSNOCK	Former Service Station	2-4 Allandale ROAD	Service Station	Under assessment	-32.83118911	151.3560677
CHARBON	Charbon Colliery	Charbon ROAD	Other Industry	Regulation under CLM Act not required	-32.92390131	149.9839098
CHARLESTOWN	Caltex Service Station	81 Pacific HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-32.96708479	151.6955919
CHARLESTOWN	Caltex Woolworths (Former BP)	91-93 Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-32.96633569	151.6959051
CHARLESTOWN	Ausgrid Powell Street Depot	8 Powell STREET	Other Industry	Regulation under CLM Act not required	-32.95912375	151.6944136
CHARLESTOWN	7-Eleven Charlestown	273 Charlestown ROAD	Service Station	Under assessment	-32.95802555	151.6897931
CHARMHAVEN	Caltex Charmhaven Service Station	13-15 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.21655768	151.5091452
CHATSWOOD	Former Caltex Chatswood Service Station	607 Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-33.80396472	151.1795766
CHATSWOOD	Woolworths Chatswood	364-366 Eastern Valley WAY	Service Station	Regulation under CLM Act not required	-33.78667419	151.2010828
CHATSWOOD	Caltex Service Station Chatswood	572 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.80381271	151.1789656
CHATSWOOD	Auto Repairs	2 Devonshire STREET	Service Station	Regulation under CLM Act not required	-33.8015482	151.1859632
CHATSWOOD	Coles Express Service Station Chatswood	877-879 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.79182176	151.1804867
CHATSWOOD WEST	Chatswood Toyota	728 Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-33.79654247	151.1776136
CHERRYBROOK	Caltex Service Station	67 Shepherds DRIVE	Service Station	Regulation under CLM Act not required	-33.72069183	151.0451415

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CHESTER HILL	Former Orica, Chester Hill	127 Orchard ROAD	Chemical Industry	Contamination formerly regulated under the CLM Act	-33.8869823	150.9952873
CHIPPENDALE	Frasers Development	Wellington STREET	Unclassified	Under assessment	-33.88669108	151.2015805
CHIPPING NORTON	Former ACR	85-107 Alfred STREET	Chemical Industry	Contamination currently regulated under CLM Act	-33.92226795	150.9586496
CHIPPING NORTON	Former Solchem (Mobil) Depot Chipping Norton	49-51 Riverside ROAD	Other Petroleum	Regulation under CLM Act not required	-33.91621314	150.9696948
CHISWICK	Former Sydney Wiremills (BHP) site	Blackwall Point ROAD	Other Industry	Regulation under CLM Act not required	-33.85131849	151.1369131
CHITTAWAY BAY	Former Caltex Chittaway Point	100 Chittaway ROAD	Service Station	Regulation under CLM Act not required	-33.32707555	151.4293546
CHULLORA	Chullora Railway Workshops	Worth STREET	Other Industry	Regulation under CLM Act not required	-33.88639388	151.0598201
CLARENCE	Clarence Colliery	Chifley ROAD	Other Industry	Regulation under CLM Act not required	-33.46450217	150.2522729
CLARENDON	Coles Express Clarendon Service Station	244 Hawkesbury Valley WAY	Service Station	Regulation under CLM Act not required	-33.6083729	150.7890956
CLEARFIELD	Former Pamplings Dip Site	Off Clearfield ROAD	Cattle Dip	Regulation under CLM Act not required	-29.16287185	152.882974
CLYBUCCA	BP Service Station	2171 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-30.93913118	152.9417395
CLYDE	7-Eleven Clyde	3 Parramatta (Cnr Harbord Street) ROAD	Service Station	Regulation under CLM Act not required	-33.83494433	151.0222628
COBAR	Former Caltex (Bogas) Service Station Cobar	56-58 Marshall STREET	Service Station	Regulation under CLM Act not required	-31.49793339	145.8346684
COBAR	Mckinnons Gold Mine	Cobar ROAD	Metal Industry	Regulation under CLM Act not required	-31.78179755	145.693
COBAR	Caltex Service Station Cobar	99 Marshall (formerly Cnr Barrier Highway and Bathurst Street)	Service Station	Regulation under CLM Act not required	-31.49631924	145.8275727
COBAR	Caltex Service Station	Lot 10 Railway PARADE	Service Station	Regulation under CLM Act not required	-31.49350124	145.8442372
COFFS HARBOUR	BP Service Station	134-136 Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-30.29187037	153.1182106
COFFS HARBOUR	Mobil Service Station	314-316 Harbour DRIVE	Service Station	Contamination formerly regulated under the CLM Act	-30.3056983	153.131966
COFFS HARBOUR	Mobil Coffs Harbour Airport	Aviation DRIVE	Other Petroleum	Contamination formerly regulated under the CLM Act	-30.313385	153.1175018
COFFS HARBOUR	Aussitel Backpackers Hostel	312 Harbour DRIVE	Service Station	Contamination formerly regulated under the CLM Act	-30.3057	153.132
COFFS HARBOUR	Dan Murphy's Coffs Harbour	10 Elbow STREET	Service Station	Regulation under CLM Act not required	-30.29439262	153.115069
COFFS HARBOUR	Woolworths Petrol	Park Beach Plaza, Arthur STREET	Service Station	Regulation under CLM Act not required	-30.28101154	153.132027
COFFS HARBOUR	Caltex Service Station	157 Orlando STREET	Service Station	Regulation under CLM Act not required	-30.28975334	153.1306354
COFFS HARBOUR	Coffs Harbour Slipway	38 Marina DRIVE	Other Industry	Under assessment	-30.30325637	153.1441437
COLEAMBALLY	Former Mobil Coleambally Depot	19 Bencubbin AVENUE	Other Petroleum	Regulation under CLM Act not required	-34.80279552	145.8945239

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COLLARENEBRI	Former Shell Depot	Corner Narran Street and Queen STREET	Other Petroleum	Regulation under CLM Act not required	-29.54114772	148.5789365
COLONGRA	Endeavour Colliery	Scenic DRIVE	Other Industry	Regulation under CLM Act not required	-33.21297737	151.5416882
COLYTON	Ampol Service Station	88 Great Western HIGHWAY	Service Station	Under assessment	-33.7754	150.7954
CONCORD	Caltex Service Station	89 Parramatta ROAD	Service Station	Regulation under CLM Act not required	-33.86785624	151.0993769
CONCORD WEST	Caltex Service Station	369-375 Concord ROAD	Service Station	Regulation under CLM Act not required	-33.84113835	151.0888843
CONDOBOLIN	Former Mobil Depot	6 Burnett STREET	Other Petroleum	Contamination currently regulated under CLM Act	-33.08010515	147.1642972
CONDOBOLIN	BP-Branded Service Station	38 Denison Street, corner Molong STREET	Service Station	Regulation under CLM Act not required	-33.08520378	147.1524976
CONDOBOLIN	Former Ampol Depot	Cnr Parkes Road and Goobang STREET	Service Station	Regulation under CLM Act not required	-33.08034753	147.1642436
CONDOBOLIN	Former Caltex Depot	Parkes ROAD	Service Station	Regulation under CLM Act not required	-33.08255593	147.1585922
CONDOBOLIN	Mobil Condobolin Depot Railway Siding	Railway Siding behind 6 Burnett STREET	Other Petroleum	Regulation under CLM Act not required	-33.08058612	147.164225
CONSTITUTION HILL	Sydney Water Land	Caloola ROAD	Unclassified	Regulation under CLM Act not required	-33.79776636	150.9697715
COOGEE	Caltex Coogee Service Station	146-148 Coogee Bay (Cnr Mount St) ROAD	Service Station	Regulation under CLM Act not required	-33.91989232	151.2517454
COOKS HILL	Former Council Depot Cooks Hill	152 Bruce Street and 115 Corlette STREET	Other Industry	Regulation under CLM Act not required	-32.93525537	151.7641074
COOLAC	Coolac Service Station	Corner Hume Highway and Coleman STREET	Service Station	Regulation under CLM Act not required	-34.95435052	148.1595525
COOLAH	BP Depot (Reliance Petroleum)	72 (formerly 17-23) Cunningham STREET	Other Petroleum	Regulation under CLM Act not required	-31.82275896	149.7243171
COOLONGOLOOK	Caltex Service Station	Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-32.21648325	152.322813
COOMA	Former Shell Service Station	48-52 Sharp STREET	Service Station	Contamination formerly regulated under the CLM Act	-36.23350402	149.1299514
COOMA	Caltex Cooma Service Station	44 Sharp (Cnr Baron St) STREET	Service Station	Regulation under CLM Act not required	-36.23323489	149.1304134
COOMA	Former Mobil Cooma Depot	2 Commissioner STREET	Other Petroleum	Regulation under CLM Act not required	-36.23267537	149.1346338
COOMA	Former Caltex Cooma Depot	2 Short STREET	Service Station	Regulation under CLM Act not required	-36.2338672	149.1348862
COOMA	Lowes Petroleum Cooma Depot and Service Station (Former BP	2-4 Sharp STREET	Other Petroleum	Regulation under CLM Act not required	-36.22862603	149.1356483
COOMA	Woolworths Caltex Cooma Service Station	Bombala Street Cnr Massie STREET	Service Station	Regulation under CLM Act not required	-36.23364626	149.1267469
COOMA	Former Shell Depot	48-50 Bradley STREET	Other Petroleum	Regulation under CLM Act not required	-36.23448955	149.1347987
COONABARABRAN	Former Mobil Depot	49 Cowper STREET	Other Petroleum	Regulation under CLM Act not required	-31.27096226	149.2818461
COONABARABRAN	Shell Coles Express Service Station	2-6 John STREET	Service Station	Regulation under CLM Act not required	-31.27706775	149.27836

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
COONABARABRAN	Former Shell Coonabarabran CVRO	Corner Cowper St and Dawson St (formerly 51 Cowper) STREET	Other Petroleum	Regulation under CLM Act not required	-31.27003745	149.281788
COONABARABRAN	Caltex Service Station	Cnr Dawson & Drummond STREET	Service Station	Regulation under CLM Act not required	-31.26994941	149.28183
COONABARABRAN	Caltex Service Station	85-87 John STREET	Service Station	Regulation under CLM Act not required	-31.27231215	149.2771297
COONAMBLE	Former Shell Coonamble Depot	Corner Aberford Street and Quambone ROAD	Other Petroleum	Regulation under CLM Act not required	-30.95349182	148.3793432
COONAMBLE	Caltex Service Station	Quambone ROAD	Service Station	Regulation under CLM Act not required	-30.95410067	148.3792167
COORANBONG	Former Poultry Farm	64 - 98 Alton ROAD	Unclassified	Regulation under CLM Act not required	-33.06860138	151.4512156
COORANBONG	Avondale Auto Centre	677 Freemans DRIVE	Service Station	Under assessment	-33.06968809	151.4636293
COOTAMUNDRA	Cootamundra Gasworks	140-146 Hovell STREET	Gasworks	Contamination currently regulated under CLM Act	-34.64572841	148.0255049
COOTAMUNDRA	Former Amoco Depot	68-72 Hovell STREET	Other Petroleum	Contamination currently regulated under CLM Act	-34.63871124	148.0321134
COOTAMUNDRA	Former BP Depot	1-5 Murray STREET	Other Petroleum	Regulation under CLM Act not required	-34.62915841	148.0306962
COOTAMUNDRA	Caltex Service Station	26-34 Hovell STREET	Service Station	Regulation under CLM Act not required	-34.63624703	148.0347479
COOTAMUNDRA	Former Caltex Depot	219 Sutton STREET	Other Petroleum	Regulation under CLM Act not required	-34.65126548	148.0145283
COOTAMUNDRA	Former Ampol Service Station	72 Parker STREET	Service Station	Regulation under CLM Act not required	-34.63471008	148.0296112
COOTAMUNDRA	Former Ampol Cootamundra Rail Siding	Back Brawlin	Other Petroleum	Under assessment	-34.65326425	148.0143068
CORAMBA	Martin Street	End of Martin Street and adjacent car park OTHER	Service Station	Ongoing maintenance required to manage residual contamination	-30.22125208	153.0156997
COROWA	Corowa Shire Council Works Depot	24 Poseidon ROAD	Other Petroleum	Regulation under CLM Act not required	-35.98807923	146.3652266
COROWA	Former Ampol Corowa	10 Bow STREET	Service Station	Regulation under CLM Act not required	-35.99364786	146.3901259
COROWA	Cignall Corowa	280 Hume STREET	Service Station	Under assessment	-36.00996015	146.3760437
CORRIMAL	7-Eleven Corrimal	138-146 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.36986923	150.8978271
CORRIMAL	Woolworths Petrol - Corrimal	275-277 Princes HIGHWAY	Service Station	Under assessment	-34.37527426	150.8962637
COWRA	Former Gasworks	30 Brougham STREET	Gasworks	Contamination currently regulated under CLM Act	-33.8389659	148.6963482
COWRA	Shell Depot	34 Brougham STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-33.83932421	148.6976295
COWRA	Landmark Fertiliser Storage Facility	Corner Young Road & Waratah STREET	Chemical Industry	Regulation under CLM Act not required	-33.84321832	148.6722578
COWRA	Lowes Petroleum (former BP Cowra Depot)	12 Campbell STREET	Other Petroleum	Regulation under CLM Act not required	-33.83803706	148.6977873
CRANGAN BAY	Big T Road House.	555 and 565 Pacific HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.17326538	151.6083864

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
CREMORNE	Shell Coles Express Service Station	225 Military ROAD	Service Station	Regulation under CLM Act not required	-33.83063306	151.226223
CRESTWOOD	Former Caltex Depot Queanbeyan	36 Kendall (Cnr Stephens Rd) AVENUE	Other Petroleum	Regulation under CLM Act not required	-35.34615546	149.207807
CRESTWOOD	Former BP Queanbeyan	64 Uriarra ROAD	Service Station	Regulation under CLM Act not required	-35.34646177	149.2246263
CROA	Breen Holdings	Bate Bay ROAD	Other Industry	Regulation under CLM Act not required	-34.03861737	151.1614114
CROWS NEST	Caltex Service Station	111-121 Falcon STREET	Service Station	Regulation under CLM Act not required	-33.82868236	151.2060317
CROYDON	Caltex Service Station	404-410 Liverpool ROAD	Service Station	Regulation under CLM Act not required	-33.88853994	151.115879
CROYDON	BP Ashfield	582-586 Parramatta ROAD	Service Station	Under assessment	-33.87399409	151.1267296
CROYDON PARK	Mobil Service Station	334 Georges River ROAD	Service Station	Regulation under CLM Act not required	-33.89771626	151.0999194
CULCAIRN	Caltex Service Station	2883 Olympic HIGHWAY	Service Station	Regulation under CLM Act not required	-35.67441635	147.0356845
CULLEN BULLEN	Baal Bone Colliery	Castlereagh HIGHWAY	Other Industry	Regulation under CLM Act not required	-33.27193875	150.0587194
CUNDLETOWN	Caltex Service Station (1 Manning River Drive)	Old Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-31.89329598	152.5068225
CURL CURL	John Fisher Park	Corner Harbord and Abbott ROADS	Landfill	Regulation under CLM Act not required	-33.76352692	151.2798462
DACEYVILLE	Astrolabe Park	Cook AVENUE	Landfill	Regulation being finalised	-33.92963704	151.221773
DAPTO	RailCorp Dapto	(Rear of property) 12-14 Hamilton STREET	Other Industry	Regulation under CLM Act not required	-34.50045405	150.787353
DARLINGHURST	Cross City Tunnel	Riley Street and William STREET	Service Station	Contamination was addressed via the planning process (EP&A Act)	-33.87424636	151.2158305
DARLINGHURST	Proposed Retail Unit	139-155 Palmer STREET	Unclassified	Regulation under CLM Act not required	-33.87504688	151.2168106
DARLINGHURST	18-28 Neild Avenue, Darlinghurst	18-28 Neild AVENUE	Landfill	Regulation under CLM Act not required	-33.87876581	151.2276546
DEE WHY	Roche Products Dee Why Facility	Inman ROAD	Other Industry	Contamination currently regulated under CLM Act	-33.73834964	151.2876392
DEE WHY	Caltex Service Station	793-797 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.74566596	151.2920719
DEE WHY	Dee Why Town Centre	Pittwater ROAD	Other Industry	Regulation under CLM Act not required	-33.753169	151.2875805
DEE WHY	United Dee Why	1 The Strand STREET	Service Station	Under assessment	-33.75569207	151.2959451
DENHAM COURT	Service Station and Caravan Park Denham Court	505 Campbelltown ROAD	Service Station	Under assessment	-33.98208395	150.8459471
DENILIQVIN	Shell Coles Express Service Station	336 Victoria STREET	Service Station	Contamination formerly regulated under the CLM Act	-35.52373613	144.9807345
DENILIQVIN	Landmark Fertiliser Storage Facility	99-101 Davidson STREET	Chemical Industry	Regulation under CLM Act not required	-35.52534735	144.975142
DENILIQVIN	Former Deniliquin Caltex Depot	116-118 Hardinge (Cnr Wood St) STREET	Service Station	Regulation under CLM Act not required	-35.53196985	144.9544597

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
DENILIQUN	BP Depot (Reliance Petroleum)	125 - 127 Hardinge STREET	Service Station	Regulation under CLM Act not required	-35.53222124	144.9517397
DENILIQUN	Former Shell Depot	143-147 Napier STREET	Other Petroleum	Regulation under CLM Act not required	-35.5342355	144.953169
DENILIQUN	Former Deniliquin Gasworks	365 and 369 George and 380 and 386 Charlotte STREET	Gasworks	Under assessment	-35.52663248	144.9634981
DENMAN	Former Industrial Site	10 Fontana WAY	Metal Industry	Regulation under CLM Act not required	-32.37945456	150.6868239
DENMAN	Former Industrial Site	9 Fontana WAY	Metal Industry	Regulation under CLM Act not required	-32.37911159	150.6869866
DORA CREEK	Former Service Station	4 Doree PLACE	Service Station	Under assessment	-33.08452746	151.502415
DOYALSON	Part Lot 3 DP 259306	Off David STREET	Other Industry	Regulation under CLM Act not required	-33.20436131	151.5232558
DOYALSON	Munmorah Colliery	Scenic DRIVE	Other Industry	Regulation under CLM Act not required	-33.21297737	151.5416882
DOYALSON	Munmorah Power Station	(Central Coast Highway) Scenic DRIVE	Unclassified	Regulation under CLM Act not required	-33.20678347	151.540795
DOYALSON	Mannering Colliery (formerly Wye)	Rutleys ROAD	Other Industry	Regulation under CLM Act not required	-33.17179576	151.5419248
DOYALSON NORTH	Caltex Service Station	235 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.18501024	151.5526114
DOYALSON NORTH	Shell Coles Express Service Station	260-270 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.18636608	151.5482399
DRUMMOYNE	Coles Express Service Station Drummoyne (Eastbound)	36-46 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.85576628	151.1593519
DRUMMOYNE	Former Dry Cleaners	225 Victoria ROAD	Chemical Industry	Regulation under CLM Act not required	-33.8507152	151.1537113
DRUMMOYNE	Coles Express Service Station Drummoyne South (Westbound)	39-45 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.85606575	151.1589061
DRUMMOYNE	Caltex Service Station	191-195 Lyons ROAD	Service Station	Regulation under CLM Act not required	-33.85699216	151.1460356
DUBBO	Caltex Service Station, Dubbo	Cnr Brisbane Street and Cobra STREET	Service Station	Contamination currently regulated under CLM Act	-32.25322183	148.603164
DUBBO	Former Ambulance Station	165 Brisbane STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-32.24850755	148.6031749
DUBBO	BP Reliance Petroleum Service Station (Former Mobil Depot)	107 Erskine STREET	Other Petroleum	Regulation under CLM Act not required	-32.24441287	148.6111704
DUBBO	Dubbo Police Station	143 Brisbane STREET	Other Petroleum	Regulation under CLM Act not required	-32.24652288	148.6034702
DUBBO	Shell Coles Express Service Station	131-133 Cobra STREET	Service Station	Regulation under CLM Act not required	-32.25511317	148.6126147
DUBBO	Shell Coles Express Service Station	45-49 Whylandra STREET	Service Station	Regulation under CLM Act not required	-32.2474598	148.5932769
DUBBO	Former Mobil depot	40-44 Morgan STREET	Other Petroleum	Regulation under CLM Act not required	-32.23912277	148.6182711
DUBBO	Caltex Service Station, Dubbo	60 Windsor PARADE	Service Station	Regulation under CLM Act not required	-32.25459322	148.6318
DUBBO	BP-Branded Service Station Dubbo West	51-63 Whylandra STREET	Service Station	Regulation under CLM Act not required	-32.24827657	148.5927084

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
DUBBO	Lowes Petroleum (BP-Branded) Depot, Dubbo	105 Erskine STREET	Service Station	Regulation under CLM Act not required	-32.24423247	148.6101676
DUBBO	Inland Petroleum (Former Shell) Depot	109 Erskine STREET	Other Petroleum	Regulation under CLM Act not required	-32.24470512	148.6124108
DUBBO	Former Caltex Depot	Phillip (corner Fitzroy) STREET	Service Station	Regulation under CLM Act not required	-32.24534863	148.6150144
DUBBO	Caltex Service Station	119 Bourke STREET	Service Station	Regulation under CLM Act not required	-32.24336464	148.6091931
DUBBO	United (former Volume Plus) Service Station	219-223 Cobra STREET	Service Station	Regulation under CLM Act not required	-32.2565155	148.6228586
DULWICH HILL	Former Tyre Recapping	115-117 Constitution ROAD	Other Industry	Regulation under CLM Act not required	-33.90300876	151.1387724
DULWICH HILL	Denison Road Playground	194 Denison ROAD	Landfill	Regulation under CLM Act not required	-33.90121956	151.1404637
DUNEDOO	Former Shell Depot Dunedoo	Cnr Bolaro and Redbank STREET	Other Petroleum	Regulation under CLM Act not required	-32.01565761	149.3922418
DUNGOG	Lot 54 Common Rd	54 Common ROAD	Unclassified	Regulation under CLM Act not required	-32.39490989	151.739821
DUNGOG	Former HWC Maintenance Depot for Civil Engineering Works	86 Abelard STREET	Other Industry	Under assessment	-32.40429396	151.7514073
DUNMORE	Equestrian Centre	71 Fig Hill LANE	Unclassified	Regulation under CLM Act not required	-34.62313393	150.8421544
DURAL	Caltex Dural Service Station	917-923 Old Northern ROAD	Service Station	Regulation under CLM Act not required	-33.68312075	151.0287519
DURAL	BP Dural Service Station	580 Old Northern ROAD	Service Station	Regulation under CLM Act not required	-33.69569985	151.0283357
DURAL	Caltex Service Station	530 Old Northern ROAD	Service Station	Regulation under CLM Act not required	-33.69348472	151.0202716
DURAL	Woolworths Service Station	532 Old Northern ROAD	Service Station	Regulation under CLM Act not required	-33.69348472	151.0202716
EAGLE VALE	BP Service Station	Corner Eagle Vale Drive and Gould ROAD	Service Station	Regulation under CLM Act not required	-34.03128043	150.816363
EARLWOOD	RTA Land	3 Jackson PLACE	Unclassified	Contamination currently regulated under CLM Act	-33.9272087	151.1432854
EARLWOOD	Wolli Creek Aqueduct	Unwin STREET	Unclassified	Regulation under CLM Act not required	-33.92788788	151.1480807
EAST BALLINA	Caltex East Ballina Service Station	34 Links AVENUE	Service Station	Regulation under CLM Act not required	-28.85009113	153.5829246
EAST GOSFORD	Mobil Service Station	44 Victoria STREET	Service Station	Contamination formerly regulated under the CLM Act	-33.43804781	151.353303
EAST GOSFORD	Presbyterian Aged Care Facility	8-18 Enid CRESCENT	Landfill	Regulation under CLM Act not required	-33.4376675	151.3577947
EAST MAITLAND	United (Former Mobil) Service Station East Maitland	164 (also known as 250) Newcastle STREET	Service Station	Regulation under CLM Act not required	-32.75248998	151.5869338
EAST MAITLAND	Former Gasworks Site	Corner Melbourne Street and Brisbane STREET	Gasworks	Regulation under CLM Act not required	-32.74939199	151.5788783
EAST MAITLAND	Caltex East Maitland Service Station	Newcastle Road, Corner William STREET	Service Station	Regulation under CLM Act not required	-32.74883712	151.5829296
EAST TAMWORTH	Caltex Service Station	350-362 Armidale ROAD	Service Station	Regulation under CLM Act not required	-31.11401974	150.9613327

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
EASTERN CREEK	Caltex Service Station	M4 (Eastbound) MOTORWAY	Service Station	Regulation under CLM Act not required	-33.801607	150.8857989
EASTERN CREEK	Caltex Service Station M4 Motorway Westbound	M4 (Westbound) MOTORWAY	Service Station	Regulation under CLM Act not required	-33.80255701	150.8829211
EASTERN CREEK	Fulton Hogan Industries (formerly Pioneer Road Services)	Honeycomb DRIVE	Other Industry	Regulation under CLM Act not required	-33.80231274	150.8288299
EASTLAKES	Former Shell Rosebery service station and adjacent land	275-279 Gardeners ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.92470279	151.2100722
EASTLAKES	Eastlakes Reserve	Evans AVENUE	Service Station	Contamination formerly regulated under the CLM Act	-33.92497291	151.2102725
EASTLAKES	Budget Petroleum Eastlakes	102 Maloney STREET	Service Station	Contamination formerly regulated under the CLM Act	-33.93096702	151.2056606
EASTLAKES	Budget Petroleum Eastlakes	102 Maloney STREET	Service Station	Contamination formerly regulated under the CLM Act	-33.93120382	151.2054267
EASTLAKES	73 Gardeners Road	73 Gardeners ROAD	Unclassified	Regulation under CLM Act not required	-33.92541594	151.2182856
EASTWOOD	Former Mobil Service Station Eastwood	3-5 Trelawney (Cnr Rutledge St) STREET	Service Station	Regulation under CLM Act not required	-33.79273381	151.079584
EDEN	Former Caltex Eden Depot	80-82 Imlay STREET	Service Station	Regulation being finalised	-37.0570984	149.9038538
EDEN	Caltex Service Station	159 Imlay STREET	Service Station	Regulation under CLM Act not required	-37.06324099	149.9044022
EDENSOR PARK	Caltex Bonnyrigg Service Station, Edensor Park	549 Elizabeth DRIVE	Service Station	Regulation under CLM Act not required	-33.88840816	150.8822609
EDENSOR PARK	7-Eleven (former Mobil) Service Station	615-621 Cowpasture Road (Cnr Elizabeth) DRIVE	Service Station	Regulation under CLM Act not required	-33.88326139	150.865591
EDGECLIFF	BP-branded (former Coles Express) Service Station	73-85A New South Head ROAD	Service Station	Regulation under CLM Act not required	-33.8769602	151.2311617
EDGEWORTH	Caltex Service Station	662 Main ROAD	Service Station	Regulation under CLM Act not required	-32.92566329	151.6278888
EDGEWORTH	Woolworths Edgeworth	738-742 Main ROAD	Service Station	Under assessment	-32.92455492	151.6202897
EMERALD BEACH	Shell Coles Express Woolgoolga Service Station	1850 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-30.16450856	153.1826673
EMERTON	7-Eleven Emerton	135-137 Popondetta ROAD	Service Station	Regulation under CLM Act not required	-33.74463908	150.8102251
EMU HEIGHTS	7-Eleven Service Station	126 Old Bathurst ROAD	Service Station	Regulation under CLM Act not required	-33.74299098	150.6547098
EMU HEIGHTS	Woolworths Service Station	132 Old Bathurst ROAD	Service Station	Regulation under CLM Act not required	-33.7429739	150.6559655
EMU PLAINS	Woolworths Service Station	283 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.75371349	150.6530165
ENGADINE	BP Service Station	1234 Princes HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-34.07735416	151.01121
ENGADINE	BP Branded Service Station	963 Old Princes HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-34.06428454	151.0167121
ENGADINE	Former Caltex Service Station	995 Old Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.06413459	151.0155734
EPPING	7-Eleven (former Mobil) Service Station	246 Beecroft ROAD	Service Station	Regulation under CLM Act not required	-33.77073552	151.080581

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ERINA	Former Frozen Food Distribution Depot	1 Aston ROAD	Other Petroleum	Contamination currently regulated under CLM Act	-33.434878	151.3845431
ERINA	Coles Express Service Station Erina	211 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.43547804	151.3850522
ERINA	7-Eleven Erina	214 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.43494257	151.3879511
ERINA	7-Eleven Service Station	96 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.43786868	151.3729331
ERINA	Caltex Service Station	155 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.43824871	151.3801096
ERMINGTON	Blue Star Ermington	700 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.808595	151.066004
ERMINGTON	Caltex Service Station	562 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.81392814	151.0547543
ERSKINE PARK	Western Sydney Service Centre	25-55 Templar ROAD	Landfill	Under assessment	-33.81897822	150.7937394
ERSKINEVILLE	Redevelopment Site (Former Industrial Park) Erskineville	36/1A Coulson STREET	Other Industry	Regulation under CLM Act not required	-33.90325501	151.1855668
ERSKINEVILLE	Department of Housing	52 John STREET	Other Industry	Regulation under CLM Act not required	-33.8982925	151.1840284
ERSKINEVILLE	RailCorp land	Coulson STREET	Other Industry	Regulation under CLM Act not required	-33.90279502	151.1846827
ERSKINEVILLE	Area B - Public Domain / The Roadway	1A Coulson STREET	Other Petroleum	Regulation under CLM Act not required	-33.90479634	151.1871194
ERSKINEVILLE	Lot 4/1A Coulson Street	Coulson STREET	Other Industry	Under assessment	-33.90316549	151.1867963
EUABALONG WEST	BP Euabalong West Depot (Reliance Petroleum)	12 Illewong STREET	Other Petroleum	Regulation under CLM Act not required	-33.05720426	146.3946386
EVANS HEAD	Evans Head Aerodrome	Memorial Airport DRIVE	Other Industry	Regulation under CLM Act not required	-29.10389976	153.4216791
EVANS HEAD	Bundjalung National Park	The Gap ROAD	Unclassified	Regulation under CLM Act not required	-29.24433977	153.3626472
EVANS HEAD	Evans Head Residential subdivision	Bounded by Currajong, Woodburn, Carrabeen Streets and	Unclassified	Regulation under CLM Act not required	-29.1080969	153.4243577
EVELEIGH	Macdonaldtown Triangle	Burren STREET	Gasworks	Contamination being managed via the planning process (EP&A Act)	-33.89803492	151.186059
EVELEIGH	Australian Technology Park	Henderson ROAD	Other Industry	Regulation under CLM Act not required	-33.89634136	151.1944915
FAIRFIELD	Endeavour Energy Fairfield Zone Substation	22 Hedges STREET	Other Industry	Regulation under CLM Act not required	-33.86133019	150.9555899
FAIRFIELD EAST	Speedway-Branded Service Station Fairfield	251 The Horsley DRIVE	Service Station	Regulation under CLM Act not required	-33.8711661	150.9630077
FAIRFIELD HEIGHTS	7-Eleven Fairfield Heights	234 Hamilton (Cnr The Boulevard) ROAD	Service Station	Regulation under CLM Act not required	-33.87208474	150.9373134
FAIRY MEADOW	Caltex Fuel Depot and adjoining land	46 Montague STREET	Service Station	Contamination formerly regulated under the CLM Act	-34.40050499	150.8953125
FAIRY MEADOW	Woolworths Petrol Service Station	49 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.39399705	150.8925369
FAIRY MEADOW	Deynal (Seeman)	51-59 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.39437085	150.8924666

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
FARLEY	Farley Wastewater Treatment Works	Owlpen LANE	Other Industry	Regulation under CLM Act not required	-32.74431314	151.5194217
FASSIFERN	Newstan Colliery	Fassifern ROAD	Other Industry	Regulation under CLM Act not required	-32.97942521	151.5660046
FASSIFERN	Former Arsenic Smelter	Fassifern ROAD	Other Industry	Regulation under CLM Act not required	-32.99649819	151.5618283
FEDERAL	Federal General Store	3-6 Federal DRIVE	Service Station	Contamination formerly regulated under the CLM Act	-28.65190728	153.4552976
FERN BAY	Former service station	37 Fullerton (1006 Nelson Bay Road) STREET	Service Station	Regulation under CLM Act not required	-32.87245004	151.7939904
FIVE DOCK	7-Eleven Five Dock Service Station	231-235 Great North ROAD	Service Station	Regulation under CLM Act not required	-33.86488376	151.130002
FIVE DOCK	Caltex Five Dock Service Station	47 Ramsay Road, corner Fairlight STREET	Service Station	Regulation under CLM Act not required	-33.87002804	151.1301835
FORBES	Former Gasworks	24-26 Union STREET	Gasworks	Contamination currently regulated under CLM Act	-33.37752036	148.0090064
FORBES	BP (Former Mobil) Depot Forbes	3-15 Union STREET	Other Petroleum	Regulation under CLM Act not required	-33.37751977	148.0101422
FORBES	Woolworths (Former Save on Fuel) Service Station	26 Dowling STREET	Service Station	Regulation under CLM Act not required	-33.38148764	148.0109845
FORBES	BP Service Station Forbes	29 Dowling STREET	Other Petroleum	Regulation under CLM Act not required	-33.38121776	148.0100351
FORBES	Former Shell Depot	Stephen STREET	Other Petroleum	Regulation under CLM Act not required	-33.37704755	148.0103001
FORBES	Caltex Service Station Forbes	Parkes ROAD	Service Station	Regulation under CLM Act not required	-33.36333714	148.0223727
FORESTVILLE	BP Service Station	632 Warringah ROAD	Service Station	Contamination currently regulated under CLM Act	-33.75997969	151.2142944
FORESTVILLE	Shell Service Station	667 Warringah ROAD	Service Station	Contamination currently regulated under CLM Act	-33.76035336	151.2184929
FORRESTERS BEACH	Caltex Service Station	The Entrance Rd Cnr Bellevue ROAD	Service Station	Regulation under CLM Act not required	-33.40057818	151.4687631
FORSTER	Caltex Service Station	16-18 Lake STREET	Service Station	Regulation under CLM Act not required	-32.18306967	152.5162492
FORSTER	Shell (Kneebone's) Service Station	2-6 The Lakes WAY	Service Station	Regulation under CLM Act not required	-32.1946108	152.5145662
FORSTER	Enhance (Former Mobil) Service Station	86-88 Macintosh STREET	Service Station	Regulation under CLM Act not required	-32.19079468	152.5154847
FREDERICKTON	Former Service station	2-4 Great North ROAD	Service Station	Regulation under CLM Act not required	-31.03513998	152.8794105
FRENCHS FOREST	Former BP Service Station	Russell AVENUE	Service Station	Regulation under CLM Act not required	-33.75018093	151.2245005
FRENCHS FOREST	Former 7-Eleven / Mobil Beacon Hill Service Station, Frenchs Forest	312 Warringah ROAD	Service Station	Regulation under CLM Act not required	-33.75129647	151.2469656
FRESHWATER	Prime (former Mobil) Service Station Freshwater	117 Harbord ROAD	Service Station	Regulation under CLM Act not required	-33.77286748	151.2794354
GEORGETOWN	Former Caltex Service Station	4 Georgetown ROAD	Service Station	Regulation under CLM Act not required	-32.91121105	151.7319693
GERRINGONG	Gerringong Cooperative	18 Belinda STREET	Other Petroleum	Regulation under CLM Act not required	-34.74518835	150.8181054

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
GILGANDRA	United (Former Mobil) Service Station	13 Castlereagh STREET	Service Station	Regulation under CLM Act not required	-31.71715641	148.6581574
GILGANDRA	Former Mobil Depot	2 Federation STREET	Other Petroleum	Regulation under CLM Act not required	-31.70937362	148.6522102
GILGANDRA	Former Mobil Depot	20 Federation STREET	Other Petroleum	Regulation under CLM Act not required	-31.70771744	148.6514198
GILGANDRA	Caltex Service Station Gilgandra	6425 Newell HIGHWAY	Service Station	Regulation under CLM Act not required	-31.72545524	148.65281
GILLENBAH	Caltex (Former Mobil) Narrandera Service Station	16321 - 16335 Newell HIGHWAY	Service Station	Regulation under CLM Act not required	-34.76124219	146.5398604
GIRRAWEEEN	Industrial Galvanizers site	20-22 Amax AVENUE	Metal Industry	Contamination currently regulated under POEO Act	-33.80500693	150.9396743
GIRRAWEEEN	Caltex Pendle Hill Service Station Girraween	602 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.80827518	150.9421511
GLADESVILLE	Caltex Service Station	287-295 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.8285374	151.1268639
GLADESVILLE	Road Reserve	Pittwater ROAD	Other Industry	Regulation under CLM Act not required	-33.81603924	151.1355085
GLADESVILLE	Caltex Service Station	116 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.83575319	151.1277863
GLADESVILLE	Glade View Business Park	436-484 Victoria ROAD	Other Industry	Under assessment	-33.82382382	151.1223941
GLEBE	The Hill and Jubilee Embankment	12 Maxwell ROAD	Other Industry	Regulation under CLM Act not required	-33.87573032	151.1776027
GLEN INNES	Ambulance Station	106 Bourke STREET	Unclassified	Regulation under CLM Act not required	-29.73805854	151.7313138
GLEN INNES	Telstra Depot Glen Innes	126 Lambeth STREET	Unclassified	Regulation under CLM Act not required	-29.73565341	151.7278271
GLEN INNES	Caltex Glen Innes Service Station	Meade Street, corner Church STREET	Service Station	Regulation under CLM Act not required	-29.73699014	151.7379335
GLEN INNES	Former Shell Depot	Lambeth STREET	Other Petroleum	Regulation under CLM Act not required	-29.7376309	151.7276309
GLEN INNES	Former Caltex Depot, Glen Innes	Lot 1 DP785636 Lambeth STREET	Other Petroleum	Regulation under CLM Act not required	-29.73525485	151.7279167
GLEN INNES	Council-owned Laneway	Lot 2 Lang STREET	Gasworks	Regulation under CLM Act not required	-29.74385432	151.7323049
GLEN INNES	Caltex Service Station	Cnr Taylor Street & Church STREET	Service Station	Regulation under CLM Act not required	-29.73289036	151.739653
GLEN INNES	Caltex Glen Innes Paddock	9979 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-29.75608853	151.7344106
GLENBROOK	Caltex Service Station Glenbrook	78 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.76545234	150.6215447
GLENDALE	Coles Express Glendale	593 Main ROAD	Service Station	Regulation under CLM Act not required	-32.92709242	151.637946
GLENDALE	Former Service Station	334-342 Lake ROAD	Unclassified	Regulation under CLM Act not required	-32.92775076	151.6433463
GLENDALE	Woolworths Service Station	Stockland DRIVE	Service Station	Regulation under CLM Act not required	-32.93250548	151.6404097
GLENDALE	Settlement Pond	65 Glendale DRIVE	Unclassified	Under assessment	-32.93411399	151.6483695

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GLENDENNING	7-Eleven Plumpton Service Station Glendenning	1 Dublin (Cnr Richmond Rd) STREET	Service Station	Regulation under CLM Act not required	-33.73988232	150.8603323
GLENORIE	Caltex Glenorie Service Station	912 Old Northern ROAD	Service Station	Regulation under CLM Act not required	-33.60550946	151.0126731
GLENTHORNE	Caltex Taree Service Station	Manning River DRIVE	Service Station	Regulation under CLM Act not required	-31.94415251	152.4703511
GLOUCESTER	Caltex Service Station	141 Church STREET	Service Station	Regulation under CLM Act not required	-32.01222514	151.9579521
GOOLMANGAR	Goolmangar General Store	851 Nimbin ROAD	Service Station	Regulation under CLM Act not required	-28.74694441	153.225401
GOONELLABAH	Invercauld Road Cattle Dip	161 Invercauld ROAD	Cattle Dip	Contamination currently regulated under CLM Act	-28.8308417	153.3098878
GOSFORD	United (former Mobil) Depot	Corner Merinee Road and Bowen CRESCENT	Other Petroleum	Regulation under CLM Act not required	-33.41523225	151.3257069
GOULBURN	Former Goulburn Gasworks	1 Blackshaw ROAD	Gasworks	Contamination currently regulated under CLM Act	-34.75237525	149.725507
GOULBURN	Mobil Service Station	129 Lagoon STREET	Service Station	Contamination formerly regulated under the CLM Act	-34.74618793	149.7330484
GOULBURN	Goulburn Tannery	13 Gibson STREET	Other Industry	Regulation under CLM Act not required	-34.73756525	149.72059
GOULBURN	Caltex Depot	13 Sloane STREET	Other Petroleum	Regulation under CLM Act not required	-34.77423152	149.7088626
GOULBURN	Mobil Depot	23 Braidwood ROAD	Other Petroleum	Regulation under CLM Act not required	-34.76217302	149.7170897
GOULBURN	Caltex Service Station	72-74 Clinton STREET	Service Station	Regulation under CLM Act not required	-34.75728157	149.7135824
GOULBURN	Caltex Service Station	68 Goldsmith STREET	Service Station	Regulation under CLM Act not required	-34.75054432	149.7192098
GOULBURN	Former Shell Autoport Service Station	Corner Bruce Street and Lagoon STREET	Service Station	Regulation under CLM Act not required	-34.74807885	149.7266246
GOULBURN	Coles Express Service Station	90 Cowper (Corner Clinton Street) STREET	Service Station	Regulation under CLM Act not required	-34.75566648	149.7107831
GOULBURN	Caltex Service Station	315 Auburn, corner Bradley STREET	Service Station	Regulation under CLM Act not required	-34.74942293	149.7232692
GOULBURN	Former Mobil Service Station Goulburn	422-426 Auburn STREET	Service Station	Regulation under CLM Act not required	-34.74869879	149.7229392
GRAFTON	Former General Store and Service Station Grafton	161 Turf STREET	Service Station	Regulation under CLM Act not required	-29.67412811	152.9336609
GRAFTON	Lowes Petroleum (BP-Branded) Depot, Grafton	13 Orara STREET	Other Petroleum	Regulation under CLM Act not required	-29.67016421	152.918161
GRAFTON	Former Shell Depot	2 Milton STREET	Other Petroleum	Regulation under CLM Act not required	-29.67723019	152.9205374
GRAFTON	Grafton Works Depot	26-28 Bruce STREET	Other Petroleum	Regulation under CLM Act not required	-29.67975507	152.9249357
GRAFTON	Former BP Service Station (Reliance Petroleum)	202 Queen STREET	Service Station	Regulation under CLM Act not required	-29.67645469	152.9423977
GRAFTON	Woolworths Petrol	75 - 77 Fitzroy Street Cnr of Duke STREET	Service Station	Regulation under CLM Act not required	-29.69221713	152.9343562
GRAFTON	Caltex Service Station	Corner Villiers St and Fitzroy STREET	Service Station	Regulation under CLM Act not required	-29.69296308	152.9366431

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
GRAFTON	BP Service Station (Reliance Petroleum)	14 Villiers (Cnr Fitzroy) STREET	Service Station	Regulation under CLM Act not required	-29.69345456	152.9373123
GRAFTON	Former Mobil Depot Grafton	2-16 Bruce STREET	Other Petroleum	Regulation under CLM Act not required	-29.68093591	152.9231289
GRAFTON	Caltex Service Station	179 Prince STREET	Service Station	Regulation under CLM Act not required	-29.68600117	152.9371093
GRANVILLE	Australand	15-17 Berry STREET	Other Industry	Contamination being managed via the planning process (EP&A Act)	-33.83600073	151.0211988
GRANVILLE	Commercial Property	2B Factory STREET	Other Industry	Ongoing maintenance required to manage residual contamination	-33.84173556	151.0165687
GRANVILLE	Caltex Service Station	144 Parramatta ROAD	Service Station	Regulation under CLM Act not required	-33.83039605	151.0109216
GRANVILLE	Old Granville Depot	23 Elizabeth STREET	Unclassified	Regulation under CLM Act not required	-33.83765925	151.008528
GRANVILLE	7-Eleven Service Station	154-160 Parramatta ROAD	Service Station	Regulation under CLM Act not required	-33.83022685	151.0101322
GRANVILLE	Woolworths Granville	158 Clyde STREET	Service Station	Under assessment	-33.84623338	151.0124885
GRANVILLE	A'Becketts Creek	Albert STREET	Unclassified	Under assessment	-33.82735397	151.0113643
GREENACRE	Former Plating Works	12 Claremont STREET	Unclassified	Regulation under CLM Act not required	-33.89992254	151.0386128
GREENACRE	7-Eleven (former Mobil) Service Station	301-305 Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-33.90524488	151.0419971
GREENACRE	Caltex Service Station	87 - 91 Roberts ROAD	Service Station	Regulation under CLM Act not required	-33.90461089	151.0648581
GREENWICH	Gore Creek Reserve - Drainage Line	St Vincents ROAD	Other Industry	Regulation under CLM Act not required	-33.82888693	151.1819101
GRENFELL	Former SRA Fuel Depot	Grafton STREET	Other Petroleum	Regulation under CLM Act not required	-33.89351237	148.1560188
GRENFELL	Grenfell Gasworks	Corner Gooloogong Road & Bourke STREET	Gasworks	Regulation under CLM Act not required	-33.89006016	148.1615443
GRETA	Coles Express Greta	122 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-32.67656357	151.3872818
GRETA	redevelopment site	112-114 High STREET	Other Industry	Regulation under CLM Act not required	-32.67706709	151.3876682
GRETA	Former landfill	Hollingshed ROAD	Landfill	Regulation under CLM Act not required	-32.66705287	151.3923474
GREYSTANES	Metro Branded (former Mobil) Service Station	73 Ettalong ROAD	Service Station	Regulation under CLM Act not required	-33.81822648	150.9513946
GRIFFITH	Liberty Depot (former Shell CVRO) Griffith	6-10 Mackay AVENUE	Other Petroleum	Regulation under CLM Act not required	-34.2910045	146.063824
GRIFFITH	Former Murrumbidgee Irrigation Depot	55-77 Banna AVENUE	Other Industry	Regulation under CLM Act not required	-34.28858242	146.0567509
GRIFFITH	Mobil Depot - Griffith Airport	Off Rememberance DRIVE	Other Petroleum	Regulation under CLM Act not required	-34.25618872	146.0620449
GRIFFITH	Former Ampol Depot	32-34 Mackay AVENUE	Other Petroleum	Regulation under CLM Act not required	-34.2933331	146.0679503
GRIFFITH	Caltex Service Station and Depot	2-4 Mackay AVENUE	Service Station	Regulation under CLM Act not required	-34.2908766	146.0630815

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
GRIFFITH	Former Landmark Fertiliser Storage Facility	2-8 Jensen ROAD	Chemical Industry	Regulation under CLM Act not required	-34.29365599	146.0536413
GRIFFITH	Belford Petroleum (former Mobil) Depot	30 Banna AVENUE	Service Station	Regulation under CLM Act not required	-34.29042827	146.0595497
GRIFFITH	Former BP Service Station (Reliance Petroleum)	81 Banna AVENUE	Service Station	Regulation under CLM Act not required	-34.28851251	146.0540815
GUILDFORD	7-Eleven Service Station Guildford West	176 Fowler ROAD	Service Station	Regulation under CLM Act not required	-33.85149493	150.9722491
GUILDFORD	Enhance Service Station Guildford	2 Rawson ROAD	Service Station	Regulation under CLM Act not required	-33.86366193	151.0088768
GULGONG	Lowes Petroleum (former BP) Depot Gulgong	6 Railway STREET	Other Petroleum	Regulation under CLM Act not required	-32.35950625	149.5461499
GULGONG	The Oval Site	Queen STREET	Unclassified	Regulation under CLM Act not required	-32.36169815	149.531075
GULMARRAD	BP Service Station Maclean	3976 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-29.48537407	153.2004311
GUMLY GUMLY	Caltex Service Station	3723 Sturt HIGHWAY	Service Station	Regulation under CLM Act not required	-35.13590309	147.4424551
GUMLY GUMLY	Brick Kiln Reserve	Eunony Bridge ROAD	Landfill	Regulation under CLM Act not required	-35.12098411	147.4196309
GUNDAGAI	Former Mobil Depot	98 Mount STREET	Other Petroleum	Regulation under CLM Act not required	-35.08206783	148.096221
GUNNEDAH	BP Service Station	Corner Conadilly Street & Henry STREET	Service Station	Contamination currently regulated under CLM Act	-30.98116266	150.2583066
GUNNEDAH	Mobil Service Station	341 Conadilly STREET	Service Station	Contamination currently regulated under CLM Act	-30.9807394	150.2578428
GUNNEDAH	Adjacent to Service Station	Intersection of Henry Street and Conadilly STREET	Service Station	Contamination currently regulated under CLM Act	-30.98072588	150.2582802
GUNNEDAH	Former Caltex Depot	61 Railway AVENUE	Other Petroleum	Contamination formerly regulated under the CLM Act	-30.97953242	150.2494457
GUNNEDAH	Caltex Service Station	21 Abbott STREET	Service Station	Regulation under CLM Act not required	-30.98021001	150.2561856
GUNNEDAH	Former Shell Depot Gunnedah	85-89 Barber STREET	Other Petroleum	Regulation under CLM Act not required	-30.97949284	150.2507401
GUNNEDAH	Mobil Gunnedah Depot	16-24 Wentworth STREET	Other Petroleum	Regulation under CLM Act not required	-30.98428725	150.260609
GUNNEDAH	Property NSW Site	35-37 Abbott STREET	Other Petroleum	Regulation under CLM Act not required	-30.9789841	150.25737
GUNNEDAH	Former Telstra Line Depot	81 Barber STREET	Other Petroleum	Regulation under CLM Act not required	-30.97933809	150.2503121
GUNNING	Gunning Motors	56 Yass STREET	Service Station	Regulation under CLM Act not required	-34.78159326	149.2684791
GUYRA	Guyra Fourways Service Centre	87-89 Bradley STREET	Service Station	Regulation under CLM Act not required	-30.24580085	151.6701156
GUYRA	Caltex-branded Service Station	4352 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-30.20601937	151.6757291
GUYRA	StateRail land leased to Incitec	Starr ROAD	Other Industry	Regulation under CLM Act not required	-30.23157011	151.6707135
GWANDALAN	Metro Petroleum Gwandalan (Formerly Gwandalan Auto Care)	47 Orana ROAD	Service Station	Regulation under CLM Act not required	-33.13632941	151.5813396

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GWANDALAN	Former Gwandalan Landfill	Kanangra DRIVE	Landfill	Regulation under CLM Act not required	-33.17497722	151.5917107
GYMEA	Coles Express Kirrawee	470 Princes (Cnr The Boulevarde) HIGHWAY	Service Station	Regulation being finalised	-34.02735302	151.0845079
GYMEA	7-Eleven (former Mobil) Gynea Service Station	110 Gynea Bay ROAD	Service Station	Regulation under CLM Act not required	-34.03745848	151.0848547
GYMEA	Former Shell Service Station Gynea	Gynea Bay ROAD	Service Station	Regulation under CLM Act not required	-34.04129676	151.0841328
HABERFIELD	7-Eleven Haberfield	25-35 Parramatta ROAD	Service Station	Contamination currently regulated under CLM Act	-33.887956	151.142868
HALEKULANI	Former Halekulani Landfill	Macleay DRIVE	Landfill	Regulation under CLM Act not required	-33.21446301	151.5527625
HAMILTON	Hamilton Gasworks	Clyde STREET	Gasworks	Contamination currently regulated under CLM Act	-32.91362741	151.7406241
HAMILTON	Taxi Services	116 Tudor STREET	Service Station	Contamination formerly regulated under the CLM Act	-32.92351606	151.7454742
HAMILTON	SRA Land	10 Maitland ROAD	Unclassified	Regulation under CLM Act not required	-32.91994358	151.7512417
HAMILTON	Caltex Hamilton	59-63 Tudor STREET	Service Station	Regulation under CLM Act not required	-32.92498593	151.7509313
HAMILTON	Newcastle Toyota	65 Tudor STREET	Other Petroleum	Regulation under CLM Act not required	-32.925171	151.7504048
HAMILTON	Hamilton Bus Depot	Cnr Denison Street and Gordon AVENUE	Other Petroleum	Regulation under CLM Act not required	-32.92542648	151.7512512
HAMILTON NORTH	Shell Newcastle Terminal	5 Chatham STREET	Other Petroleum	Contamination currently regulated under CLM Act	-32.91630469	151.7408712
HAMILTON NORTH	Black and Decker	56 Clyde STREET	Metal Industry	Contamination currently regulated under CLM Act	-32.91080413	151.7358236
HAMILTON NORTH	ELMA	54 Clyde STREET	Other Industry	Contamination currently regulated under CLM Act	-32.91145768	151.7367691
HARBORD	Former Dry Cleaners	121 Wyndora AVENUE	Other Industry	Regulation under CLM Act not required	-33.77425321	151.2821553
HARDEN	SRA Site	51 Whitton LANE	Unclassified	Contamination formerly regulated under the CLM Act	-34.55396035	148.3713349
HARDEN	SRA Site	31 Aurvill ROAD	Unclassified	Regulation under CLM Act not required	-34.54998656	148.3689577
HARRIS PARK	Dalley Street Reserve	2A Dalley STREET	Other Industry	Regulation under CLM Act not required	-33.82749118	151.0097545
HARTLEY VALE	Former Shale Oil Refinery	Lot 52 Hartley Vale ROAD	Unclassified	Contamination currently regulated under CLM Act	-33.52925119	150.24216
HASTINGS POINT	Coles Express Hastings Point	99 Tweed Coast ROAD	Service Station	Regulation under CLM Act not required	-28.36914103	153.5725676
HAY	SRA Land	443 Murray STREET	Other Industry	Contamination formerly regulated under the CLM Act	-34.49966753	144.8410778
HAY	SRA Land	429, 431, 435, 437 & 439 Murray STREET	Other Industry	Regulation under CLM Act not required	-34.49965611	144.840976
HAY	Former Shell Hay Depot	391 Murray STREET	Other Petroleum	Regulation under CLM Act not required	-34.50028195	144.8463999
HAY	Former Mobil Depot Hay	397-399 Murray STREET	Other Petroleum	Regulation under CLM Act not required	-34.50019184	144.8456578

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HAY SOUTH	Caltex Service Station	429-431 Moama STREET	Service Station	Regulation under CLM Act not required	-34.52001427	144.8380121
HAZELBROOK	Caltex Service Station Hazelbrook	198 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.72106175	150.4520976
HEATHCOTE	Caltex Service Station	1344 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.08841066	151.0072048
HEATHCOTE	Caltex Service Station	1403 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.09059834	151.003752
HEATHCOTE	Shell Coles Express Service Station	1355 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.08780042	151.0069741
HEATHERBRAE	Bogas (Former Caltex) Service Station	3 Speedy Lock LANE	Service Station	Regulation under CLM Act not required	-32.78057822	151.7372135
HEATHERBRAE	Shell Coles Express Motto Farm Service Station	2137 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-32.79835449	151.7176284
HEXHAM	Forgacs Site	Sparke STREET	Chemical Industry	Contamination currently regulated under CLM Act	-32.85464558	151.6988053
HEXHAM	Industrial Galvanizers	312 Pacific HIGHWAY	Metal Industry	Contamination currently regulated under POEO Act	-32.83457186	151.6884941
HEXHAM	QR National - Hexham Precinct	179 & 3/67 Maitland ROAD	Other Industry	Regulation under CLM Act not required	-32.83474038	151.6821895
HEXHAM	Caltex Diesel Stop	360 Maitland ROAD	Service Station	Regulation under CLM Act not required	-32.82844873	151.6851063
HEXHAM	Cummins Newcastle Facility Hexham	21 Galleghan STREET	Other Industry	Regulation under CLM Act not required	-32.83186739	151.686709
HEXHAM	BP Service Station (Reliance Petroleum)	Corner Pacific Highway and Old Maitland ROAD	Service Station	Regulation under CLM Act not required	-32.82756403	151.6846929
HEXHAM	Caltex-Bogas Warehouse	239 Old Maitland ROAD	Service Station	Regulation under CLM Act not required	-32.82899942	151.6861849
HILLSTON	Former BP Depot Hillston	141-143 Cowper STREET	Other Petroleum	Regulation under CLM Act not required	-33.48823546	145.5381623
HOLBROOK	Caltex Truckstop	Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-35.71332625	147.3207237
HOMEBUSH	Ausgrid Mason Park Substation	1 Underwood ROAD	Other Industry	Regulation under CLM Act not required	-33.85674677	151.0747044
HOMEBUSH BAY	SUEZ Waste Recycling Centre (WRC) and Cleanaway Liquid	Corner Pondage Link and Hill ROAD	Landfill	Regulation under CLM Act not required	-33.84359299	151.0593656
HOMEBUSH WEST	Caltex Service Station Homebush West	334-336 Parramatta ROAD	Service Station	Regulation under CLM Act not required	-33.8581543	151.0681261
HOMEBUSH WEST	Former Ford Landfill	22 Mandemar AVENUE	Landfill	Under assessment	-33.86180526	151.0635664
HORNSBY	Coles Express Hornsby	194- 206 Pacific HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.7071993	151.0991452
HORNSBY	Midas Car Care Centre Hornsby	2A Linda STREET	Unclassified	Regulation under CLM Act not required	-33.70052215	151.1004786
HORNSBY	Hornsby Train Maintenance Centre	1B Stephen STREET	Other Industry	Regulation under CLM Act not required	-33.69342449	151.1035295
HOXTON PARK	Endeavour Energy Hoxton Park	490 Hoxton Park ROAD	Other Industry	Regulation under CLM Act not required	-33.92766437	150.8689069
HUNTERS HILL	Foreshore Land	Rear of 7, 9 & 11 Nelson PARADE	Unclassified	Contamination currently regulated under CLM Act	-33.84248362	151.1649249

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HUNTERS HILL	Coles Express Hunters Hill	4 Ryde ROAD	Service Station	Regulation under CLM Act not required	-33.8317985	151.141655
HUNTERS HILL	7, 9 and 11 Nelson Parade Hunters Hill	7, 9 and 11 Nelson PARADE	Other Industry	Regulation under CLM Act not required	-33.84218911	151.164968
HURLSTONE PARK	Former Speedway Petroleum Service Station	610 - 618 New Canterbury ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.90541228	151.1322009
HURLSTONE PARK	Former Telstra Depot	82 Canterbury ROAD	Service Station	Regulation under CLM Act not required	-33.90803171	151.1258121
HURLSTONE PARK	7-Eleven Hurlstone Park	670 New Canterbury ROAD	Service Station	Regulation under CLM Act not required	-33.90510388	151.1299825
HURSTVILLE GROVE	Moore Reserve	Morshead DRIVE	Landfill	Contamination currently regulated under CLM Act	-33.97920603	151.0873578
INVERELL	Former Shell Depot	25 Edward	Other Petroleum	Regulation under CLM Act not required	-29.76151684	151.1182033
INVERELL	Former Service Station	20 Oliver STREET	Service Station	Regulation under CLM Act not required	-29.77229743	151.1152692
INVERELL	Former Caltex Depot Inverell	4 Edward STREET	Service Station	Regulation under CLM Act not required	-29.76123104	151.1147983
INVERELL	Former Mobil Inverell Depot	29-33 Edward	Other Petroleum	Regulation under CLM Act not required	-29.76135322	151.1171412
INVERELL	Caltex Service Station	55-59 Ring STREET	Service Station	Regulation under CLM Act not required	-29.76204512	151.1141737
INVERELL	Former Mobil Service Station	Corner Otho Street and Henderson STREET	Service Station	Regulation under CLM Act not required	-29.7786926	151.1149921
INVERELL	Former Caltex Service Station	141 Otho STREET	Service Station	Regulation under CLM Act not required	-29.77819403	151.1145699
ISLINGTON	Caltex Service Station	240 Maitland ROAD	Service Station	Regulation under CLM Act not required	-32.91138644	151.7457701
ISLINGTON	Shell Pipeline Easement (vacant land)	24 Fern STREET	Other Petroleum	Regulation under CLM Act not required	-32.91706254	151.7473809
JAMISONTOWN	7-Eleven Service Station	92 Mulgoa ROAD	Service Station	Contamination currently regulated under CLM Act	-33.7667231	150.6796488
JAMISONTOWN	BP Service Station Jamisontown	124 - 128 Mulgoa ROAD	Service Station	Regulation under CLM Act not required	-33.76978323	150.6764977
JAMISONTOWN	Former Caltex Jamisontown	229-231 Mulgoa ROAD	Service Station	Regulation under CLM Act not required	-33.76661447	150.6784735
JANNALI	Former Mobil Service Station	121 Georges River ROAD	Service Station	Regulation under CLM Act not required	-34.01614613	151.0681921
JANNALI	Former IGA	541 Box ROAD	Other Industry	Under assessment	-34.01602134	151.0660384
JENNINGS	Jennings Former Arsenic Poison Factory	Duke Street, Manor Street, and Ballandean STREET	Chemical Industry	Contamination currently regulated under CLM Act	-28.92833023	151.9301552
JESMOND	Caltex Service Station	27 Bluegum ROAD	Service Station	Regulation under CLM Act not required	-32.9029287	151.691164
JINDABYNE	BP Service Station (Reliance Petroleum)	8 Kosciuszko ROAD	Service Station	Regulation under CLM Act not required	-36.41478692	148.6178882
JINDABYNE	Caltex Service Station	50 Kosciuszko ROAD	Service Station	Regulation under CLM Act not required	-36.41395847	148.6225113
JUNEE	Subdivision Proposal	5858 Gundagai ROAD	Unclassified	Regulation under CLM Act not required	-34.87783587	147.6067578

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
KANAHOOKA	Former Smelter Site	Kanahooka ROAD	Metal Industry	Under assessment	-34.49406369	150.8227583
KANDOS	Cement Australia Kandos Cement Works	1 Jamison STREET	Other Industry	Regulation under CLM Act not required	-32.86399912	149.9779259
KARIONG	Coles Express Kariong	6 Central Coast HIGHWAY	Service Station	Regulation under CLM Act not required	-33.43443192	151.2963401
KARIONG	Caltex Service Station	Lot 2 Langford DRIVE	Service Station	Regulation under CLM Act not required	-33.43934827	151.2935447
KARUAH	BP Roadhouse Karuah	403 Tarean ROAD	Service Station	Regulation under CLM Act not required	-32.65371781	151.9629963
KATOOMBA	Former Katoomba/Leura Gasworks	Megalong STREET	Gasworks	Contamination currently regulated under CLM Act	-33.71318559	150.3187284
KATOOMBA	Aldi Stores	201 Katoomba STREET	Service Station	Regulation under CLM Act not required	-33.71756625	150.3101649
KELLYVILLE	Caltex Service Station	3-5 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.71436125	150.9602175
KELLYVILLE	BP Service Station Kellyville	19-23 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.71280997	150.9590756
KELSO	Caltex Service Station Kelso	19 Sydney ROAD	Service Station	Regulation under CLM Act not required	-33.41904247	149.6023985
KELSO	BP Service Station (Reliance Petroleum)	63 Sydney ROAD	Service Station	Regulation under CLM Act not required	-33.41925328	149.6076677
KEMBLA GRANGE	ShawCor Australia	66 West Dapto ROAD	Other Petroleum	Regulation under CLM Act not required	-34.46875328	150.8106326
KEMBLAWARRA	Griffins Bay, Lake Illawarra	Shellharbour ROAD	Landfill	Regulation under CLM Act not required	-34.49653984	150.8943776
KEMPS CREEK	Caltex-branded Service Station	1163 Mamre ROAD	Service Station	Regulation under CLM Act not required	-33.86972102	150.7966074
KEMPSEY	Kempsey Showground	19 Sea STREET	Unclassified	Contamination being managed via the planning process (EP&A Act)	-31.07334836	152.8308795
KEMPSEY	Former Shell Depot	43-51 Gladstone STREET	Other Petroleum	Regulation under CLM Act not required	-31.07500944	152.8346699
KEMPSEY	Former Mobil depot	14 Hopetoun STREET	Other Petroleum	Regulation under CLM Act not required	-31.07603107	152.8350132
KEMPSEY	Shell Coles Express Service Station Kempsey	165 Smith STREET	Service Station	Regulation under CLM Act not required	-31.07036743	152.8461571
KEMPSEY	Mobil Depot	154 Belgrave STREET	Service Station	Regulation under CLM Act not required	-31.07965043	152.8326303
KEMPSEY	Liberty (Former Mobil) Service Station	108-112 Smith STREET	Service Station	Regulation under CLM Act not required	-31.07492508	152.8431945
KENSINGTON	7-Eleven Kensington	135 Anzac PARADE	Service Station	Regulation under CLM Act not required	-33.91035885	151.2228537
KENSINGTON	Former Ampol Service Station	76-82 Anzac PARADE	Service Station	Regulation under CLM Act not required	-33.9059246	151.2242891
KENSINGTON	Footpath adjacent to 10-20 Anzac Parade	10-20 Anzac PARADE	Service Station	Regulation under CLM Act not required	-33.9032124	151.2237836
KENSINGTON	Caltex Service Station	211-213 Anzac PARADE	Service Station	Regulation under CLM Act not required	-33.91460752	151.2251266
KENTHURST	Vacant Land	259 McCylmonts ROAD	Unclassified	Regulation under CLM Act not required	-33.61283529	150.9425303

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
KHANCOBAN	Khancoban Tip	Alpine WAY	Landfill	Regulation under CLM Act not required	-36.21994191	148.1542718
KIAMA	Former Gasworks	105 to 109 and 113 Shoalhaven	Gasworks	Regulation under CLM Act not required	-34.67416881	150.8504143
KIAMA HEIGHTS	Former Mobil Service Station Kiama	7-9 South Kiama DRIVE	Service Station	Regulation under CLM Act not required	-34.69553931	150.8437977
KILLARA	7-Eleven Service Station (Former Mobil)	496 Pacific HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.77146554	151.1606903
KILLARA	Former BP Service Station Lindfield	478 Pacific HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.7719298	151.1613874
KILLARA	Former Caltex Service Station	692B-694 Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-33.76306802	151.1550109
KILLARA	Land Adjacent to Former Service Station Site	684-684a, 690, 692 and 696 Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-33.76312226	151.1549237
KILLARA	Killara Garage	544 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.76974164	151.1599696
KINGS PARK	Former Dow Corning Factory	21 Tattersall ROAD	Chemical Industry	Contamination currently regulated under CLM Act	-33.75012653	150.9138477
KINGS PARK	Multi-Fill	14 Garling ROAD	Unclassified	Regulation being finalised	-33.74478046	150.9111964
KINGSFORD	Caltex Service Station	603-611 Anzac PARADE	Service Station	Regulation under CLM Act not required	-33.93435787	151.2371198
KINGSFORD	Coles Express Service Station Kingsford	58 Gardeners ROAD	Service Station	Regulation under CLM Act not required	-33.9250054	151.2257601
KINGSGROVE	Shell Coles Express Service Station	137 Kingsgrove ROAD	Service Station	Regulation under CLM Act not required	-33.93276948	151.099026
KINGSGROVE	Caltex Kingsgrove	351-357 Stoney Creek ROAD	Service Station	Regulation under CLM Act not required	-33.95132175	151.0926872
KINGSGROVE	State Transit Authority Depot	17-23 Richland STREET	Other Petroleum	Regulation under CLM Act not required	-33.93646086	151.0973617
KIRRAWEE	Ingal Civil Products	127-141 Bath ROAD	Metal Industry	Regulation under CLM Act not required	-34.03029516	151.0754469
KIRRAWEE	7-Eleven (former Mobil) Service Station	542-546 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.03238179	151.0758071
KIRRAWEE	Caltex-branded Kirrawee Service Station	(1-3 Waratah Street) 487 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.02915971	151.0808279
KOGARAH	Scarborough Park South	Production AVENUE	Landfill	Regulation being finalised	-33.97922253	151.140276
KOGARAH	Caltex Service Station	29 President AVENUE	Service Station	Regulation under CLM Act not required	-33.96516866	151.141145
KOGARAH	7-Eleven Service Station	736 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-33.96406472	151.1376011
KOGARAH	Woolworths Petrol Service Station	69 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-33.96330397	151.1371182
KOOLKHAN	Former Koolkhan Power Station	Summerland WAY	Other Industry	Regulation under CLM Act not required	-29.61688704	152.9300645
KOORAGANG	Orica Kooragang Island	15 Greenleaf ROAD	Chemical Industry	Contamination currently regulated under CLM Act	-32.89654619	151.7771372
KOORAGANG	Kooragang Island Waste Facility		Metal Industry	Contamination currently regulated under POEO Act	-32.88250732	151.7466125

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
KOORAGANG	NPC, berths 2 and 3	Heron ROAD	Metal Industry	Regulation being finalised	-32.89260063	151.7742527
KOORAGANG	Former Boral Timber Export Facility	16 Heron ROAD	Other Industry	Regulation under CLM Act not required	-32.89710295	151.7739966
KOORAGANG	Cleanaway Technical Services	19 Egret STREET	Unclassified	Regulation under CLM Act not required	-32.8634857	151.7414904
KOORAGANG	Vacant Land	Raven Street and Cormorant ROAD	Unclassified	Regulation under CLM Act not required	-32.88410199	151.7701334
KOORAGANG	Linx Logistics	240 Cormorant ROAD	Other Industry	Regulation under CLM Act not required	-32.87480951	151.7757352
KOORAGANG	Industrial Facility	39 Heron ROAD	Chemical Industry	Under assessment	-32.89106439	151.7784064
KOORINGAL	Former Shell Wagga Depot	11-15 Lake Albert ROAD	Other Petroleum	Regulation under CLM Act not required	-35.12273113	147.3786005
KOORINGAL	Caltex Service Station	265-267 Lake Albert ROAD	Service Station	Regulation under CLM Act not required	-35.14078443	147.3755442
KOORINGAL	Caltex-branded (former Mobil) Service Station	24 Lake Albert ROAD	Service Station	Regulation under CLM Act not required	-35.12239591	147.3769936
KOSCIUSZKO	Smiggin Holes Snow Clearing Shed	Link ROAD	Landfill	Regulation under CLM Act not required	-36.39098211	148.4304981
KOSCIUSZKO	Khancoban Spoil Dump	Alpine WAY	Landfill	Regulation under CLM Act not required	-36.21982803	148.1527401
KOSCIUSZKO	Sawpit Creek landfill	13km from Jindabyne, off Kosciuszko ROAD	Landfill	Regulation under CLM Act not required	-36.34858097	148.5673374
KURMOND	BP Service Station	501 Bells Line of road ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.55096662	150.6911676
KURNELL	Caltex Refinery	2 Solander STREET	Other Petroleum	Contamination currently regulated under POEO Act	-34.0175214	151.2159572
KURNELL	Abbott Australasia	Captain Cook DRIVE	Chemical Industry	Contamination formerly regulated under the CLM Act	-34.02339937	151.19921
KURNELL	Former Phillips Imperial Chemicals site	260 Captain Cook DRIVE	Chemical Industry	Regulation under CLM Act not required	-34.02493837	151.1952149
KURNELL	Former Caltex Kurnell Service Station	Corner Captain Cook Drive and Solander STREET	Service Station	Regulation under CLM Act not required	-34.01269846	151.2094347
KURRI KURRI	Caltex Service Station	279-281 Lang STREET	Service Station	Contamination currently regulated under CLM Act	-32.82047175	151.477646
KURRI KURRI	Kurri Kurri Smelter	Hart ROAD	Metal Industry	Regulation under CLM Act not required	-32.7873063	151.4828827
KYOGLE	Caltex Service Station	22-24 Summerland WAY	Service Station	Regulation under CLM Act not required	-28.61806766	153.003862
LAKE HAVEN	Caltex Service Station	Goobarabah Ave Cnr Gorokan DRIVE	Service Station	Regulation under CLM Act not required	-33.24337276	151.5065335
LAKEMBA	Former Lakemba Police Station	59 Quigg STREET	Unclassified	Regulation under CLM Act not required	-33.92199239	151.079412
LAKEMBA	Caltex Service Station - Corner Punchbowl Rd and Wangee Rd	81 Wangee ROAD	Service Station	Regulation under CLM Act not required	-33.91153044	151.073306
LAKEMBA	Caltex Service Station	961-967 Canterbury ROAD	Service Station	Regulation under CLM Act not required	-33.92671102	151.0814905
LAMBTON	Caltex Service Station	422 Newcastle ROAD	Service Station	Regulation under CLM Act not required	-32.9095592	151.7109684

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
LANE COVE	Pacific Power	Sirius ROAD	Landfill	Contamination formerly regulated under the CLM Act	-33.80701776	151.1449658
LANE COVE	7-Eleven Service Station	203 Burns Bay ROAD	Service Station	Regulation under CLM Act not required	-33.81458334	151.1543844
LANE COVE	BP-branded Jasbe Service Station	62-70 Epping ROAD	Service Station	Regulation under CLM Act not required	-33.81108427	151.1641531
LANE COVE	Coles Express Service Station Burns Bay	254 Burns Bay ROAD	Service Station	Regulation under CLM Act not required	-33.81719214	151.1518774
LANE COVE NORTH	BP Artarmon Service Station, Lane Cove North	432 Pacific HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.8112038	151.175547
LANE COVE NORTH	Former Caltex Service Station	428-432 Mowbray ROAD	Service Station	Regulation under CLM Act not required	-33.80804563	151.1721538
LANE COVE WEST	Caltex Lane Cove West	235-245 Burns Bay ROAD	Service Station	Regulation under CLM Act not required	-33.81719214	151.1518774
LANE COVE WEST	Ventemans Reach Bushland	Off Mars ROAD	Unclassified	Under assessment	-33.80615015	151.1451474
LANSVALE	Mobil Service Station	161 Hume HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-33.89442261	150.9571507
LANSVALE	Mobil Service Station	44 Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-33.89172416	150.9656537
LAURIETON	Camden Haven Tyre and Brake Centre (Former Caltex Service	461 Ocean DRIVE	Service Station	Regulation under CLM Act not required	-31.64367775	152.7977735
LAVENDER BAY	SRA Land	French STREET	Unclassified	Regulation under CLM Act not required	-33.84560621	151.2030148
LAVINGTON	Former Caltex Service Station	373-375 Wagga ROAD	Service Station	Regulation under CLM Act not required	-36.04797551	146.9385325
LAVINGTON	Caltex Service Station	436 Wagga (corner Dick Road) ROAD	Service Station	Regulation under CLM Act not required	-36.04500034	146.9444932
LAVINGTON	Former ERS liquid waste treatment and storage facility	819 Knights ROAD	Other Industry	Regulation under CLM Act not required	-36.06763885	146.942143
LEETON	Former Mobil Depot	108 Calrose STREET	Other Petroleum	Regulation under CLM Act not required	-34.55813326	146.3921296
LEETON	Caltex Service Station	1 Belah STREET	Service Station	Regulation under CLM Act not required	-34.55421752	146.3998431
LEETON	Yenda Producers (formerly Incitec) Leeton	1 - 2 Canal STREET	Other Petroleum	Regulation under CLM Act not required	-34.55184684	146.3862573
LEETON	Former Fuel Depot, Leeton	1-3 Short St STREET	Other Petroleum	Regulation under CLM Act not required	-34.55253237	146.3864507
LEICHHARDT	Former Kolotex site	22 George STREET	Other Industry	Contamination currently regulated under CLM Act	-33.888	151.148
LEICHHARDT	Former Labelcraft Site	30-40 George STREET	Chemical Industry	Contamination currently regulated under CLM Act	-33.887795	151.148486
LEICHHARDT	SRA Land	10-11 Balmain ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-33.87774852	151.1590952
LEICHHARDT	Leichhardt Bus Depot Area E	240 Balmain Road, corner City West LINK	Other Industry	Regulation under CLM Act not required	-33.87589727	151.1598073
LEICHHARDT	RailCorp Leichhardt	7 Darley ROAD	Other Industry	Regulation under CLM Act not required	-33.87520846	151.1539012
LENNOX HEAD	Spoors Dip	13 Fig Tree Hill DRIVE	Cattle Dip	Contamination formerly regulated under the CLM Act	-28.78258175	153.5752527

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LENNOX HEAD	Former Caltex Lennox Head	Byron STREET	Service Station	Regulation under CLM Act not required	-28.79189328	153.5883225
LEPPINGTON	Coles Express Leppington	1443 Camden Valley WAY	Service Station	Regulation under CLM Act not required	-33.96631609	150.8154793
LEUMEAH	Caltex Service Station	6 Rudd ROAD	Service Station	Regulation under CLM Act not required	-34.05398325	150.8299209
LEURA	Former Leura Garage	126-128 Leura MALL	Service Station	Regulation under CLM Act not required	-33.7125311	150.3315386
LIDDELL	Liddell Power Station	New England HIGHWAY	Other Industry	Regulation under CLM Act not required	-32.37393962	150.9756283
LIDSDALE	Angus Place Colliery	Wolgan ROAD	Other Industry	Regulation under CLM Act not required	-33.35274573	150.0996773
LIDSDALE	Kerosene Vale Colliery	Wolgan ROAD	Other Industry	Regulation under CLM Act not required	-33.38145755	150.0940097
LIGHTNING RIDGE	Former Ambulance Station	18 - 42 Pandora STREET	Other Industry	Regulation under CLM Act not required	-29.43133877	147.9812981
LIGHTNING RIDGE	Caltex Service Station	Onyx St Cnr Morilla STREET	Service Station	Regulation under CLM Act not required	-29.42922885	147.9747954
LILLIAN ROCK	Former 'Peters Dip' Cattle Tick Dip Site	427 Lillian Rock ROAD	Cattle Dip	Regulation under CLM Act not required	-28.5314327	153.1556392
LINDFIELD	7-Eleven (former Mobil) Service Station	238 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.7788603	151.1689594
LISAROW	OneSteel Recycling	902A Pacific HIGHWAY	Metal Industry	Regulation under CLM Act not required	-33.38420179	151.3655856
LISMORE	Lismore Gasworks	Cnr John Street & Keen STREET	Gasworks	Ongoing maintenance required to manage residual contamination	-28.81764489	153.2710196
LISMORE	Caltex Lismore Service Station	136 Woodlark STREET	Service Station	Regulation under CLM Act not required	-28.80807597	153.2807591
LISMORE	Shell Coles Express Service Station	100 Dawson STREET	Service Station	Regulation under CLM Act not required	-28.81140865	153.2800472
LISMORE	Former Shell Depot	116 Wilson STREET	Other Petroleum	Regulation under CLM Act not required	-28.81070081	153.2621577
LISMORE	Caltex Service Station	73-75 Dawson STREET	Service Station	Regulation under CLM Act not required	-28.80894415	153.2809619
LISMORE	SRA Land	Norco LANE	Unclassified	Regulation under CLM Act not required	-28.810742	153.2702306
LISMORE HEIGHTS	Coles Express Lismore Heights	426 Ballina ROAD	Service Station	Contamination currently regulated under CLM Act	-28.81068067	153.3053065
LITHGOW	Lithgow Thales	4 Martini PARADE	Metal Industry	Contamination formerly regulated under the CLM Act	-33.49012248	150.1415389
LITHGOW	Former Shell CVRO and Depot	77 Bridge Street and 6 Gas Works LANE	Other Petroleum	Regulation under CLM Act not required	-33.47995091	150.162216
LITHGOW	Former Mobil Depot	353 Main STREET	Other Petroleum	Regulation under CLM Act not required	-33.48235166	150.1383012
LITHGOW	Former Gasworks	Mort STREET	Gasworks	Regulation under CLM Act not required	-33.47995167	150.1635401
LITHGOW	Jasbe BP-branded Service Station (Former Reliance Petroleum)	1106 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.48426647	150.134992
LITHGOW	Caltex Lithgow (Quota Park)	Adjacent to 1131 Great Western HIGHWAY	Unclassified	Regulation under CLM Act not required	-33.47927554	150.1366238

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LIVERPOOL	AC McGrath (Wholesale) Pty Ltd	20 Shepherd Street and 6A & 6B Atkinson STREET	Other Industry	Regulation under CLM Act not required	-33.9320192	150.9236862
LIVERPOOL	Former Car Park	4 - 6 Rose STREET	Unclassified	Regulation under CLM Act not required	-33.93258955	150.9157936
LIVERPOOL	Woolworths Service Station	59-67 Orange Grove ROAD	Service Station	Regulation under CLM Act not required	-33.90711248	150.9178855
LOFTUS	BP Freedom Fuel Service Station Loftus	127 Loftus AVENUE	Service Station	Under assessment	-34.04570765	151.0508004
LONG JETTY	Caltex Service Station	431 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.36022468	151.4826553
LONG JETTY	7-Eleven (former Mobil) Service Station	184-186 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.35089363	151.4924904
LONG JETTY	Brocks Garage	326 The Entrance ROAD	Service Station	Under assessment	-33.35897356	151.4847709
LONG JETTY	Westside Petroleum Service Station	290-294 The Entrance ROAD	Service Station	Under assessment	-33.35688982	151.4862246
LONGUEVILLE	Caltex Service Station	5-7 Northwood ROAD	Service Station	Regulation under CLM Act not required	-33.82452775	151.1725758
LUCAS HEIGHTS	Harringtons Quarry	access from Little Forest ROAD	Landfill	Contamination currently regulated under CLM Act	-34.03555347	150.9751826
LUCAS HEIGHTS	IWC landfill	Little Forest ROAD	Landfill	Contamination currently regulated under CLM Act	-34.03214889	150.9753474
LUDDENHAM	Caltex Service Station	3019-3035 The Northern ROAD	Service Station	Regulation under CLM Act not required	-33.87536093	150.6888872
MACKSVILLE	Caltex Service Station	Pacific (22-24 Cooper Street) HIGHWAY	Service Station	Regulation under CLM Act not required	-30.70977455	152.9198448
MACLEAN	MacLean Outdoors	255 River STREET	Service Station	Regulation under CLM Act not required	-29.45782683	153.1970725
MACQUARIE FIELDS	Caltex Service Station	68 Harold STREET	Service Station	Regulation under CLM Act not required	-33.98557276	150.8933681
MACQUARIE PARK	Caltex North Ryde Service Station	41-43 Epping ROAD	Service Station	Regulation under CLM Act not required	-33.79138236	151.1312248
MACQUARIE PARK	1-7 Waterloo Road, Macquarie Park	1-7 Waterloo ROAD	Other Petroleum	Regulation under CLM Act not required	-33.78806877	151.1332148
MACQUARIE PARK	Porters Creek Depot - Proposed Operations Centre Site	160 Wicks ROAD	Landfill	Regulation under CLM Act not required	-33.785507	151.136437
MACQUARIE PARK	De Burghs Cycleway - Lane Cove National Park	Riverside DRIVE	Other Petroleum	Regulation under CLM Act not required	-33.77802854	151.1367529
MAITLAND	Maitland Gasworks	Charles STREET	Gasworks	Contamination currently regulated under CLM Act	-32.73603658	151.5578926
MAITLAND	Hannan and High Street	Hannan Street and High STREET	Service Station	Regulation under CLM Act not required	-32.72731682	151.5515673
MAITLAND	Coles Express Service Station	235 High STREET	Service Station	Regulation under CLM Act not required	-32.73923807	151.5620399
MALABAR	ANZAC Rifle Range former landfill	Franklin STREET	Landfill	Regulation being finalised	-33.95792671	151.2566373
MANDALONG	Mandalong Mine	Mandalong ROAD	Other Industry	Regulation under CLM Act not required	-33.11725583	151.4616452
MANGROVE MOUNTAIN	Poultry Litter Containment Pit site	258 Waratah ROAD	Unclassified	Regulation under CLM Act not required	-33.28917277	151.167235

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MANILLA	Tamworth Regional Council Works Depot - Manilla	73 River STREET	Other Petroleum	Regulation under CLM Act not required	-30.746085	150.725363
MANLY	Little Manly Point	Stuart STREET	Gasworks	Contamination formerly regulated under the CLM Act	-33.80814626	151.2876245
MANLY	Caltex Service Station	86 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.79306889	151.2858638
MANLY	Former Little Manly Point Gasworks	End of Stuart STREET	Gasworks	Regulation under CLM Act not required	-33.80842005	151.2877784
MANLY	St Patrick's Estate	151 Darley ROAD	Unclassified	Regulation under CLM Act not required	-33.8044568	151.2938595
MANLY VALE	Former Landfill Addiscombe Road	Addiscombe ROAD	Landfill	Contamination currently regulated under CLM Act	-33.78307439	151.2747846
MANLY VALE	Caltex Service Station Manly Vale	236-238 Condamine STREET	Service Station	Regulation under CLM Act not required	-33.78508231	151.2674386
MANNERING PARK	Parkview General Store (a former service station)	2 Vales ROAD	Service Station	Regulation under CLM Act not required	-33.14753814	151.5387832
MANNERING PARK	Mannering Park Mini Mart	70 Vales ROAD	Service Station	Regulation under CLM Act not required	-33.15236501	151.5371767
MARAYONG	7-Eleven (former Mobil Blacktown West) Service Station Marayong	173 Richmond ROAD	Service Station	Regulation under CLM Act not required	-33.75472796	150.8913605
MARAYONG	Woolworths Petrol Service Station Marayong	Corner Vardys Road and Turbo ROAD	Service Station	Regulation under CLM Act not required	-33.7452356	150.9041601
MARDI	Former Mardi Landfill	70-90 McPherson ROAD	Landfill	Regulation under CLM Act not required	-33.29273289	151.4100941
MARKS POINT	Former Mobil Service Station (now 7-Eleven)	770-772 Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-33.05646268	151.6533795
MARKS POINT	Former Mobil Aviation Depot Belmont Airport	864 Pacific HIGHWAY	Other Petroleum	Regulation under CLM Act not required	-33.06657244	151.6497674
MAROUBRA	Coles Express Pagewood Service Station, Maroubra	299 Bunnerong PARADE	Service Station	Regulation under CLM Act not required	-33.94071282	151.2285063
MARRANGAROO	United (Former Mobil) Service Station Marrangaroo	394-398 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.45253322	150.1181023
MARRICKVILLE	Former Dry Cleaners and Loading Dock (adjacent Lot 1 DP612551)	Smidmore STREET	Other Industry	Contamination currently regulated under CLM Act	-33.90707592	151.171701
MARRICKVILLE	TRW Steering and Suspension	22-28 Carrington ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-33.92012667	151.1566181
MARRICKVILLE	Cooks River Aqueduct	Thornley STREET	Unclassified	Contamination formerly regulated under the CLM Act	-33.92204604	151.1480332
MARRICKVILLE	Former Mobil Service Station	384 Illawarra ROAD	Service Station	Regulation under CLM Act not required	-33.91534969	151.1506717
MARRICKVILLE	Woolworths Petrol Service Station Marrickville	490 Illawarra ROAD	Service Station	Regulation under CLM Act not required	-33.91845177	151.1459951
MARRICKVILLE	RailCorp	361 Victoria ROAD	Other Industry	Regulation under CLM Act not required	-33.91404835	151.1557132
MARRICKVILLE	Mackey Park	Cnr Richardsons Crescent and Carrington ROAD	Landfill	Regulation under CLM Act not required	-33.9220263	151.1547903
MARRICKVILLE	2 Carrington Road	2 Carrington ROAD	Unclassified	Regulation under CLM Act not required	-33.91596071	151.1597199
MARSDEN PARK	226 Grange Avenue	226 Grange AVENUE	Unclassified	Regulation under CLM Act not required	-33.70259609	150.83825

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MARSFIELD	Coles Express Service Station Marsfield	189 Epping ROAD	Service Station	Regulation under CLM Act not required	-33.77519246	151.1053691
MARULAN	BP Express Marulan (Northbound)	(Northbound) Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-34.7188332	149.9949547
MARULAN	BP Service Station	(Southbound) Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-34.71932066	150.0014827
MARYVILLE	7-Eleven (former Mobil) Service Station	184-188 Hannell STREET	Service Station	Contamination currently regulated under CLM Act	-32.91336028	151.7579315
MASCOT	Mascot Pioneer Plating	25-29 Ricketty STREET	Metal Industry	Contamination currently regulated under CLM Act	-33.92075288	151.1824801
MASCOT	Former Shell Service Station Mascot	746 Botany ROAD	Service Station	Contamination currently regulated under CLM Act	-33.92352295	151.1955852
MASCOT	Former Mascot Galvanising	336-348 King STREET	Metal Industry	Contamination currently regulated under CLM Act	-33.92902126	151.185874
MASCOT	Former Zinc Smelter and Paint Manufacturing Facility	163 O'Riordan STREET	Metal Industry	Regulation under CLM Act not required	-33.92526513	151.1892582
MASCOT	Caltex Service Station	125 O'Riordan STREET	Service Station	Regulation under CLM Act not required	-33.92309169	151.1911539
MASCOT	Heritage Business Centre	5-9 Ricketty STREET	Unclassified	Regulation under CLM Act not required	-33.92029202	151.1816656
MASCOT	Telstra Exchange	904-922 Botany ROAD	Other Industry	Regulation under CLM Act not required	-33.9293166	151.1942777
MASCOT	Ing Industrial Fund (unoccupied Land and General Parking)	19-33 Kent ROAD	Landfill	Regulation under CLM Act not required	-33.922765	151.185262
MASCOT	Sokol Corporation	50-56 Robey STREET	Other Industry	Regulation under CLM Act not required	-33.93162265	151.1904955
MASCOT	Linear Park	Lot 2, 3, 4 & 5 in DP 85917	Landfill	Regulation under CLM Act not required	-33.92278693	151.1904751
MATRAVILLE	Former Rieco Incinerator	Kain AVENUE	Other Industry	Contamination being managed via the planning process (EP&A Act)	-33.95980534	151.2423679
MATRAVILLE	Former Golden Fleece Terminal No2	151 Beauchamp ROAD	Other Petroleum	Contamination formerly regulated under the CLM Act	-33.95719404	151.2259884
MATRAVILLE	Former Golden Fleece Terminal No1	133 -149 Beauchamp ROAD	Other Petroleum	Contamination formerly regulated under the CLM Act	-33.95776666	151.2248518
MATRAVILLE	7-Eleven Service Station Matraville	515 Bunnerong ROAD	Service Station	Regulation being finalised	-33.95943536	151.2317598
MATRAVILLE	Port Botany Bus Depot	7 Bumborah Point ROAD	Other Petroleum	Regulation under CLM Act not required	-33.96880413	151.2255889
MATRAVILLE	Vacant Lot	3 Wilkes AVENUE	Other Industry	Regulation under CLM Act not required	-33.96006406	151.2431087
MAYFIELD	BHP Steel River	The Buffer Zone' extending directly adjacent to the Hunter	Metal Industry	Contamination currently regulated under CLM Act	-32.8773556	151.7252427
MAYFIELD	BHPB Supply site	Lot 223 South and West - Industrial DRIVE	Metal Industry	Contamination currently regulated under CLM Act	-32.88583041	151.7388423
MAYFIELD	OneSteel (BHP)	Industrial DRIVE	Metal Industry	Contamination currently regulated under CLM Act	-32.88366987	151.7449491
MAYFIELD	BHP Closure Site (Hunter River Sediments)	Bed Sediments of the Hunter adjacent to Lot 221 DP1013964	Metal Industry	Contamination formerly regulated under the CLM Act	-32.89203741	151.7646702
MAYFIELD	7-Eleven (Former Mobil) Service Station	412-416 Maitland ROAD	Service Station	Regulation under CLM Act not required	-32.89292005	151.7300948

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MAYFIELD	Shell Coles Express Service Station	63-69 Maud STREET	Service Station	Regulation under CLM Act not required	-32.89358962	151.7221298
MAYFIELD	Australian Tube Mills Newcastle Site	Industrial DRIVE	Metal Industry	Regulation under CLM Act not required	-32.88835767	151.7450751
MAYFIELD	Waratah Steel Mill	23 Frith STREET	Metal Industry	Regulation under CLM Act not required	-32.89426592	151.7257429
MAYFIELD NORTH	Newcastle Wire Mill	141 Ingall STREET	Metal Industry	Regulation under CLM Act not required	-32.89008485	151.752949
MAYFIELD WEST	Koppers Coal Tar	East of Woodstock Street and Tourle STREET	Other Industry	Contamination currently regulated under CLM Act	-32.88591801	151.7361906
MAYFIELD WEST	Stevenson Park landfill	2/559 Maitland ROAD	Landfill	Regulation under CLM Act not required	-32.88472556	151.7224791
MAYFIELD WEST	Tourle Street Bridge Project	Tourle STREET	Landfill	Regulation under CLM Act not required	-32.88075518	151.7330073
MCDUGALLS HILL	Caltex Service Station	4949 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-32.54484714	151.1490757
MEADOWBANK	Former Council Works Depot	2 Parsonage STREET	Unclassified	Regulation under CLM Act not required	-33.82191421	151.0951974
MENAI	7-Eleven (Former Mobil) Service Station Menai	289 Menai ROAD	Service Station	Regulation under CLM Act not required	-34.01579095	151.0131737
MENAI	Caltex Service Station Menai	1 Carter Road ROAD	Service Station	Regulation under CLM Act not required	-34.01654043	151.0124133
MEREWETHER	Merewether Childcare Centre	2/23 Caldwell STREET	Unclassified	Regulation under CLM Act not required	-32.94249653	151.7504279
MERIMBULA	Caltex Service Station	19-25 Merimbula DRIVE	Service Station	Regulation under CLM Act not required	-36.88757881	149.9089159
MERIMBULA	Former Mobil Service Station	27 Market STREET	Service Station	Regulation under CLM Act not required	-36.88941693	149.9103485
MERRYLANDS	Society of St Vincent de Paul	11-19 Centenary ROAD	Other Petroleum	Regulation under CLM Act not required	-33.83083025	150.9698915
MERRYLANDS	Caltex Service Station	229 Woodville ROAD	Service Station	Regulation under CLM Act not required	-33.84547463	150.9983413
MERRYLANDS	Caltex Service Station Merrylands	148 Woodville ROAD	Service Station	Regulation under CLM Act not required	-33.83818499	150.9997199
MERRYLANDS	Stockland Merrylands Court	249-259 Merrylands ROAD	Service Station	Regulation under CLM Act not required	-33.83560037	150.9869735
MERRYLANDS	7-Eleven Merrylands Service Station	295-297 Merrylands (Cnr Windsor Rd) ROAD	Service Station	Regulation under CLM Act not required	-33.83533205	150.9851801
MERRYLANDS	Former Stockfeed Manufacturing Site	1-7 & 9-11 Neil STREET	Other Petroleum	Regulation under CLM Act not required	-33.83390257	150.9947449
MERRYLANDS WEST	Former Mobil Service Station	3 Centenary ROAD	Service Station	Regulation under CLM Act not required	-33.83214226	150.9698958
MILLER	Caltex Service Station	86 Cartwright AVENUE	Service Station	Regulation under CLM Act not required	-33.91878146	150.8827514
MILLERS FOREST	Chichester Trunk Gravity Main	water pipeline	Other Industry	Contamination currently regulated under POEO Act	-32.772877	151.6826841
MILLERS POINT	Former AGL Gasworks	38 Hickson and road reserve ROAD	Gasworks	Contamination being managed via the planning process (EP&A Act)	-33.86280104	151.2032452
MILLERS POINT	Former AGL Gasworks (refer to #36 Hickson Road)	Berths 5, 6 and 7 (already demolished) and part Hickson	Gasworks	Contamination currently regulated under CLM Act	-33.86053571	151.2015022

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
MILLERS POINT	Former AGL Gasworks	Road reserve fronting 30-38 Hickson ROAD	Gasworks	Contamination currently regulated under CLM Act	-33.86241531	151.2024634
MILLERS POINT	Former AGL Gasworks	36 Hickson ROAD	Gasworks	Contamination currently regulated under CLM Act	-33.86243824	151.2032514
MILLERS POINT	Former AGL Gasworks	30 - 34 Hickson ROAD	Gasworks	Regulation under CLM Act not required	-33.86179594	151.2031726
MILLERS POINT	Moores Wharf UPSS	4 Towns PLACE	Other Petroleum	Regulation under CLM Act not required	-33.85581123	151.2024759
MILPERRA	Heatcraft Australia Pty Ltd	286 Horsley ROAD	Other Industry	Regulation under CLM Act not required	-33.94031556	150.9958606
MILPERRA	United Group Rail Pty Limited	373 Horsley ROAD	Landfill	Regulation under CLM Act not required	-33.93286283	150.9934071
MILPERRA	Caltex Service Station	264 Milperra ROAD	Service Station	Regulation under CLM Act not required	-33.93018101	150.9910964
MILPERRA	Former Landfill	479 Henry Lawson DRIVE	Landfill	Regulation under CLM Act not required	-33.934134	150.977839
MILTON	Former Sanitary Depot	Slaughterhouse ROAD	Other Industry	Regulation under CLM Act not required	-35.33819825	150.4471917
MILTON	Caltex Milton Service Station and Depot	331 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-35.33154474	150.4492852
MINCHINBURY	7-Eleven (former Mobil) Service Station	815 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.78812909	150.8495992
MINCHINBURY	BP Service Station	1055 Great Western Highway corner Archbold ROAD	Service Station	Regulation under CLM Act not required	-33.78211857	150.8244185
MINTO	Land adjacent to Former Shell depot	Airds Road and Essex STREET	Other Petroleum	Regulation under CLM Act not required	-34.02140447	150.8415134
MINTO	Shell Coles Express Service Station	73 Pembroke STREET	Service Station	Regulation under CLM Act not required	-34.02316454	150.8503118
MINTO	Former Endeavour Energy Depot	Pembroke ROAD	Other Petroleum	Regulation under CLM Act not required	-34.0408973	150.8451837
MINTO	Logistics Hub - Culverston Road, Minto	Culverston ROAD	Other Petroleum	Regulation under CLM Act not required	-34.0421711	150.833825
MIRANDA	Woolworth's Service Station	455 Kingsway OTHER	Service Station	Contamination currently regulated under CLM Act	-34.03492814	151.1124681
MITTAGONG	Lots 1 and 2 Alfred St.	Alfred STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-34.44738105	150.4565159
MITTAGONG	Enhance (former Coles Express) Service Station	224 Old Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-34.44746118	150.4326183
MITTAGONG	Caltex Mittagong Service Station	65 Bowral ROAD	Service Station	Regulation under CLM Act not required	-34.45245915	150.4381291
MOAMA	Caltex Moama Service Station	73 Meninya (Cnr Regent St) STREET	Service Station	Regulation under CLM Act not required	-36.10815134	144.752849
MOLONG	Cabonne BP Service Station	2 Gidley STREET	Service Station	Contamination currently regulated under CLM Act	-33.09026307	148.8695809
MOLONG	Former Gasworks	Hill STREET	Gasworks	Contamination currently regulated under CLM Act	-33.09074595	148.8703262
MONA VALE	Mona Vale Bus Depot	58 Darley STREET	Other Petroleum	Contamination currently regulated under CLM Act	-33.67452414	151.3074246
MONA VALE	Former Caltex service station and adjacent properties	79 Barrenjoey Road, 2 Polo Avenue, 6 Polo Avenue, 45 Bassett	Service Station	Contamination formerly regulated under the CLM Act	-33.6743659	151.3096932

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MONA VALE	Caltex Investigation Area	Polo Ave, Perak STREET	Service Station	Contamination formerly regulated under the CLM Act	-33.67431333	151.3091148
MONA VALE	7-Eleven (former Mobil) Service Station	24 Barrenjoey ROAD	Service Station	Regulation under CLM Act not required	-33.676909	151.3082515
MONA VALE	BP Peninsula Express Service Station	Corner Barrenjoey Road and Darley Street East STREET	Service Station	Regulation under CLM Act not required	-33.67670799	151.3090068
MONA VALE	BP Service Station Mona Vale	1721 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.68043443	151.3023553
MOOBALL	Mooball General Store	5913 Tweed Valley WAY	Service Station	Regulation under CLM Act not required	-28.44204594	153.4887648
MOONBI	Caltex Moonbi Service Station	New England HIGHWAY	Service Station	Regulation under CLM Act not required	-31.02264369	151.069094
MOORE PARK	Area 2, Moore Park	Driver AVENUE	Unclassified	Regulation under CLM Act not required	-33.89426868	151.2226839
MOOREBANK	ABB Australia Pty Ltd	(a) 1 Bapaume ROAD	Other Industry	Ongoing maintenance required to manage residual contamination	-33.94143741	150.9208754
MOOREBANK	Caltex Service Station	216 Newbridge ROAD	Service Station	Regulation under CLM Act not required	-33.92930835	150.9551469
MOOREBANK	Joyce Foam Products	5-9 Bridges ROAD	Chemical Industry	Regulation under CLM Act not required	-33.92596302	150.9335273
MOOREBANK	Caltex Service Station Moorebank	2 Bridges ROAD	Service Station	Regulation under CLM Act not required	-33.92839682	150.9327012
MOOREBANK	Former Landfill Site	Newbridge ROAD	Landfill	Under assessment	-33.93907207	150.9654125
MOORLAND	Caltex Service Station	99 Jericho ROAD	Service Station	Regulation under CLM Act not required	-31.79436622	152.6514849
MOREE	Former Freedom Service Station Site Moree	1 Dover STREET	Service Station	Contamination currently regulated under CLM Act	-29.4715814	149.8440279
MOREE	Former Golden Fleece	Gosport STREET	Other Petroleum	Contamination currently regulated under CLM Act	-29.47698315	149.8477108
MOREE	Former Mobil Depot	Gosport STREET	Other Petroleum	Contamination currently regulated under CLM Act	-29.47771921	149.8478438
MOREE	Caltex Service Station	54 Alice STREET	Service Station	Contamination currently regulated under CLM Act	-29.47158492	149.8433182
MOREE	Former Shell Depot	Adelaide STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-29.47655335	149.8465698
MOREE	Caltex Depot	101 Gosport STREET	Other Petroleum	Regulation under CLM Act not required	-29.47603684	149.8476728
MOREE	Moree Airport Evaporation Pond	Newell HIGHWAY	Unclassified	Regulation under CLM Act not required	-29.50289837	149.8411301
MOREE	Shell Coles Express Service Station	Corner Gwydir and Balo STREET	Service Station	Regulation under CLM Act not required	-29.46081826	149.8419975
MOREE	BP Truckstop and Depot Moree	Newell Highway - 423 Frome STREET	Service Station	Regulation under CLM Act not required	-29.48223274	149.8463679
MORISSET	Railcorp Station Masters Cottage	24 Dora STREET	Unclassified	Regulation under CLM Act not required	-33.10849681	151.4880317
MORPETH	Telstra Cable Installation and RTA Bridge work	Northumberland STREET	Other Petroleum	Regulation under CLM Act not required	-32.72489729	151.6266795
MORPETH	Former Service Station	Swan STREET	Service Station	Regulation under CLM Act not required	-32.72477413	151.6250642

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MORTLAKE	Kendall Bay Sediments	Kendall Bay	Gasworks	Contamination currently regulated under CLM Act	-33.83905999	151.1120458
MORTLAKE	Former AGL site	Tennyson ROAD	Gasworks	Contamination formerly regulated under the CLM Act	-33.84287407	151.1109313
MORTLAKE	Former Petroleum Storage Site	108-116 Tennyson ROAD	Other Petroleum	Regulation under CLM Act not required	-33.83979033	151.1064889
MORUYA	Caltex Service Station Moruya	80-84 Campbell STREET	Service Station	Regulation under CLM Act not required	-35.91195596	150.0824213
MORUYA	Caltex Service Station	26 Campbell STREET	Service Station	Regulation under CLM Act not required	-35.9104985	150.0711419
MORUYA	Former Fuel Depot Moruya	11 to 13 Ford STREET	Other Petroleum	Under assessment	-35.9112243	150.0826475
MOSMAN	7-Eleven Mosman	162A Spit Road Corner Mitchell ROAD	Service Station	Regulation under CLM Act not required	-33.81747016	151.2433633
MOSMAN	BP Service Station	175 Ourimbah ROAD	Service Station	Regulation under CLM Act not required	-33.82106757	151.233291
MOSMAN	7-Eleven Service Station Mosman	45 Spit ROAD	Service Station	Regulation under CLM Act not required	-33.82302718	151.2435627
MOSS VALE	Woolworths Service Station Moss Vale	609 Argyle STREET	Service Station	Regulation under CLM Act not required	-34.55409411	150.3609797
MOSS VALE	Coles Express Service Station	579 Argyle STREET	Service Station	Regulation under CLM Act not required	-34.55313422	150.364684
MOSS VALE	Moss Vale Refuelling Facility	Lackey ROAD	Other Petroleum	Regulation under CLM Act not required	-34.54662421	150.3721525
MOUNT ANNAN	Great Southern Railways Aqueduct	Off Narellan ROAD	Unclassified	Regulation under CLM Act not required	-34.07308479	150.7707436
MOUNT COLAH	Caltex Service Station Mount Colah	603 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.67034662	151.1151861
MOUNT DRUITT	Caltex (former Mobil) Service Station	17 Mount STREET	Service Station	Regulation under CLM Act not required	-33.76567994	150.8244544
MOUNT HUTTON	Woolworths Service Station	46 Wilsons ROAD	Service Station	Regulation under CLM Act not required	-32.9836378	151.67309
MOUNT PRITCHARD	7-Eleven Service Station	352 Elizabeth DRIVE	Service Station	Regulation under CLM Act not required	-33.90260656	150.8963326
MOUNT THORLEY	Lowes Petroleum (Former BP) Depot Mount Thorley	74 Mount Thorley ROAD	Other Petroleum	Regulation under CLM Act not required	-32.62443074	151.1025122
MOUNT VICTORIA	Former Mobil Service Station	81 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.5889727	150.2511783
MOUNT VICTORIA	Caltex Service Station	36a Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.58436517	150.2465528
MUDGEES	Mobil Depot	Cnr Inglis Street & Douro STREET	Other Petroleum	Contamination currently regulated under CLM Act	-32.60023979	149.5823448
MUDGEES	Caltex Service Station	114-116 Church STREET	Service Station	Regulation under CLM Act not required	-32.59428029	149.5876199
MUDGEES	Shell Coles Express Service Station	47 Church STREET	Service Station	Regulation under CLM Act not required	-32.59347493	149.5884623
MUDGEES	BP Service Station Mudgee	77 Church STREET	Service Station	Regulation under CLM Act not required	-32.59545872	149.588123
MUDGEES	Mudgee Gasworks	Mortimer Street and Court STREET	Gasworks	Regulation under CLM Act not required	-32.59168859	149.5817705

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
MUDGEES	Former Essential Energy Depot	27-31 Inglis STREET	Other Industry	Regulation under CLM Act not required	-32.60073	149.585658
MUDGEES	Former Caltex Depot Mudgee	cnr Nicholson Street & Atkinson STREET	Other Petroleum	Regulation under CLM Act not required	-32.60125298	149.5851398
MULGRAVE	7-Eleven (former Mobil) Service Station	Corner Windsor Road and Mulgrave ROAD	Service Station	Regulation under CLM Act not required	-33.61687781	150.8341809
MULWALA	Mulwala ADI Explosives Factory	Bayly STAIRS	Other Industry	Regulation being finalised	-35.97572689	145.9809786
MURWILLUMBAH	Puma Murwillumbah (formerly Matilda)	182 Tweed Valley WAY	Service Station	Contamination currently regulated under CLM Act	-28.3263681	153.4103824
MURWILLUMBAH	Murwillumbah Ambulance Depot	27 Queen STREET	Other Petroleum	Regulation under CLM Act not required	-28.32552576	153.4000182
MURWILLUMBAH SOUTH	Former Norco Butter Factory (Eastern Portion)	230 Tweed Valley WAY	Other Petroleum	Regulation under CLM Act not required	-28.32791359	153.4073052
MUSWELLBROOK	Former Caltex Depot	1 Lower William STREET	Other Petroleum	Regulation being finalised	-32.26614257	150.8865136
MUSWELLBROOK	Vacant Rail Land	27 Brook STREET	Unclassified	Regulation under CLM Act not required	-32.26346086	150.8873181
MUSWELLBROOK	United Branded (Former Mobil) Service Station Muswellbrook	49-51 Maitland STREET	Service Station	Regulation under CLM Act not required	-32.27218162	150.8900206
MUSWELLBROOK	Former Mobil Depot Muswellbrook	43-51 Ford STREET	Other Petroleum	Regulation under CLM Act not required	-32.2599725	150.887573
MUSWELLBROOK	Woolworths Petrol	72 Brook STREET	Service Station	Regulation under CLM Act not required	-32.26325377	150.8905966
MUSWELLBROOK	Caltex Muswellbrook Service Station	84-86 Maitland STREET	Service Station	Regulation under CLM Act not required	-32.27793094	150.8980938
MUSWELLBROOK	Former Gasworks	Cnr Carl St and Foley STREET	Gasworks	Regulation under CLM Act not required	-32.26672337	150.8935982
MUSWELLBROOK	Bayswater Power Station	New England HIGHWAY	Other Industry	Regulation under CLM Act not required	-32.3954046	150.9502683
MUSWELLBROOK	Former Industrial Site	Lot 89 Rathmore STREET	Other Industry	Regulation under CLM Act not required	-32.30544071	150.8823657
MUSWELLBROOK	Caltex Service Station	12-16 Sydney STREET	Service Station	Regulation under CLM Act not required	-32.26785559	150.8879601
MUSWELLBROOK	Former Caltex Depot	47-50 Victoria STREET	Service Station	Regulation under CLM Act not required	-32.26788823	150.8930609
NABIAC	Caltex Service Station NABIAC	3964 Wallanbah (Cnr Wallanbah Rd and Pacific Hwy) ROAD	Service Station	Regulation under CLM Act not required	-32.09864883	152.3754346
NAMBUCCA HEADS	Former Mobil Service Station	6 Bowra STREET	Service Station	Regulation under CLM Act not required	-30.64282127	153.0035884
NARELLAN	Caltex Service Station Narellan	1 George Hunter DRIVE	Service Station	Regulation under CLM Act not required	-34.03963992	150.7432386
NARELLAN	Former Landfill	1 Elyard STREET	Landfill	Regulation under CLM Act not required	-34.043474	150.7393256
NAROOMA	Former Caltex - Narooma	82 Princes HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-36.21711766	150.1279305
NAROOMA	Narooma Service Station	60 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-36.21617955	150.126261
NARRABEEN	Caltex Service Station	1509-1511 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.70455756	151.2969352

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
NARRABEEN	Shell Coles Express Service Station	1418 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.70013931	151.3002782
NARRABEEN	7-Eleven Service Station	1234 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.71958892	151.298272
NARRABRI	Cargill Soapstock Disposal Site	Westport ROAD	Unclassified	Contamination formerly regulated under the CLM Act	-30.4698458	149.6981931
NARRABRI	Caltex Service Station	13 Doyle STREET	Service Station	Regulation under CLM Act not required	-30.3239182	149.7843052
NARRABRI	Lowes Petroleum (Former Mobil) Narrabri Depot	3 Old Gunnedah ROAD	Other Petroleum	Regulation under CLM Act not required	-30.33473586	149.789587
NARRABRI	Caltex Service Station	31-35 Cooma ROAD	Service Station	Regulation under CLM Act not required	-30.33968576	149.7657241
NARRABRI	Caltex Narrabri Service Station	31 Dangar (Cnr Anne and Dangar) STREET	Service Station	Regulation under CLM Act not required	-30.32989667	149.7756598
NARRABRI	Caltex Service Station	12 Reid STREET	Other Petroleum	Regulation under CLM Act not required	-30.32282764	149.7901182
NARRABRI	Caltex Service Station	7-13 James STREET	Service Station	Regulation under CLM Act not required	-30.33016168	149.7940732
NARRANDERA	Former Mobil Narrandera Depot	24 Whitton STREET	Other Petroleum	Regulation under CLM Act not required	-34.7410523	146.5620667
NARRANDERA	Former Mobil Emoleum Narrandera Depot	5-7 Margaret STREET	Other Petroleum	Regulation under CLM Act not required	-34.74105391	146.5628144
NARROMINE	Narromine Fuel (Former Caltex) Service Station	Cnr Burraway Street and Algalah STREET	Service Station	Regulation under CLM Act not required	-32.23565321	148.2454259
NELLIGEN	Former Clay Target Shooting Range	1398 Kings Highway and adjoining land on Old Bolaro Mountain	Unclassified	Contamination currently regulated under CLM Act	-35.64392469	150.0955224
NELLIGEN	Lot 2 Old Bolaro Road	Old Bolaro ROAD	Unclassified	Contamination formerly regulated under the CLM Act	-35.64485609	150.0937341
NELSON BAY	Shell Coles Express Service Station	25 Stockton STREET	Service Station	Regulation under CLM Act not required	-32.72265762	152.1437317
NELSON BAY	Former Caltex Service Station Nelson Bay	38 Stockton STREET	Service Station	Regulation under CLM Act not required	-32.72335662	152.1429384
NEMINGHA	Caltex Service Station and Depot Nemingha	428 Armidale (previously 16 New England Highway) ROAD	Service Station	Regulation under CLM Act not required	-31.12425169	150.9909054
NEUTRAL BAY	Caltex Service Station	16-38 Military ROAD	Service Station	Regulation being finalised	-33.82907162	151.2163342
NEUTRAL BAY	Shell Coles Express Service Station	200-204 Ben Boyd ROAD	Service Station	Regulation under CLM Act not required	-33.82915781	151.219437
NEW LAMBTON	Caltex Service Station New Lambton	144 Bridges ROAD	Service Station	Regulation under CLM Act not required	-32.93283668	151.7141748
NEW LAMBTON	BP Service Station	105 St James ROAD	Service Station	Regulation under CLM Act not required	-32.92910325	151.7155801
NEW LAMBTON	7-Eleven (former Mobil) Service Station	291 Turton ROAD	Service Station	Regulation under CLM Act not required	-32.91773864	151.7243096
NEWCASTLE	Reclaimed Land	26-28 Honeysuckle DRIVE	Unclassified	Contamination formerly regulated under the CLM Act	-32.92604705	151.7649508
NEWCASTLE	BHP Steelworks (Closure site)	Bound by Hunter River, Selwyn Street & Industrial DRIVE	Metal Industry	Ongoing maintenance required to manage residual contamination	-32.89436064	151.7590762
NEWCASTLE	Wharf Road Newcastle Car Park	313-317 Wharf ROAD	Unclassified	Regulation under CLM Act not required	-32.92570385	151.7744076

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
NEWCASTLE	Newcastle Foreshore	40 Stevenson Place STREET	Other Industry	Regulation under CLM Act not required	-32.92556503	151.7876742
NEWCASTLE	SRA Land	Scott STREET	Gasworks	Regulation under CLM Act not required	-32.92641425	151.7837817
NEWCASTLE WEST	Former Mobil Service Station	113 Parry STREET	Service Station	Regulation under CLM Act not required	-32.92560628	151.7558542
NEWPORT	7-Eleven (former Mobil) Service Station	307 Barrenjoey ROAD	Service Station	Regulation under CLM Act not required	-33.65632902	151.3182089
NEWPORT	Former Caltex Service Station Newport	316-324 Barrenjoey ROAD	Service Station	Regulation under CLM Act not required	-33.65634516	151.3191571
NEWTOWN	Former Service Station	81 Wilson STREET	Service Station	Contamination formerly regulated under the CLM Act	-33.89626791	151.1827556
NEWTOWN	Adjacent to Former Service Station	79 Wilson STREET	Service Station	Contamination formerly regulated under the CLM Act	-33.89630155	151.1826567
NEWTOWN	Aluminium Enterprises	66 Brocks LANE	Metal Industry	Contamination was addressed via the planning process (EP&A Act)	-33.89467126	151.1847528
NEWTOWN	Caltex Service Station Newtown	26 - 36 Enmore ROAD	Service Station	Regulation under CLM Act not required	-33.89851331	151.17714
NORAVILLE	Former Toukley Landfill	Wilfred Barrett DRIVE	Landfill	Regulation under CLM Act not required	-33.27734185	151.5537784
NORTH ALBURY	Caltex Service Station and Diesel Stop	79 Union ROAD	Service Station	Regulation under CLM Act not required	-36.05496713	146.9487635
NORTH BOAMBEE VALLEY	Caltex Service Station	Cnr Pacific Hwy & Halls ROAD	Service Station	Regulation under CLM Act not required	-30.30639482	153.1007996
NORTH BONDI	Caltex Service Station North Bondi	321 Old South Head ROAD	Service Station	Regulation under CLM Act not required	-33.88463526	151.268551
NORTH NARRABEEN	7-Eleven Service Station	1501-1503 Pittwater ROAD	Service Station	Regulation under CLM Act not required	-33.70749859	151.296351
NORTH RICHMOND	Caltex Service Station	50 Bells Line Of ROAD	Service Station	Regulation under CLM Act not required	-33.57991338	150.7202346
NORTH ROCKS	7-Eleven Service Station North Rocks	340 North Rocks ROAD	Service Station	Regulation under CLM Act not required	-33.76895144	151.0305952
NORTH ST MARYS	BP Service Station	76 Glossop STREET	Service Station	Regulation under CLM Act not required	-33.76020183	150.7818149
NORTH STRATHFIELD	Budget Service Station	143 Concord ROAD	Service Station	Regulation under CLM Act not required	-33.85945248	151.0927853
NORTH STRATHFIELD	Former Caltex Service Station	92a Concord ROAD	Service Station	Regulation under CLM Act not required	-33.86244297	151.0932434
NORTH SYDNEY	HMAS Platypus Neutral Bay	High STREET	Gasworks	Contamination currently regulated under CLM Act	-33.84325935	151.2170347
NORTH SYDNEY	Neutral Bay Sediments	Adjacent to HMAS Platypus, 118 High STREET	Gasworks	Contamination formerly regulated under the CLM Act	-33.842724	151.2174523
NORTH SYDNEY	Iora Complex	1 Kiara PLACE	Gasworks	Regulation under CLM Act not required	-33.843145	151.2161142
NORTH WOLLONGONG	Former Mobil Depot	122-126 Montague STREET	Other Petroleum	Regulation under CLM Act not required	-34.40988259	150.8939374
NORTHMEAD	Former Prestige Plastics	1C Redbank ROAD	Other Industry	Regulation under CLM Act not required	-33.79716925	150.989926
NORTHMEAD	Coles Express Service Station Northmead	197 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.77741733	151.0001719

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
NORTHMEAD	Sydney Water Land	51c Hammers ROAD	Landfill	Regulation under CLM Act not required	-33.7887535	150.9858088
NORTHMEAD	Caltex Service Station	98-100 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.78786563	150.9945909
NORTHMEAD	7-Eleven Service Station Northmead	56 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.79090731	150.9967332
NOWRA	Former gasworks	Lamonds LANE	Gasworks	Contamination currently regulated under CLM Act	-34.87111182	150.6000803
NOWRA	Woolworths Service Station	2 Berry STREET	Service Station	Regulation being finalised	-34.87266278	150.6014052
NOWRA	Former Gasworks Managers Residence	24 Osborne STREET	Gasworks	Regulation under CLM Act not required	-34.8708875	150.5992586
NOWRA	Fire Station	69 Bridge ROAD	Gasworks	Regulation under CLM Act not required	-34.87081582	150.6004881
NOWRA	Historically Filled Land	70 Bridge ROAD	Unclassified	Regulation under CLM Act not required	-34.87081809	150.6013231
NOWRA	Shell Coles Express Service Station	55 Kinghorne STREET	Service Station	Regulation under CLM Act not required	-34.87633757	150.6023481
NOWRA	Former Hollingworth Scrap Yard	72-74 Jervis and 117 East STREET	Other Industry	Regulation under CLM Act not required	-34.88324216	150.6034361
NOWRA	Harry Sawkins Park	Bounded by Princes Hwy, Graham St & McGrath AVENUE	Gasworks	Regulation under CLM Act not required	-34.87093993	150.6037157
NOWRA EAST	Mobil Service Station	Lot 3 Kalandar STREET	Service Station	Contamination formerly regulated under the CLM Act	-34.88850535	150.6093504
NYNGAN	Caltex Service Station	39-41 Pangee STREET	Service Station	Regulation under CLM Act not required	-31.56101006	147.1914997
NYNGAN	Caltex Service Station	126 Pangee STREET	Service Station	Regulation under CLM Act not required	-31.56482841	147.2002892
OAK FLATS	Shellharbour City Works Depot	132 Industrial ROAD	Other Industry	Regulation under CLM Act not required	-34.56546013	150.8087225
OBERON	CSR Ltd Property and King's Stockyard Creek	Off Endeavour STREET	Other Industry	Contamination formerly regulated under the CLM Act	-33.6922152	149.8686909
OBERON	Caltex Service Station and Depot	Lowes Mount ROAD	Service Station	Regulation under CLM Act not required	-33.69509055	149.8570553
OBERON	Oberon Timber Complex	Lowes Mount ROAD	Other Industry	Regulation under CLM Act not required	-33.69264862	149.8564588
OBERON	Former Shell Depot	32 O'Connell ROAD	Other Petroleum	Regulation under CLM Act not required	-33.6997172	149.8450057
OCEAN SHORES	Former Ocean Shores Service Station	Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-28.51270299	153.5301496
OLD GUILDFORD	Caltex Service Station	636-644 Woodville ROAD	Service Station	Regulation under CLM Act not required	-33.86670857	150.9879189
ORANGE	Electrolux Orange	5-7 Edward STREET	Other Industry	Contamination currently regulated under CLM Act	-33.29874849	149.1038449
ORANGE	Caltex Orange Depot	184 Byng STREET	Service Station	Regulation under CLM Act not required	-33.28285589	149.1050273
ORANGE	Woolworths Orange Service Station	357-361 Summer (Cnr William St) STREET	Service Station	Regulation under CLM Act not required	-33.28445811	149.1053604
ORANGE	BP Orange Service Station (Reliance Petroleum)	81 Summer STREET	Service Station	Regulation under CLM Act not required	-33.2825884	149.0951535

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
ORANGE	BP-Branded Lowes Petroleum Depot	197 - 201 Margaret STREET	Other Petroleum	Regulation under CLM Act not required	-33.27145977	149.1078103
ORANGE	Caltex Summer Street Service Station Orange	70-74 Summer (Cnr Hill St) STREET	Service Station	Regulation under CLM Act not required	-33.28311722	149.0940712
ORANGE	Lowes Petroleum (BP-branded) Service Station	76 Peisley STREET	Service Station	Regulation under CLM Act not required	-33.29025034	149.1027194
ORANGE	Former Mobil Service Station	24-28 Bathurst ROAD	Service Station	Regulation under CLM Act not required	-33.2866912	149.1066505
ORANGE	BP (Reliance Petroleum) Service Station Orange	56-60 Bathurst ROAD	Service Station	Regulation under CLM Act not required	-33.28980053	149.1086212
ORANGE	Former Mobil Service Station	168 Peisley STREET	Service Station	Regulation under CLM Act not required	-33.28525478	149.1037259
OURIMBAH	Palmdale Service Centre Pty Ltd	3130 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.3381336	151.374586
OURIMBAH	Shell Coles Express Service Station	78-80 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.3468202	151.3710098
OXLEY VALE	Hayes Transport Services	10 Manilla ROAD	Other Petroleum	Regulation under CLM Act not required	-31.06991417	150.9101381
OYSTER BAY	Shell Coles Express Service Station	20 Carvers ROAD	Service Station	Contamination currently regulated under CLM Act	-34.00934475	151.0758626
OYSTER COVE	Cove Marine Pty Ltd	60 Frederick STREET	Unclassified	Contamination currently regulated under POEO Act	-32.73549959	151.952446
PADDINGTON	7-Eleven Service Station	59 Oxford STREET	Service Station	Contamination currently regulated under CLM Act	-33.88322921	151.2205024
PADSTOW	Galvatech	49 Gow STREET	Metal Industry	Contamination currently regulated under POEO Act	-33.93808679	151.0346862
PADSTOW	Caltex Padstow	115 Fairford ROAD	Service Station	Regulation under CLM Act not required	-33.9434571	151.0345671
PADSTOW	Selleys / Dulux	1-29 Gow STREET	Chemical Industry	Regulation under CLM Act not required	-33.93904125	151.0381725
PADSTOW	Foseco Australia	7 Stuart STREET	Chemical Industry	Regulation under CLM Act not required	-33.94342957	151.0377316
PADSTOW	Sebel Furniture	Parts 64 and 92 Gow STREET	Other Industry	Regulation under CLM Act not required	-33.93606752	151.0322057
PAGEWOOD	Former Email Site	Corner of Page Street and Holloway STREET	Other Industry	Contamination currently regulated under CLM Act	-33.94302462	151.2132036
PAMBULA	Offsite area (roadways) adjacent to United Service Station Pambula	Corner Quondola Street and Bullara STREET	Service Station	Regulation under CLM Act not required	-36.93104481	149.8746763
PARKES	Caltex Service Station Parkes	352-360 Clarinda STREET	Service Station	Regulation under CLM Act not required	-33.13317454	148.173643
PARKES	Former Caltex Parkes (Mugincoble) Depot - Eugowra Rd,	Eugowra ROAD	Service Station	Regulation under CLM Act not required	-33.19007031	148.224822
PARKES	BP Truckstop	(Newell Highway) 1 Forbes ROAD	Other Petroleum	Regulation under CLM Act not required	-33.14309226	148.1710282
PARKES	Former BP Telescope Service Station	339-341 Clarinda STREET	Service Station	Regulation under CLM Act not required	-33.13216152	148.1743239
PARKES	BP Reliance East End Service Station Parkes	46 Clarinda STREET	Service Station	Regulation under CLM Act not required	-33.14243539	148.1846227
PARKLEA	Caltex Parklea Service Station	Old Windsor (north of Miami Street) ROAD	Service Station	Regulation under CLM Act not required	-33.72427108	150.9388531

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PARRAMATTA	BP Service Station	435 Church STREET	Service Station	Regulation under CLM Act not required	-33.80498714	151.0056151
PARRAMATTA	Coleman Oval Embankment	Cnr of Pitt STREET and Maquarie STREET	Unclassified	Regulation under CLM Act not required	-33.80441625	150.9954841
PARRAMATTA	7-Eleven (former Mobil) Service Station	81 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.80919769	151.0142894
PARRAMATTA	Parramatta Park Toilet Block Demolition	The Crescent Toilet Block Parramatta PARK	Unclassified	Regulation under CLM Act not required	-33.81054034	150.9961968
PAUPONG	Former Timber Treatment Plant	Off Paupong ROAD	Other Industry	Regulation under CLM Act not required	-36.57657408	148.6624998
PENDLE HILL	7-Eleven Service Station	217 Wentworth AVENUE	Service Station	Regulation under CLM Act not required	-33.8017814	150.9577994
PENNANT HILLS	Shell Coles Express Pennant Hills West	386 Pennant Hills ROAD	Service Station	Contamination currently regulated under CLM Act	-33.73936462	151.0680237
PENRITH	Crane Enfield Metals	Castlereagh ROAD	Metal Industry	Contamination currently regulated under CLM Act	-33.73734959	150.696442
PENRITH	Mirvac Industrial Site	2101 Castlereagh ROAD	Other Industry	Regulation under CLM Act not required	-33.73497514	150.6954097
PENRITH	7-Eleven (former Mobil) Service Station	212-222 Andrews ROAD	Service Station	Regulation under CLM Act not required	-33.73059678	150.6952571
PENRITH	Lowes Petroleum (Former Mobil) Depot Penrith	174 Coreen AVENUE	Other Petroleum	Regulation under CLM Act not required	-33.74484268	150.6980504
PENRITH	Caltex Service Station	Castlereagh Rd Cnr Lugard STREET	Service Station	Regulation under CLM Act not required	-33.73426843	150.6933382
PENRITH	BP Express Service Station	Corner Coreen Avenue and Castlereagh ROAD	Service Station	Regulation under CLM Act not required	-33.74385498	150.6925743
PENRITH	7-Eleven Service Station Penrith	30 Henry STREET	Service Station	Regulation under CLM Act not required	-33.75408799	150.7045594
PENRITH	Caltex Penrith Service Station	153 Coreen AVENUE	Service Station	Regulation under CLM Act not required	-33.74287244	150.6927071
PENRITH	Jet 60 Dry Cleaners	Shop 3 134-138 Henry STREET	Unclassified	Regulation under CLM Act not required	-33.75231953	150.6964541
PENSHURST	7-Eleven Service Station	612 Forest ROAD	Service Station	Regulation under CLM Act not required	-33.96153533	151.0793525
PENSHURST	Caltex Service Station	641 King Georges ROAD	Service Station	Regulation under CLM Act not required	-33.95985335	151.0891118
PERISHER VALLEY	Perisher Centre Loading Dock	Kosciuszko ROAD	Other Petroleum	Regulation under CLM Act not required	-36.40392862	148.4111593
PERISHER VALLEY	Perisher Ski Resort	Kosciuszko ROAD	Other Petroleum	Regulation under CLM Act not required	-36.41106374	148.4005469
PETERSHAM	Fanny Durack Aquatic Centre	Station STREET	Unclassified	Regulation under CLM Act not required	-33.89194583	151.151824
PHEASANTS NEST	7-Eleven Service Station	(Southbound) Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-34.28291571	150.6394606
PHEASANTS NEST	7-Eleven (former Mobil) Service Station	(Northbound) Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-34.28303112	150.6363145
PICTON	Coles Express Picton	93-99 Argyle STREET	Service Station	Regulation under CLM Act not required	-34.16844337	150.6114236
PICTON	McDonalds	69 -71 Argyle STREET	Service Station	Regulation under CLM Act not required	-34.16711877	150.6121524

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PLUMPTON	Woolworths Service Station Plumpton (Plumpton Marketplace	260 Jersey ROAD	Service Station	Regulation under CLM Act not required	-33.74478874	150.8369408
PORT BOTANY	Sydney Ports Bulk Liquids Berth	Charlotte ROAD	Other Petroleum	Contamination currently regulated under POEO Act	-33.97418047	151.2123791
PORT BOTANY	Vopak B	20 Friendship ROAD	Chemical Industry	Regulation under CLM Act not required	-33.97946548	151.2121752
PORT BOTANY	Vopak A	49 Friendship ROAD	Chemical Industry	Regulation under CLM Act not required	-33.97426175	151.2206228
PORT BOTANY	Terminals	45 Friendship ROAD	Chemical Industry	Regulation under CLM Act not required	-33.97609287	151.2174402
PORT BOTANY	Bunnerong Canal	Between Brotherson Dock and Bumbarah Point ROAD	Unclassified	Regulation under CLM Act not required	-33.96800557	151.2227633
PORT BOTANY	Port Botany Railway Corridors	Friendship ROAD	Other Industry	Regulation under CLM Act not required	-33.95467008	151.2178012
PORT BOTANY	Smith Bros	4 Bumbarah Point ROAD	Other Petroleum	Regulation under CLM Act not required	-33.9681757	151.2239505
PORT BOTANY	Sydney Ports Marine Services	Interterminal Access ROAD	Other Petroleum	Under assessment	-33.97214594	151.2173122
PORT KEMBLA	Port Kembla Orica	Foreshore Road and Darcy ROAD	Other Industry	Contamination currently regulated under CLM Act	-34.47773583	150.9054545
PORT KEMBLA	Manildra Park	Flinders STREET	Other Petroleum	Contamination formerly regulated under the CLM Act	-34.46946878	150.8935731
PORT KEMBLA	BHP Area 21	Springhill ROAD	Metal Industry	Contamination formerly regulated under the CLM Act	-34.45244614	150.8676517
PORT KEMBLA	Coates Hire Facility (Eastern Portion)	1 Flinders STREET	Other Industry	Regulation under CLM Act not required	-34.47104817	150.89162
PORT KEMBLA	Shell Port Kembla CVRO	87-89 Flinders STREET	Other Petroleum	Regulation under CLM Act not required	-34.46964995	150.8953859
PORT KEMBLA	Darcy Road Rail Sidings	Darcy ROAD	Other Industry	Regulation under CLM Act not required	-34.47792834	150.9105503
PORT KEMBLA	No 2 Steelworks	Five Islands ROAD	Metal Industry	Regulation under CLM Act not required	-34.45965024	150.8844432
PORT KEMBLA	Port Kembla, Auszinc Metals and Alloys	Lot 2 Shellharbour ROAD	Metal Industry	Regulation under CLM Act not required	-34.49335414	150.8961205
PORT KEMBLA	South Yard Rail Sidings	Lot 3 Old Port ROAD	Unclassified	Regulation under CLM Act not required	-34.47500551	150.8951759
PORT KEMBLA	Caltex Service Station	16 Flinders STREET	Service Station	Regulation under CLM Act not required	-34.47058088	150.8945864
PORT KEMBLA	Port Kembla Steelworks Recycling Area	Springhill ROAD	Unclassified	Regulation under CLM Act not required	-34.45271181	150.8677127
PORT KEMBLA	Commonwealth Rolling Mills (CRM)	Old Port ROAD	Metal Industry	Regulation under CLM Act not required	-34.47476117	150.8974746
PORT KEMBLA	Port Kembla, Former Electricity Commission Site	Old Port Road/Christie Drive ROAD	Other Industry	Regulation under CLM Act not required	-34.46899143	150.8982854
PORT KEMBLA	Port Kembla Steelworks - Steelhaven	Five Islands ROAD	Other Industry	Regulation under CLM Act not required	-34.47605247	150.891144
PORT KEMBLA	Port Kembla Steelworks - No.1 Works Site	Five Islands ROAD	Metal Industry	Regulation under CLM Act not required	-34.47386606	150.8794912
PORT KEMBLA	Port Kembla Springhill Works	Springhill ROAD	Metal Industry	Regulation under CLM Act not required	-34.45905808	150.8749558

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PORT KEMBLA	Port Kembla Copper Smelter	Military ROAD	Metal Industry	Under assessment	-34.4810006	150.9063426
PORT MACQUARIE	Former Mobil Depot	211 Lake ROAD	Other Petroleum	Regulation under CLM Act not required	-31.44688513	152.8864499
PORT MACQUARIE	Caltex Service Station	112-114 Gordon STREET	Service Station	Regulation under CLM Act not required	-31.43491709	152.9047618
PORT MACQUARIE	Caltex Port Macquarie Service Station	29 Lord STREET	Service Station	Regulation under CLM Act not required	-31.43326436	152.9169873
PORT MACQUARIE	Coles Myer	43 John Oxley DRIVE	Service Station	Regulation under CLM Act not required	-31.45741442	152.8739626
PORT MACQUARIE	Air BP Avgas Facility	Oliver DRIVE	Other Petroleum	Regulation under CLM Act not required	-31.43227222	152.8681083
PORT MACQUARIE	Former Mobil Service Station	Corner Oxley Highway and Major Innes DRIVE	Service Station	Regulation under CLM Act not required	-31.45738931	152.873956
PORT MACQUARIE	Port Macquarie Council Depot	Koala STREET	Unclassified	Regulation under CLM Act not required	-31.45341586	152.9032764
PORT MACQUARIE	Shell Coles Express Port Macquarie Service Station	121 Gordon STREET	Service Station	Regulation under CLM Act not required	-31.4343131	152.9046869
PORT MACQUARIE	Caltex Service Station	92 Hastings River DRIVE	Service Station	Regulation under CLM Act not required	-31.42934052	152.8830188
PORT MACQUARIE	Caltex Service Station	12-14 Bolwarra ROAD	Service Station	Regulation under CLM Act not required	-31.45015286	152.8854769
PORT MACQUARIE	Car park	28 Hayward STREET	Other Industry	Regulation under CLM Act not required	-31.43385131	152.9072399
PORTLAND	Ivanhoe Colliery	Pipers Flat ROAD	Other Industry	Regulation under CLM Act not required	-33.36595748	150.0099577
PORTLAND	Mt Piper Power Station	350 Boulder ROAD	Other Petroleum	Regulation under CLM Act not required	-33.35581541	150.0350801
PRAIRIEWOOD	7-Eleven (former Caltex) Service Station	485-487 Smithfield ROAD	Service Station	Regulation under CLM Act not required	-33.87102509	150.9031383
PROSPECT	7-Eleven (former Mobil) Service Station Prospect	354 Flushcombe ROAD	Service Station	Regulation under CLM Act not required	-33.79541624	150.9049417
PROSPECT	Pincott's Cottage, Gate C1	Off Reservoir ROAD	Unclassified	Regulation under CLM Act not required	-33.81589773	150.9144343
PROSPECT	Gatehouse, 544 Reservoir Road	544 Reservoir ROAD	Unclassified	Regulation under CLM Act not required	-33.81049244	150.9157439
PROSPECT	Cottage 3, William Lawson Drive	William Lawson DRIVE	Unclassified	Regulation under CLM Act not required	-33.81490331	150.9149885
PUNCHBOWL	Former BP Service Station	1375 Canterbury Road, corner Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.93170424	151.0537302
PUNCHBOWL	Caltex Service Station Punchbowl	1285-1289 Canterbury ROAD	Service Station	Regulation under CLM Act not required	-33.93146308	151.0596348
PUNCHBOWL	Punchbowl Laundry	42-44 Belmore ROAD	Chemical Industry	Under assessment	-33.93582701	151.0562638
PUTNEY	Putney Marina	20 Waterview STREET	Other Industry	Regulation being finalised	-33.82608091	151.1003966
PYMBLE	Caltex Service Station	1117 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.74102977	151.1385257
PYMBLE	Shell Coles Express Service Station	21 Ryde ROAD	Service Station	Regulation under CLM Act not required	-33.75198512	151.1438115

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PYMBLE	Pymble West Dry Cleaners	6 Philip MALL	Other Industry	Under assessment	-33.76109009	151.1284329
PYRMONT	Former Council Works Depot (Fig and Wattle Depot)	14-26 Wattle STREET	Other Industry	Under assessment	-33.8752655	151.1942645
QUAKERS HILL	7-Eleven (former Mobil) Service Station	83 Lalor ROAD	Service Station	Regulation under CLM Act not required	-33.72759077	150.8966764
QUAKERS HILL	BP Branded Parkway (Former Caltex) Service Station Quakers	450 Quakers Hill PARKWAY	Service Station	Regulation under CLM Act not required	-33.72998613	150.9023617
QUEANBEYAN	Former Mobil Service Station	153 Uriarra ROAD	Service Station	Regulation under CLM Act not required	-35.34425514	149.2148687
QUEANBEYAN	Bill Lilley Automotive	169 Crawford STREET	Service Station	Regulation under CLM Act not required	-35.35138121	149.232486
QUEANBEYAN	Woolworths Queanbeyan Service Station	196 Crawford (Cnr Morisset St) STREET	Service Station	Regulation under CLM Act not required	-35.35163055	149.2335759
QUEANBEYAN	Caltex Queanbeyan Service Station	88 Macquoid (also known as Bungendore Rd) STREET	Service Station	Regulation under CLM Act not required	-35.34930535	149.2438607
QUEANBEYAN	Former Mobil Emoleum Depot	109-111 High STREET	Other Petroleum	Regulation under CLM Act not required	-35.3396115	149.237556
QUEANBEYAN	Former Caltex Depot	20-30 Railway STREET	Other Petroleum	Regulation under CLM Act not required	-35.34523	149.22333
QUEANBEYAN EAST	BP-Branded Service Station Queanbeyan	50 Yass ROAD	Service Station	Regulation under CLM Act not required	-35.34126641	149.2445103
QUEANBEYAN WEST	Caltex Service Station	Lanyon Dr Cnr Mccrae St (1 Suraci Place) STREET	Service Station	Regulation under CLM Act not required	-35.36372923	149.2067531
QUIRINDI	Former Mobil Depot Quirindi	4-6 Cross STREET	Other Petroleum	Regulation under CLM Act not required	-31.49903355	150.681972
QUIRINDI	Caltex Service Station, Quirindi	199-201 George STREET	Service Station	Regulation under CLM Act not required	-31.50654793	150.6803589
QUIRINDI	Tamarang Servicentre Quirindi	113-117 Station STREET	Service Station	Under assessment	-31.50179204	150.6814611
RAMSGATE	Shell Coles Express Service Station	Grand Parade cnr Ramsgate ROAD	Service Station	Regulation under CLM Act not required	-33.98537988	151.1471234
RANDWICK	7-Eleven Service Station	126-130 Barker STREET		Contamination currently regulated under CLM Act	-33.92096152	151.2355927
RANDWICK	Service Station	33-37 Carrington Road cnr Albion STREET	Service Station	Contamination currently regulated under CLM Act	-33.90655015	151.2525065
RANDWICK	Service Station, Randwick	33-37 Carrington ROAD	Service Station	Contamination currently regulated under CLM Act	-33.90655015	151.2525065
RANDWICK	Caltex Service Station	2 Alison ROAD	Service Station	Regulation under CLM Act not required	-33.9065752	151.2320697
RANDWICK	Metro Petroleum	345 Avoca STREET	Service Station	Regulation under CLM Act not required	-33.92544832	151.2396799
RAVENSWORTH	Ravensworth Operations Narama Mine	Lemington ROAD	Other Industry	Regulation under CLM Act not required	-32.47115903	151.0359579
RAVENSWORTH	Cumnock Colliery	Pikes Gully ROAD	Other Industry	Regulation under CLM Act not required	-32.40218281	150.9960082
RAYMOND TERRACE	Shell Coles Express Raymond Terrace	107 Adelaide (formerly Pacific Highway) STREET	Service Station	Regulation under CLM Act not required	-32.76110922	151.7492847
RAYMOND TERRACE	Caltex Service Station Raymond Terrace	136 Adelaide (Cnr Adelaide and Glenelg St) STREET	Service Station	Regulation under CLM Act not required	-32.76503842	151.7425264

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
RAYMOND TERRACE	Former Motor Registry	53 William STREET	Other Petroleum	Regulation under CLM Act not required	-32.76286473	151.7445839
REDFERN	BP Service Station	116 Regent STREET	Service Station	Regulation under CLM Act not required	-33.89367876	151.1995256
REDFERN	Former Printing Works	101a Marriott	Other Industry	Regulation under CLM Act not required	-33.89512556	151.2113422
REDFERN	BP-branded Jasbe Surry Hills	411 Cleveland STREET	Service Station	Regulation under CLM Act not required	-33.89183974	151.2132466
REVESBY	Bituminous Products	33-35 Violet STREET	Chemical Industry	Contamination currently regulated under CLM Act	-33.93702092	151.0067896
REVESBY	Mirotone Pty Ltd	21 Marigold STREET	Chemical Industry	Contamination currently regulated under POEO Act	-33.93559608	151.0002207
REVESBY	Dorf Clark Industries	184-194 Milperra ROAD	Metal Industry	Regulation under CLM Act not required	-33.93387149	151.000553
REVESBY	Caltex Service Station Revesby	181 The River ROAD	Service Station	Regulation under CLM Act not required	-33.95573605	151.0171779
RHODES	Former Allied Feeds site	Walker STREET	Other Industry	Contamination was addressed via the planning process (EP&A Act)	-33.82465376	151.0870401
RHODES	Homebush Bay Sediments adjoining the former UCAL and Allied Feeds sites	Homebush Bay	Chemical Industry	Ongoing maintenance required to manage residual contamination (CLM Act)	-33.8263749	151.0839216
RHODES	Former UCAL site	Walker STREET	Chemical Industry	Ongoing maintenance required to manage residual contamination	-33.82727505	151.0853195
RHODES	Homebush Bay sediments adjoining former Berger Paint	Oulton AVENUE	Chemical Industry	Ongoing maintenance required to manage residual contamination	-33.83535308	151.083238
RHODES	Former Glad factory site	10-16 Marquet STREET	Chemical Industry	Regulation under CLM Act not required	-33.82884048	151.0848716
RICHMOND	Caltex Richmond Service Station	98 March (Cnr East Market St) STREET	Service Station	Regulation under CLM Act not required	-33.59937996	150.7514483
RIVERSTONE	Axalta Coating Systems	15-23 Melbourne ROAD	Other Industry	Regulation under CLM Act not required	-33.6636649	150.8557519
RIVERSTONE	7-Eleven Riverstone	55 Garfield ROAD	Service Station	Regulation under CLM Act not required	-33.67802232	150.8635246
RIVERSTONE	Woolworths Vineyard Service Station, Riverstone	1 Woodland Street, corner of Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.65607641	150.8724067
RIVERSTONE	Vacant Commercial Land	88-94 Junction ROAD	Unclassified	Regulation under CLM Act not required	-33.66226398	150.8789967
RIVERWOOD	7-Eleven Riverwood	30 Bonds ROAD	Service Station	Regulation under CLM Act not required	-33.9523701	151.0583887
ROCKDALE	7-Eleven (former Mobil) Service Station	293 West Botany STREET	Service Station	Regulation under CLM Act not required	-33.94995672	151.1484667
ROCKDALE	7-Eleven Service Station	99 Railway STREET	Service Station	Regulation under CLM Act not required	-33.95247322	151.1356785
ROOTY HILL	7-Eleven (former Mobil) Service Station	106 Rooty Hill (South) ROAD	Service Station	Regulation under CLM Act not required	-33.78036181	150.8501998
ROOTY HILL	7-Eleven (former Mobil) Service Station	1042 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.78214955	150.8287656
ROSE BAY	Rose Bay Budget Service station	638 -646 New South Head ROAD	Service Station	Contamination currently regulated under CLM Act	-33.87062149	151.2677617

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
ROSE BAY	Caltex Rose Bay Service Station	488 Old South Head ROAD	Service Station	Regulation under CLM Act not required	-33.87475145	151.2723847
ROSEBERY	Caltex Rosebery Service Station	321 Gardeners (Cnr Macquarie St) ROAD	Service Station	Contamination currently regulated under CLM Act	-33.92302898	151.2059541
ROSEBERY	Rosebery Service Station	395 Gardeners ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.92246784	151.2024589
ROSEBERY	Autofoil P/L	2 Mentmore AVENUE	Other Industry	Regulation under CLM Act not required	-33.91121318	151.2054882
ROSEBERY	Former Industrial Site (Former Electroplating Facility)	108 Dunning AVENUE	Other Industry	Regulation under CLM Act not required	-33.91630811	151.201557
ROSEHILL	James Hardie Australia and former James Hardie lands	Devon STREET	Other Industry	Contamination currently regulated under CLM Act	-33.82539019	151.0339466
ROSEHILL	James Hardie Factory (former, western portion)	181 James Ruse DRIVE	Other Industry	Contamination currently regulated under CLM Act	-33.81605834	151.0238145
ROSELANDS	Roselands Shopping Centre	24 Roseland AVENUE	Service Station	Regulation under CLM Act not required	-33.93499281	151.0691284
ROSELANDS	7-Eleven (former Mobil) Service Station	91 Canary's ROAD	Service Station	Regulation under CLM Act not required	-33.93356078	151.0736274
ROSEVILLE	Mobil Service Station	2 Boundary STREET	Service Station	Regulation under CLM Act not required	-33.78769177	151.1796011
ROSEVILLE CHASE	Coles Express Roseville Chase	388 Eastern Valley WAY	Service Station	Regulation under CLM Act not required	-33.78337722	151.1973901
ROZELLE	Caltex Service Station	121 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.86252996	151.168497
ROZELLE	7-Eleven (former Mobil) Service Station	178-180 (176-184) Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.8630268	151.1680857
ROZELLE	Kennards Rozelle	15-39 Wellington STREET	Other Petroleum	Regulation under CLM Act not required	-33.86176757	151.1686519
ROZELLE	White Bay Power Station	Robert STREET	Other Industry	Regulation under CLM Act not required	-33.86674636	151.1772204
ROZELLE	BP Service Station	Corner Darling Street and Thornton STREET	Service Station	Regulation under CLM Act not required	-33.8591647	151.1716591
RUFUS RIVER	SA Water Depot - Rufus River	Old Wentworth STREET	Other Petroleum	Regulation under CLM Act not required	-34.04191512	141.2679475
RUSHCUTTERS BAY	d'Albora Marinas	1b New Beach ROAD	Other Industry	Contamination currently regulated under POEO Act	-33.87351297	151.2345082
RUTHERFORD	Rutherford Transpacific	11 Kyle STREET	Other Industry	Regulation under CLM Act not required	-32.71105203	151.500311
RUTHERFORD	Shell Coles Express Service Station Rutherford	118 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-32.7208703	151.5394595
RUTHERFORD	Caltex Service Station	134-138 New England HIGHWAY	Service Station	Regulation under CLM Act not required	-32.7202589	151.5381526
RUTHERFORD	Transpacific Industrial Services/Nationwide Oil Pty Ltd	99 Kyle STREET	Chemical Industry	Regulation under CLM Act not required	-32.71262159	151.5013865
RYDALMERE	Mitsubishi Electric	348 Victoria ROAD	Other Industry	Contamination currently regulated under CLM Act	-33.81040138	151.0392812
RYDALMERE	Rheem Australia	1 Alan STREET	Other Industry	Contamination formerly regulated under the CLM Act	-33.81545013	151.0295476
RYDALMERE	Caltex Service Station	309 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.81196193	151.0371185

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
RYDALMERE	BP Service Station	265 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.8109483	151.0328101
RYDALMERE	Hunter Douglas	Victoria ROAD	Chemical Industry	Regulation under CLM Act not required	-33.81009112	151.0384732
RYDALMERE	United Petroleum (former 7-Eleven) Service Station Rydalmere	262-272 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.81006724	151.032377
RYDE	Shell Coles Express Ryde	45 Lane Cove ROAD	Service Station	Regulation under CLM Act not required	-33.80726028	151.109981
RYDE	Caltex Service Station	110 Lane Cove ROAD	Service Station	Regulation under CLM Act not required	-33.80142973	151.1137925
RYDE	7-Eleven (former Mobil) Service Station	326-328 Blaxland ROAD	Service Station	Regulation under CLM Act not required	-33.80242183	151.1004278
RYDE	Ryde Bus Depot	51 - 75 Buffalo ROAD	Other Petroleum	Regulation under CLM Act not required	-33.81679771	151.1225255
SANCTUARY POINT	United Service Station, Sanctuary Point	147 Larmer AVENUE	Service Station	Regulation under CLM Act not required	-35.09918861	150.6329537
SANDGATE	North Limited Storage Handling facility	Maitland ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-32.86598453	151.7012866
SANDGATE	Caltex Service Station Sandgate	162 Maitland ROAD	Service Station	Regulation under CLM Act not required	-32.86501596	151.706161
SANS SOUCI	Former 7-Eleven Ramsgate	368 Rocky Point ROAD	Service Station	Contamination currently regulated under CLM Act	-33.98631668	151.135849
SANS SOUCI	Former Service Station	542-544 Rocky Point ROAD	Service Station	Contamination was addressed via the planning process (EP&A Act)	-33.99376148	151.1316131
SANS SOUCI	7-Eleven (Former Mobil) Service Station	474 Rocky Point ROAD	Service Station	Regulation under CLM Act not required	-33.99088939	151.1333779
SANS SOUCI	Kendall Street Reserve	Lawson Street and Kendall	Landfill	Under assessment	-33.99966431	151.13005
SCONE	Shell Coles Express Service Station	91- 93 Kelly STREET	Service Station	Contamination currently regulated under CLM Act	-32.04715941	150.8676346
SCONE	BP - Former Depot	Scone St, Guernsey St & Susan STREET	Service Station	Contamination formerly regulated under the CLM Act	-32.04599284	150.8662046
SCONE	Scone Works Depot	220 Susan STREET	Other Petroleum	Regulation under CLM Act not required	-32.04444892	150.879152
SCONE	Mobil Scone Airport Elt	8 Walter Pye AVENUE	Other Petroleum	Regulation under CLM Act not required	-32.03596733	150.8323698
SEVEN HILLS	Australian Waste Oil Refineries	27 Powers ROAD	Other Industry	Contamination currently regulated under CLM Act	-33.77536127	150.9511122
SEVEN HILLS	7-Eleven (Former Mobil) Service Station Seven Hills	151 Prospect HIGHWAY	Service Station	Regulation under CLM Act not required	-33.76894646	150.9427004
SEVEN HILLS	Australia Post	3 Powers ROAD	Unclassified	Regulation under CLM Act not required	-33.77434009	150.9395495
SEVEN HILLS	Transport Infrastructure Development Corporation	1 Powers ROAD	Other Industry	Regulation under CLM Act not required	-33.77387442	150.9379787
SEVEN HILLS	BP-branded Jasbe Petroleum Service Station	156 Prospect HIGHWAY	Service Station	Regulation under CLM Act not required	-33.76906502	150.9414821
SEVEN HILLS	Caltex Service Station	38 Abbott ROAD	Service Station	Regulation under CLM Act not required	-33.76692649	150.9548271
SEVEN HILLS	Caltex Service Station Seven Hills	105 Station ROAD	Service Station	Regulation under CLM Act not required	-33.77435881	150.9448733

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SHELLY BEACH	Former Shelly Beach Landfill	Oaks AVENUE	Landfill	Regulation under CLM Act not required	-33.36700551	151.4913631
SHORTLAND	Former Astra St landfill	1, 2 & 28 Astra STREET	Landfill	Contamination currently regulated under CLM Act	-32.86716222	151.6966948
SHORTLAND	Tuxford Park landfill	10 King STREET	Landfill	Regulation under CLM Act not required	-32.87721139	151.6936837
SHORTLAND	Former Lorna St landfill	8/475 Sandgate ROAD	Landfill	Regulation under CLM Act not required	-32.87888726	151.7023245
SHORTLAND	7-Eleven (Former BP) Service Station	298-302 Sandgate ROAD	Service Station	Regulation under CLM Act not required	-32.8861645	151.6953912
SILVERWATER	Silverwater Landfill	Carnarvon ROAD	Landfill	Regulation under CLM Act not required	-33.83506394	151.033214
SILVERWATER	Vacant property	103-105 Silverwater ROAD	Other Industry	Regulation under CLM Act not required	-33.83831374	151.0472576
SILVERWATER	Storage Facility	54-58 Derby STREET	Unclassified	Under assessment	-33.83855869	151.0478649
SILVERWATER	Former Printing Facility	46-58 Derby STREET	Unclassified	Under assessment	-33.83855869	151.0478649
SINGLETON	Singleton Gasworks	55-57 John STREET	Gasworks	Contamination currently regulated under CLM Act	-32.56774715	151.1658188
SINGLETON	Putty Saw Mill	(via Singleton) Putty ROAD	Unclassified	Contamination currently regulated under CLM Act	-32.99958725	150.7111684
SINGLETON	BP Service Station Singleton	53 George (Cnr Macquarie St) STREET	Other Petroleum	Regulation under CLM Act not required	-32.56182325	151.1748054
SINGLETON	Shell Coles Express Service Station	69-73 George STREET	Service Station	Regulation under CLM Act not required	-32.56297156	151.1755215
SINGLETON	Bulga Surface Operations	Broke ROAD	Other Industry	Regulation under CLM Act not required	-32.68325751	151.1206158
SINGLETON	Mobil Singleton Airport Elt	74B Range ROAD	Other Petroleum	Regulation under CLM Act not required	-32.60270846	151.1944828
SINGLETON	NSW Mines Rescue Services - Singleton	6 Lachlan AVENUE	Other Industry	Regulation under CLM Act not required	-32.54537821	151.156584
SMITHFIELD	Former Landfill	Little STREET	Landfill	Contamination being managed via the planning process (EP&A Act)	-33.85025253	150.9411561
SMITHFIELD	Caltex Smithfield	16-18 Tait STREET	Service Station	Regulation under CLM Act not required	-33.84596441	150.9435497
SMITHFIELD	Freestones	1 Hume ROAD	Other Petroleum	Regulation under CLM Act not required	-33.83577694	150.9310112
SMITHFIELD	Liquip International	13 Hume ROAD	Other Industry	Regulation under CLM Act not required	-33.83802635	150.9319034
SMITHFIELD	Coles Express (former Mobil) Service Station	678 The Horsley Drive, corner Smithfield ROAD	Service Station	Regulation under CLM Act not required	-33.85376154	150.9400104
SOUTH ALBURY	BP Border Service Station	Corner Ebdon Street and Wodonga PLACE	Service Station	Contamination currently regulated under CLM Act	-36.08875942	146.9093882
SOUTH BOWENFELS	Shell Coles Express Service Station	Lot 1 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.50589001	150.1238487
SOUTH COOGEE	Caltex South Coogee Service Station	169-173 Malabar ROAD	Service Station	Regulation under CLM Act not required	-33.93233184	151.2574377
SOUTH GRAFTON	Shell Coles Express Service Station	91 Bent STREET	Service Station	Regulation under CLM Act not required	-29.70605829	152.9400329

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
SOUTH GRAFTON	Former United (former Mobil) Service Station	Corner Pacific Highway and Charles STREET	Service Station	Regulation under CLM Act not required	-29.70814828	152.9412928
SOUTH GRAFTON	Former Caltex Service Station	46-58 Schwinghammer STREET	Service Station	Regulation under CLM Act not required	-29.71128273	152.9458313
SOUTH GRAFTON	Former Caltex Depot South Grafton	72-82 Swallow ROAD	Other Petroleum	Regulation under CLM Act not required	-29.73168549	152.944024
SOUTH GRAFTON	Caltex Service Station	Pacific Hwy Cnr Gwyder HIGHWAY	Service Station	Regulation under CLM Act not required	-29.70739015	152.9425508
SOUTH KEMPSEY	Caltex Service Station	52 Lachlan STREET	Service Station	Regulation under CLM Act not required	-31.09361084	152.8370796
SOUTH LISMORE	North Coast Petroleum (Former Mobil) Depot Lismore	19-21 Elliot ROAD	Other Petroleum	Regulation under CLM Act not required	-28.81212046	153.2661935
SOUTH LISMORE	Former Mobil Service Station	126 - 128 Union STREET	Service Station	Regulation under CLM Act not required	-28.81242175	153.267541
SOUTH LISMORE	Caltex Service Station	237 Union STREET	Service Station	Regulation under CLM Act not required	-28.82052708	153.2648111
SOUTH LISMORE	Former Mobil Depot	26-32 Phyllis STREET	Other Petroleum	Regulation under CLM Act not required	-28.81005206	153.2660073
SOUTH MURWILLUMBAH	Former Caltex Depot	39 Lundberg DRIVE	Service Station	Regulation under CLM Act not required	-28.332622	153.4212884
SOUTH MURWILLUMBAH	Caltex Service Station	1-7 Buchanan (Cnr Tweed Valley Way) STREET	Service Station	Regulation under CLM Act not required	-28.32687988	153.4093274
SOUTH MURWILLUMBAH	Former Mobil Depot	45 Wardrop STREET	Other Petroleum	Regulation under CLM Act not required	-28.33421395	153.3993772
SOUTH NOWRA	Caltex South Nowra	100 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.90516081	150.6029621
SOUTH PENRITH	7-Eleven Service Station	45 Aspen STREET	Service Station	Regulation under CLM Act not required	-33.77727694	150.7107228
SOUTH TAMWORTH	Caltex Service Station	2 Kathleen Street, corner Kent STREET	Service Station	Regulation under CLM Act not required	-31.10361712	150.9186343
SOUTH WENTWORTHVILLE	Aldi Stores Development	331-339 Great Western HIGHWAY	Metal Industry	Regulation under CLM Act not required	-33.81605854	150.9697429
SOUTH WENTWORTHVILLE	Caltex Service Station	313 Great Western HIGHWAY	Service Station	Regulation under CLM Act not required	-33.81643692	150.9718802
SOUTH WEST ROCKS	Former Trial Bay Caltex Depot	Phillip DRIVE	Other Petroleum	Regulation under CLM Act not required	-30.89190078	153.0573056
SOUTH WEST ROCKS	Former Shell Trial Bay Depot	Phillip DRIVE	Other Petroleum	Regulation under CLM Act not required	-30.89273836	153.0612772
SOUTH WEST ROCKS	Residential area and Reserve opposite Former Caltex terminal	Phillip DRIVE	Other Petroleum	Regulation under CLM Act not required	-30.89172594	153.0573164
SPRINGVALE	Springvale Colliery	Castlereagh HIGHWAY	Other Industry	Regulation under CLM Act not required	-33.40334736	150.1070462
ST CLAIR	7-Eleven (former Mobil) Service Station	4 Endeavour AVENUE	Service Station	Regulation under CLM Act not required	-33.79430926	150.7885793
ST IVES	Shell Service Station	179-181 Mona Vale ROAD	Service Station	Contamination currently regulated under CLM Act	-33.73124859	151.1575827
ST IVES	7-Eleven (former Mobil) St Ives Service Station	157-159 Mona Vale (Cnr Putarri Ave) ROAD	Service Station	Regulation under CLM Act not required	-33.73265301	151.1563899
ST IVES	Caltex Service Station	452 Mona Vale ROAD	Service Station	Regulation under CLM Act not required	-33.70752272	151.187545

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
ST IVES	Caltex Service Station	164 Mona Vale ROAD	Service Station	Regulation under CLM Act not required	-33.7307595	151.1570462
ST IVES	Caltex Service Station	363 Mona Vale ROAD	Service Station	Regulation under CLM Act not required	-33.7168971	151.1735263
ST MARYS	Former Woolworths Service Station	120-128 Forrester ROAD	Service Station	Regulation under CLM Act not required	-33.75525115	150.7752897
ST MARYS	7-Eleven (former Mobil) Service Station	2 Christie STREET	Service Station	Regulation under CLM Act not required	-33.74790843	150.7767667
ST MARYS	7-Eleven (former Mobil) Service Station	2 Wilson STREET	Service Station	Regulation under CLM Act not required	-33.77790415	150.771689
ST MARYS	Integral Energy Mt Druitt Transmission Substation	69 Kurrajong North ROAD	Other Industry	Regulation under CLM Act not required	-33.76376093	150.7921691
ST MARYS	Caltex St Marys Service Station	Wordoo St Cnr Forrester ROAD	Service Station	Regulation under CLM Act not required	-33.75334263	150.7755489
ST MARYS	Solveco	38 LINKS ROAD	Other Industry	Regulation being finalised	-33.738916	150.77152
ST MARYS	Chemcolour Industries Ltd	19-25 Anne STREET	Chemical Industry	Under assessment	-33.75027071	150.7725397
ST MARYS	Old Drycleaning location	1-7 Queen STREET	Other Industry	Under assessment	-33.762245	150.774365
ST PETERS	Former Tidyburn Facility	53 Barwon Park ROAD	Chemical Industry	Contamination formerly regulated under the CLM Act	-33.9130091	151.1809912
ST PETERS	Cooks River Rail Terminal	20 Canal ROAD	Unclassified	Regulation under CLM Act not required	-33.91943986	151.1726689
ST PETERS	Camdenville Park	May STREET	Other Industry	Regulation under CLM Act not required	-33.90911815	151.176951
ST PETERS	BP Express Service Station	2 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-33.90982281	151.1809936
ST PETERS	Former Industrial Manufacturing Facility (Taubman's Paints)	75 Mary STREET	Other Industry	Regulation under CLM Act not required	-33.91307297	151.1731383
STANMORE	125 Corunna Road	125 Corunna ROAD	Unclassified	Regulation under CLM Act not required	-33.88937382	151.1644589
STRATHFIELD	7-Eleven (former Mobil) Service Station	577 Liverpool ROAD	Service Station	Regulation under CLM Act not required	-33.88736091	151.0743474
STRATHFIELD SOUTH	Former Landfill Site	7-9 Dunlop STREET	Landfill	Regulation under CLM Act not required	-33.89509698	151.0796751
STROUD	Stroud Fuel Supplies (Former Caltex) Service Station	1 Cowper STREET	Service Station	Regulation under CLM Act not required	-32.39092749	151.9563089
SUFFOLK PARK	BP Service Station	207-209 Broken Head ROAD	Service Station	Regulation under CLM Act not required	-28.68800088	153.6083821
SUFFOLK PARK	Suffolk Park dip site	Cnr Broken Head Road & Beech DRIVE	Cattle Dip	Regulation under CLM Act not required	-28.6874242	153.6072824
SURRY HILLS	Woolworths Petrol Surry Hills	475 Cleveland STREET	Service Station	Regulation under CLM Act not required	-33.89203644	151.216217
SURRY HILLS	Former Legion Cabs (Trading) Cooperative	81 & 81A (Formerly 69 - 81) Foveaux STREET	Service Station	Regulation under CLM Act not required	-33.88470082	151.2107944
SURRY HILLS	Ausgrid Road Reserve	Mary STREET	Other Industry	Regulation under CLM Act not required	-33.88292195	151.2095176
SUTHERLAND	United Service Station and Sutherland Reservoir	1 to 3 Oxford STREET	Service Station	Contamination currently regulated under CLM Act	-34.029532	151.0579906

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
SUTHERLAND	7-Eleven Service Station	693 Old Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.02976735	151.0588789
SUTTON FOREST	Coles Express Sutton Forest West	Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-34.60808989	150.2250592
SWANSEA	Caltex Service Station	126 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.08811841	151.6381764
SWANSEA	Swansea 1 - Wastewater Pumping Station	137 and 137a Northcote AVENUE	Other Industry	Under assessment	-33.09745672	151.6473257
SYDENHAM	SRA Land	117 Railway PARADE	Other Industry	Regulation under CLM Act not required	-33.91560723	151.1656846
SYDENHAM	Sydenham XPT Maintenance Facility	Way STREET	Other Industry	Regulation under CLM Act not required	-33.91698468	151.1614089
SYDNEY	Interpro House (OSP 46581)	447 Kent STREET	Other Petroleum	Regulation under CLM Act not required	-33.87225413	151.204761
SYDNEY OLYMPIC PARK	Haslams Creek South Area 3	At Kronos Hill, Kevin Coombes AVENUE	Landfill	Contamination formerly regulated under the CLM Act	-33.84113059	151.0602966
SYDNEY OLYMPIC PARK	Bicentennial Park	Bicentennial DRIVE	Landfill	Ongoing maintenance required to manage residual contamination	-33.84456248	151.0788116
SYDNEY OLYMPIC PARK	Former Golf Driving Range Landfill	Sarah Durack AVENUE	Landfill	Ongoing maintenance required to manage residual contamination	-33.85358517	151.0713987
SYDNEY OLYMPIC PARK	Kronos Hill Landfill	Kevin Coombes AVENUE	Landfill	Ongoing maintenance required to manage residual contamination	-33.84014442	151.0649521
SYDNEY OLYMPIC PARK	Wilson Park (Former oil gas plant site)	Newington ROAD	Gasworks	Ongoing maintenance required to manage residual contamination	-33.82633586	151.0534322
SYDNEY OLYMPIC PARK	Woo-la-ra Landfill	Hill ROAD	Landfill	Ongoing maintenance required to manage residual contamination	-33.82695807	151.07282
SYDNEY OLYMPIC PARK	Aquatic Centre Carpark Landfill	Shane Gould AVENUE	Landfill	Ongoing maintenance required to manage residual contamination	-33.85093439	151.0656713
SYDNEY OLYMPIC PARK	Blaxland Common Landfill	Jamieson STREET	Landfill	Ongoing maintenance required to manage residual contamination	-33.82638382	151.05972
SYDNEY OLYMPIC PARK	RMS Western Precinct	14A-14E and 16 Hill ROAD	Other Petroleum	Regulation under CLM Act not required	-33.82239777	151.0758664
SYLVANIA	Caltex Service Station - Sylvania Heights	414-416 Princes HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-34.02361051	151.0895394
SYLVANIA	Caltex Service Station	61 Port Hacking ROAD	Service Station	Regulation under CLM Act not required	-34.0140089	151.104212
TALBINGO	T3 Spoil dump and adjoining river sediments	Off Snowy Mountains HIGHWAY	Landfill	Contamination formerly regulated under the CLM Act	-35.6177268	148.2926158
TALBINGO	Old Town Landfill	Bridle STREET	Landfill	Regulation under CLM Act not required	-35.59018237	148.3041771
TALBINGO	Former grit blasting site	Old Damsite ROAD	Other Industry	Regulation under CLM Act not required	-35.60894551	148.3030165
TAMINDA	Mobil Depot	9 Hinkler ROAD	Other Petroleum	Regulation under CLM Act not required	-31.09584286	150.9040493
TAMWORTH	Coles Express Tamworth	251 - 253 Goonoo Goonoo ROAD	Service Station	Contamination currently regulated under CLM Act	-31.11058167	150.9236721
TAMWORTH	Gunnedah Road Site	49 GUNNEDAH ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-31.09574904	150.9021583
TAMWORTH	Caltex Tamworth Service Station	109 Gunnedah ROAD	Service Station	Regulation under CLM Act not required	-31.09723226	150.8955299

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
TAMWORTH	Curlew Crescent	19-29 Curlew CRESCENT	Metal Industry	Regulation under CLM Act not required	-31.06963607	150.9069306
TAMWORTH	Former Service Station, Fitzpatrick Super Fund, Tamworth	210 Goonoo Goonoo ROAD	Service Station	Regulation under CLM Act not required	-31.10613594	150.9234143
TAMWORTH	Elovera Former Sheep Dip	730 Ascot Calala ROAD	Cattle Dip	Regulation under CLM Act not required	-31.1801846	150.962897
TAMWORTH	Housing NSW	29 -33 White STREET	Other Petroleum	Regulation under CLM Act not required	-31.0915651	150.9357811
TAMWORTH	Former Mobil Service Station	373-375 Armidale ROAD	Service Station	Regulation under CLM Act not required	-31.10122679	150.9441341
TAMWORTH	Kensell's Mitsubishi	11-14 Kable AVENUE	Other Petroleum	Regulation under CLM Act not required	-31.08921565	150.9273063
TAMWORTH	Caltex Star Tamworth	21 White STREET	Service Station	Regulation under CLM Act not required	-31.09255137	150.9341709
TAMWORTH	Former Service Station Tamworth	(Cnr Scott Rd) 254-256 Goonoo Goonoo ROAD	Service Station	Regulation under CLM Act not required	-31.1118945	150.9228523
TAMWORTH	BP Tamworth Service Station and Depot	27-29 Gunnedah ROAD	Service Station	Under assessment	-31.09642128	150.9058193
TARCUTTA	Mobil Service Station	(Hume Highway) 32 Sydney STREET	Service Station	Contamination formerly regulated under the CLM Act	-35.2772942	147.73574
TAREE	Caltex Taree	12 Pitt STREET	Service Station	Regulation under CLM Act not required	-31.90551738	152.4783334
TAREE	Former Caltex Depot	44 Stevenson STREET	Other Petroleum	Regulation under CLM Act not required	-31.90563595	152.4640848
TAREE	Former BP Service Station (Reliance Petroleum)	150 Manning River DRIVE	Service Station	Regulation under CLM Act not required	-31.93842026	152.4682056
TAREE	Former Shell Depot	53-55 Stevenson STREET	Other Petroleum	Regulation under CLM Act not required	-31.90514622	152.4649706
TAREE	United Service Station and Former Mobil Depot	85 Muldoon Street, corner Grey Gum ROAD	Service Station	Regulation under CLM Act not required	-31.89744109	152.4508569
TAREE	Caltex Service Station	104-106 Commerce STREET	Service Station	Regulation under CLM Act not required	-31.90720519	152.4500926
TAREE	Footpath in front of the former BP service station	53-55 Victoria STREET	Service Station	Regulation under CLM Act not required	-31.91015653	152.4659073
TAREN POINT	Former Oyster Farmer	(formerly 98 Woodlands Rd) 2R Alexander AVENUE	Other Industry	Contamination being managed via the planning process (EP&A Act)	-34.01698788	151.1247494
TAREN POINT	Former Oyster Farmer	1A Atkinson ROAD	Other Industry	Regulation under CLM Act not required	-34.02081803	151.1283282
TAREN POINT	Former manufacturing site	46-50 Bay ROAD	Other Industry	Regulation under CLM Act not required	-34.0236184	151.1231649
TAREN POINT	Mangrove Lane Cycle pathway	Mangrove LANE	Unclassified	Regulation under CLM Act not required	-34.02404025	151.1324783
TAREN POINT	Caltex Service Station	114 Taren Point ROAD	Service Station	Regulation under CLM Act not required	-34.02065958	151.1218938
TAREN POINT	Shell Coles Express Service Station	99-103 Parraweena ROAD	Service Station	Regulation under CLM Act not required	-34.02630233	151.1200897
TAREN POINT	Redevelopment Site	25 Bay ROAD	Other Industry	Under assessment	-34.021218	151.127895
TELARAH	Former Ausgrid Depot	Green STREET	Other Industry	Regulation under CLM Act not required	-32.7276446	151.5269745

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
TELARAH	ACIRL	5 Junction STREET	Other Industry	Regulation under CLM Act not required	-32.73457183	151.5400128
TEMPE	Caltex Service Station	775 Princes HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.9253681	151.1596532
TEMPE	Former Tempe Tip	South STREET	Landfill	Contamination currently regulated under CLM Act	-33.9255792	151.1668117
TEMPE	Tempe Depot	1a Gannon STREET	Other Petroleum	Regulation under CLM Act not required	-33.92408255	151.1596469
TEMPE	Railcorp Site Renwick Street	Renwick STREET	Other Industry	Regulation under CLM Act not required	-33.91997709	151.1576058
TERALBA	Teralba, Lucky's Scrap Metal	21 Racecourse ROAD	Metal Industry	Contamination currently regulated under CLM Act	-32.946805	151.61698
TERALBA	Lake Macquarie Teralba Sanitary Depot	Griffen ROAD	Landfill	Regulation under CLM Act not required	-32.9372059	151.6214528
TERANIA CREEK	Former Izzards Cattle Tick Dip	Wallace ROAD	Cattle Dip	Contamination formerly regulated under the CLM Act	-28.65425776	153.2767438
THIRLMERE	Thirlmere Rail Heritage Museum	10 Barbour ROAD	Other Industry	Regulation under CLM Act not required	-34.20689245	150.5693902
THORNLEIGH	Caltex Thornleigh Service Station	192-198 Pennant Hills (Cnr Duffy Ave) ROAD	Service Station	Regulation under CLM Act not required	-33.72660793	151.08364
THORNLEIGH	Coles Express Service Station Thornleigh	188 - 190 Pennant Hills ROAD	Service Station	Regulation under CLM Act not required	-33.72502184	151.0850569
THORNTON	Energy Australia Thornton Pole Yard	55 Weakleys DRIVE	Other Industry	Regulation under CLM Act not required	-32.79973875	151.6374998
TIGHES HILL	Former Ampol Depot	94 Elizabeth STREET	Other Petroleum	Regulation being finalised	-32.90658137	151.757239
TIGHES HILL	Holcim Australia Cement Batching Plant	340 Industrial DRIVE	Other Industry	Regulation under CLM Act not required	-32.90532418	151.7574857
TIGHES HILL	SRA Land	73 Elizabeth STREET	Unclassified	Regulation under CLM Act not required	-32.90795794	151.754631
TIGHES HILL	Former Mobil Terminal	110 Elizabeth STREET	Other Petroleum	Regulation under CLM Act not required	-32.90600406	151.7586907
TOCUMWAL	Former Mobil Depot	250 Murray STREET	Other Petroleum	Regulation under CLM Act not required	-35.79180653	145.5648214
TOCUMWAL	Former Mobil Depot	79-83 Deniliquin ROAD	Other Petroleum	Regulation under CLM Act not required	-35.80914914	145.5585528
TOMAGO	Minmet	25 School DRIVE	Metal Industry	Contamination currently regulated under POEO Act	-32.8301553	151.7300603
TOMAGO	Balcombe Sweat Furnace	26 Laverick AVENUE	Metal Industry	Regulation under CLM Act not required	-32.82557395	151.7056416
TOMERONG	Log Cabin Service Station (United Petroleum)	D1300 Princes HIGHWAY	Service Station	Under assessment	-35.01820959	150.5779687
TOONGABBIE	7-Eleven (Former Mobil) Service Station Toongabbie	3 Metella ROAD	Service Station	Regulation under CLM Act not required	-33.78692357	150.9462837
TOORMINA	Caltex Service Station	2 Minorca PLACE	Service Station	Regulation under CLM Act not required	-30.35229568	153.0906606
TORONTO	Coles XP (Former Mobil) Toronto Service Station	133 - 137 Cary (Cnr Thorne St) STREET	Service Station	Regulation under CLM Act not required	-33.01187681	151.5930879
TORONTO	BP Toronto Service Station	132 Cary (Cnr Donnelly Ave) STREET	Service Station	Regulation under CLM Act not required	-33.01144673	151.5937863

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TORONTO	Toronto Hotel	74 Victory PARADE	Unclassified	Regulation under CLM Act not required	-33.01214835	151.5958127
TORONTO	Caltex Service Station	147 Cary STREET	Service Station	Regulation under CLM Act not required	-33.01288007	151.5928388
TOUKLEY	Former Shell Toukley Autoport	211 Main ROAD	Service Station	Regulation under CLM Act not required	-33.26383791	151.5386268
TOUKLEY	Independent (Mobil) Toukley Service Station	287 Main ROAD	Service Station	Regulation under CLM Act not required	-33.26469166	151.5462414
TRANGIE	Caltex Service Station	(Mitchell Hwy) 76 Narromine STREET	Service Station	Regulation under CLM Act not required	-32.03234676	147.985164
TUGGERAH	BP Tuggerah	100 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.30578167	151.4198083
TUMBARUMBA	Former Caltex Depot	150 Albury STREET	Other Petroleum	Regulation under CLM Act not required	-35.77024081	147.9927182
TUMBI UMBI	Former Tumbi Landfill	140 Bellevue ROAD	Landfill	Regulation under CLM Act not required	-33.3993472	151.456471
TUMUT	CSR Blue Dam	Jepsen AVENUE	Other Industry	Regulation being finalised	-35.30098337	148.1958308
TUMUT	CSR Railway cutting	Jepsen AVENUE	Unclassified	Regulation being finalised	-35.30422002	148.1942579
TUMUT	Former Telstra Depot	22-26 Carey STREET	Other Industry	Regulation under CLM Act not required	-35.29873079	148.2191122
TUROSS HEAD	Tern Inn Restaurant (abandoned UPSS)	2 Trafalgar ROAD	Service Station	Regulation under CLM Act not required	-36.05871059	150.1308443
TURRAMURRA	7-Eleven (former Mobil) Service Station Turramurra	1408 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.73326389	151.1264194
TURRAMURRA	Woolworths (Former Mobil) Service Station	1233 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.73317594	151.1313195
TURRELLA	Tulloch Australia Pty Limited	61 Turrella STREET	Chemical Industry	Contamination currently regulated under CLM Act	-33.92857213	151.1475387
TWEED HEADS	Former Mobil Quix Service Station	60 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-28.20143775	153.5445381
TWEED HEADS	Francis Street Road Reserve adjacent to 79-81 Wharf Street,	79-81 Wharf STREET	Other Petroleum	Regulation under CLM Act not required	-28.17351959	153.542262
TWEED HEADS SOUTH	Former BP Depot	142 Minjungbal DRIVE	Other Petroleum	Regulation under CLM Act not required	-28.20860702	153.5455932
TWEED HEADS SOUTH	Coles Express Service Station	Corner Minjungbal Drive and Heffron STREET	Service Station	Regulation under CLM Act not required	-28.19459987	153.5419978
TWEED HEADS SOUTH	Woolworths Plus Petrol (Woolworths Caltex Tweed Heads	98-102 Pacific (100 Minjungbal Drive) HIGHWAY	Service Station	Regulation under CLM Act not required	-28.20488521	153.5448675
TWEED HEADS WEST	Caltex Service Station	96 to 98 Kennedy DRIVE	Service Station	Regulation being finalised	-28.1871486	153.5229866
ULAN	Ulan Coal Mine	4505 Ulan ROAD	Other Industry	Regulation under CLM Act not required	-32.25620603	149.7558075
ULLADULLA	Coles Express Ulladulla	153 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-35.36288274	150.47272
ULLADULLA	Woolworths Petrol Station	155-157 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-35.36316263	150.4725668
ULLADULLA	Caltex Service Station	62A Deering Street, corner Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-35.36276828	150.473578

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ULTIMO	Shell Coles Express Service Station	387-429 Wattle STREET	Service Station	Regulation under CLM Act not required	-33.88138825	151.1966791
UNANDERRA	BlueScope Stainless Steel	13 Marley PLACE	Metal Industry	Contamination currently regulated under CLM Act	-34.44959798	150.8571632
UNANDERRA	Former Prime Service Station and adjoining lands	41-49 Princes HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-34.45056105	150.8490833
UNANDERRA	Endeavour Energy Springhill Field Service Centre	195 Five Island ROAD	Other Industry	Regulation under CLM Act not required	-34.45837706	150.8598825
UNANDERRA	Unanderra Weekend Detention Centre	34-40 Lady Penryhn DRIVE	Landfill	Regulation under CLM Act not required	-34.4620226	150.8473821
UNANDERRA	Veolia Environmental Services	9 Waynote PLACE	Other Industry	Regulation under CLM Act not required	-34.46042393	150.863232
UNANDERRA	Caltex Service Station	86-98 Princes HIGHWAY	Service Station	Regulation under CLM Act not required	-34.45414951	150.845165
URALLA	Caltex Service Station	103 Bridge STREET	Service Station	Regulation under CLM Act not required	-30.64524911	151.4934484
URALLA	Phoenix Foundry	44 Duke STREET	Metal Industry	Regulation under CLM Act not required	-30.65093272	151.5004479
URANQUINTY	Former Caltex Depot Kapooka (Wagga Wagga)	6876 Olympic (Uranquinty Rd) HIGHWAY	Service Station	Regulation under CLM Act not required	-35.15319793	147.3085469
URUNGA	Former Antimony Process plant	Hillside DRIVE	Chemical Industry	Contamination currently regulated under CLM Act	-30.50422942	153.0132011
VALENTINE	BP Express Service Station	855 Macquarie DRIVE	Service Station	Regulation under CLM Act not required	-33.00801109	151.6425806
VALENTINE	Valentine Public School	Tallawalla ROAD	Unclassified	Regulation under CLM Act not required	-33.0091613	151.6423231
VILLAWOOD	Former Orica Crop Care	2 Christina ROAD	Chemical Industry	Contamination currently regulated under CLM Act	-33.880329	150.9896329
VILLAWOOD	Former Siemens/Westinghouse	49 Miowera ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-33.87641909	150.9836746
VILLAWOOD	Former Electrical Component Manufacturer	66 Christina ROAD	Other Industry	Ongoing maintenance required to manage residual contamination	-33.88018315	150.9838773
VILLAWOOD	Former Defence Site	29 Biloela STREET	Landfill	Regulation under CLM Act not required	-33.88782978	150.9886275
VILLAWOOD	PPG Industries	9 Birmingham AVENUE	Chemical Industry	Regulation under CLM Act not required	-33.87800757	150.9887929
VILLAWOOD	Nepotian (Former Toll) Site	110A Christina ROAD	Other Industry	Under assessment	-33.87919117	150.9812193
VILLAWOOD	Ettason Villawood Site	2A Birmingham AVENUE	Chemical Industry	Under assessment	-33.878798	150.982584
VINEYARD	Shell Coles Express Service Station	731 Windsor ROAD	Service Station	Regulation under CLM Act not required	-33.65780463	150.8753245
WAGGA WAGGA	Former Gasworks	54 Chaston STREET	Gasworks	Contamination currently regulated under CLM Act	-35.12262069	147.3482778
WAGGA WAGGA	Former Gasworks	Cnr Tarcutta Street and Cross STREET	Gasworks	Contamination currently regulated under CLM Act	-35.10871183	147.3737933
WAGGA WAGGA	Former Dry Cleaning Facility	183 Fitzmaurice STREET	Other Industry	Contamination currently regulated under CLM Act	-35.10209987	147.3683852
WAGGA WAGGA	Caltex Service Station	170 Fitzmaurice STREET	Service Station	Regulation under CLM Act not required	-35.10289587	147.3679002

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WAGGA WAGGA	Former BP Service Station	31 Bourke STREET	Service Station	Regulation under CLM Act not required	-35.12626628	147.3547199
WAGGA WAGGA	Caltex (former Mobil) Service Station	106 Edward STREET	Service Station	Regulation under CLM Act not required	-35.11910909	147.3682364
WAGGA WAGGA	Former Caltex Depot	60 Lake Albert DRIVE	Service Station	Regulation under CLM Act not required	-35.12316794	147.37724
WAGGA WAGGA	Former Mobil Depot Wagga Wagga	97-99 Coleman STREET	Other Petroleum	Regulation under CLM Act not required	-35.12173871	147.3576651
WAGGA WAGGA	Ashmont Autoport	Cnr Tobruk Street and Bardia STREET	Service Station	Regulation under CLM Act not required	-35.12517373	147.329919
WAGGA WAGGA	Former Caltex Service Station	343 Hammond AVENUE	Service Station	Regulation under CLM Act not required	-35.12420793	147.4157959
WAGGA WAGGA	Caltex Service Station	56 - 60 Docker St STREET	Service Station	Regulation under CLM Act not required	-35.11737947	147.3558145
WAGGA WAGGA	Former Iron Foundry	212-230 Hammond STREET	Metal Industry	Regulation under CLM Act not required	-35.12605478	147.4045461
WAGGA WAGGA	Coles Express Wagga Wagga	353-355 Edward STREET	Service Station	Regulation under CLM Act not required	-35.11606625	147.3509339
WAGGA WAGGA	BP Wagga Wagga	180 Edward STREET	Service Station	Regulation under CLM Act not required	-35.11850802	147.3639619
WAGGA WAGGA	Former Wiradjuri landfill	Narrung STREET	Landfill	Under assessment	-35.09628532	147.3619535
WAHROONGA	Coles Express Wahroonga	1601 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.71945571	151.1163002
WAHROONGA	7-Eleven Service Station	1579 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.71974617	151.1168106
WAITARA	Caltex Service Station	59-61 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.71064349	151.1024644
WALGETT	Former Shell Depot	Castlereagh HIGHWAY	Other Petroleum	Regulation under CLM Act not required	-30.00861179	148.1239938
WALLERAWANG	Wallerawang Power Station	1 Main STREET	Other Petroleum	Regulation under CLM Act not required	-33.40339296	150.0855101
WALLERAWANG	Lidsdale Coal Loading Facility	Main STREET	Other Industry	Regulation under CLM Act not required	-33.39996523	150.0737717
WALLSEND	Caltex Maryland Service Station Wallsend	41 Minmi ROAD	Service Station	Regulation under CLM Act not required	-32.88967866	151.6619253
WALLSEND	Coles Express Wallsend East	15 Thomas STREET	Service Station	Regulation under CLM Act not required	-32.90719444	151.6693426
WALLSEND	OneSteel Recycling	64-80 Sandgate ROAD	Metal Industry	Regulation under CLM Act not required	-32.89425477	151.6799648
WALLSEND	Ausgrid Wallsend Depot	Abbott STREET	Other Industry	Regulation under CLM Act not required	-32.90162796	151.6857267
WALLSEND	Cnr of Douglas Street and 111 Newcastle Road Wallsend	111 Newcastle ROAD	Metal Industry	Under assessment	-32.90414175	151.6830784
WAMBERAL	Caltex Service Station	654 The Entrance ROAD	Service Station	Regulation under CLM Act not required	-33.42338668	151.4375685
WANGI WANGI	Myuna Colliery	Wangi Point ROAD	Other Industry	Regulation under CLM Act not required	-33.06139532	151.5697186
WARATAH	Waratah Area Health	Turton ROAD	Unclassified	Regulation under CLM Act not required	-32.90961233	151.7260867

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WARATAH	Waratah former Gasworks	Turton and Georgetown ROADS	Gasworks	Under assessment	-32.9057763	151.7270033
WARILLA	Woolworths Petrol Warilla	43 -57 Shellharbour ROAD	Service Station	Regulation under CLM Act not required	-34.5470966	150.863748
WARKWORTH	Emulsion Plant, Dyno Nobel Asia Pacific Pty Ltd	186 Long Point ROAD	Chemical Industry	Regulation under CLM Act not required	-32.5781708	151.0834387
WARKWORTH	United Colliery	Jerrys Plains ROAD	Other Industry	Regulation under CLM Act not required	-32.5654356	150.9916698
WARNERS BAY	Caltex Service Station	55 King STREET	Service Station	Regulation under CLM Act not required	-32.97418806	151.6476184
WARNERS BAY	7-Eleven (former Mobil) Service Station	393 Hillsborough ROAD	Service Station	Regulation under CLM Act not required	-32.9659363	151.6543264
WARNERS BAY	Historically Filled Land	41-43 Charles STREET	Unclassified	Regulation under CLM Act not required	-32.97340461	151.6464383
WARNERVALE	Former Timber Treatment Plant	Aldenham and Railway ROADS	Other Industry	Contamination formerly regulated under the CLM Act	-33.24732018	151.4469037
WARRAGAMBA	Warragamba Dam Viewing Platform	Eighteenth STREET	Unclassified	Regulation under CLM Act not required	-33.88546354	150.6024501
WARRAGAMBA	Megarrity's Creek Site	Weir ROAD	Unclassified	Regulation under CLM Act not required	-33.891011	150.593479
WARRAWONG	Caltex Service Station	75-77 King STREET	Service Station	Regulation under CLM Act not required	-34.49037817	150.888802
WARREN	Former Mobil Warren Depot	16 Dubbo STREET	Other Petroleum	Contamination currently regulated under CLM Act	-31.6943058	147.8314606
WARREN	Former Shell Depot	8 Dubbo STREET	Other Petroleum	Regulation under CLM Act not required	-31.69379262	147.8308088
WARREN	Caltex Warren Service Station	1 Coonamble ROAD	Service Station	Regulation under CLM Act not required	-31.69508383	147.8405578
WARWICK FARM	Warwick Farm Public School	95 Lawrence Hargrave ROAD	Landfill	Under assessment	-33.91050532	150.9302197
WATERLOO	Lawrence Dry Cleaners	887-893 Bourke STREET	Unclassified	Contamination currently regulated under CLM Act	-33.89897433	151.2101436
WATERLOO	Proposed Construction Site	2 John STREET	Other Industry	Regulation under CLM Act not required	-33.89989686	151.2010324
WATERLOO	Waverley Woollahra Process Plant	355 Botany ROAD	Other Industry	Regulation under CLM Act not required	-33.9063092	151.2042672
WATERLOO	Shell Coles Express Service Station	867-877 South Dowling STREET	Service Station	Regulation under CLM Act not required	-33.90179774	151.2143789
WATERLOO	Iconic (Former Chubb Factory) Waterloo	830-838 Elizabeth STREET	Other Industry	Regulation under CLM Act not required	-33.90227718	151.2060305
WATERLOO	Diversity Waterloo	1-13 Archibald AVENUE	Other Industry	Under assessment	-33.90204305	151.2097328
WATERLOO	22-24 Archibald Avenue	22-24 Archibald AVENUE	Other Petroleum	Under assessment	-33.90263766	151.2132105
WAUCHOPE	Expressway Spares UST	3 Sancrox ROAD	Other Petroleum	Regulation under CLM Act not required	-31.44421922	152.8218723
WAUCHOPE	Former Shell Depot	56-64 High STREET	Other Petroleum	Regulation under CLM Act not required	-31.45804845	152.7314151
WAUCHOPE	Wauchope Service Station	57 High STREET	Service Station	Regulation under CLM Act not required	-31.45737022	152.7305018

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WAUCHOPE	Former Timber Treatment Site	Blackbutt DRIVE	Other Industry	Regulation under CLM Act not required	-31.46575645	152.7228555
WAUCHOPE	Shell Coles Express Service Station	64 High STREET	Service Station	Regulation under CLM Act not required	-31.45764495	152.7315975
WAUCHOPE	Wauchope Public Primary School	2 Waugh STREET	Landfill	Regulation under CLM Act not required	-31.4556387	152.7295455
WAVERTON	SRA Land	95 Bay ROAD	Unclassified	Contamination formerly regulated under the CLM Act	-33.83716728	151.1969497
WAVERTON	Berry's Bay Woodley's Marina	1 Balls Head DRIVE	Other Industry	Contamination formerly regulated under the POEO Act	-33.84441851	151.1947433
WAVERTON	Oyster Cove AGL	2 King STREET	Gasworks	Ongoing maintenance required to manage residual contamination	-33.83637995	151.193541
WELLINGTON	Former Caltex Service Station	124-128 Lee STREET	Service Station	Regulation under CLM Act not required	-32.55082729	148.9411537
WELLINGTON	BP Wellington Service Station	35A Maxwell STREET	Service Station	Under assessment	-32.55835121	148.9447284
WELLINGTON	Woolworths Petrol Wellington	79 Lee STREET	Service Station	Under assessment	-32.54874227	148.9408531
WENTWORTH	Caltex - Wentworth	110 Adams STREET	Service Station	Regulation under CLM Act not required	-34.1024927	141.9160539
WENTWORTH FALLS	Bodington Hospital	Bodington DRIVE	Unclassified	Contamination formerly regulated under the CLM Act	-33.73201608	150.3874102
WENTWORTH POINT	RMS Eastern Precinct	3-7 Burroway ROAD	Other Petroleum	Regulation under CLM Act not required	-33.8233882	151.0815668
WENTWORTH POINT	Former TNT Express	23 Bennelong PARKWAY	Other Petroleum	Regulation under CLM Act not required	-33.83115118	151.0726636
WENTWORTHVILLE	Former Workshop	2 Rawson Rd and 8 Barfil CRESCENT	Unclassified	Regulation under CLM Act not required	-33.81568808	150.9671853
WERRINGTON	Caltex Service Station	Cnr Dunheved Rd and Henry Lawson DRIVE	Service Station	Regulation under CLM Act not required	-33.74577725	150.7409877
WERRINGTON	Claremont Meadows Former landfill	Gipps STREET	Landfill	Regulation under CLM Act not required	-33.77341076	150.7557628
WERRINGTON COUNTY	7-Eleven Werrington	Lot 122 Dunheved ROAD	Service Station	Regulation under CLM Act not required	-33.74699408	150.7428609
WEST BALLINA	Caltex Big Prawn Service Station	Pacific HIGHWAY	Service Station	Contamination formerly regulated under the CLM Act	-28.86374913	153.5321482
WEST GOSFORD	Caltex Service Station	283 Manns ROAD	Service Station	Regulation under CLM Act not required	-33.41659727	151.325219
WEST GOSFORD	Caltex Service Station	69-71 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.42729985	151.3214621
WEST GOSFORD	Caltex Service Station	30a Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.42778813	151.3190581
WEST NOWRA	Endeavour Energy Nowra Field Service Centre	20 Depot ROAD	Other Industry	Regulation under CLM Act not required	-34.88993085	150.5878854
WEST PENNANT HILLS	7-Eleven (former Mobil) Service Station	552 Pennant Hills ROAD	Service Station	Regulation under CLM Act not required	-33.74686545	151.0508067
WEST RYDE	7-Eleven (former Mobil) Service Station	917 Victoria ROAD	Service Station	Regulation under CLM Act not required	-33.80921103	151.0932917
WEST RYDE	Pfizer Australia Pty Ltd	38-42 Wharf ROAD	Chemical Industry	Regulation under CLM Act not required	-33.81021085	151.0693631

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WEST RYDE	Reckitt Benckiser	44 Wharf ROAD	Chemical Industry	Regulation under CLM Act not required	-33.81172205	151.0692752
WEST RYDE	JHM Property Development	2A Mellor STREET	Other Industry	Regulation under CLM Act not required	-33.81207534	151.094598
WEST TAMWORTH	Woolworths Petrol	119 Bridge STREET	Service Station	Regulation under CLM Act not required	-31.09358262	150.9167693
WEST WOLLONGONG	Woolworths Service Station	425 Crown STREET	Service Station	Contamination currently regulated under CLM Act	-34.42637378	150.8799288
WEST WYALONG	Lowe's Petroleum (Former BP) Depot West Wyalong	Compton (formerly known as Town Bypass/Railway Road) ROAD	Other Petroleum	Regulation under CLM Act not required	-33.93440247	147.2154596
WEST WYALONG	Caltex Depot	(Wyalong By-pass Rd) Lot 1-3 Showground ROAD	Service Station	Regulation under CLM Act not required	-33.92556	147.1981659
WEST WYALONG	Former Mobil Depot	104 Compton ROAD	Other Petroleum	Regulation under CLM Act not required	-33.93449194	147.2147948
WESTON	Illegal Dumping Site	Corner Kline Street & First STREET	Unclassified	Regulation under CLM Act not required	-32.81367986	151.4551507
WETHERILL PARK	Former Fuel Storage Depot	200-212 Cowpasture ROAD	Other Petroleum	Regulation under CLM Act not required	-33.84568871	150.8764012
WETHERILL PARK	Sims Wetherill Park	35-37 Frank STREET	Metal Industry	Regulation under CLM Act not required	-33.84056122	150.9086265
WETHERILL PARK	Shell Coles Express Service Station	565 Polding STREET	Service Station	Regulation under CLM Act not required	-33.8569731	150.8992804
WETHERILL PARK	Cleanaway (Formerly Nationwide Oil) Wetherill Park	6 Davis ROAD	Other Industry	Regulation under CLM Act not required	-33.83770038	150.9045197
WETHERILL PARK	BOC Sydney Operations Centre	428-440 Victoria STREET	Other Industry	Regulation under CLM Act not required	-33.84400237	150.8967556
WETHERILL PARK	Camide Former Landfill	Newton ROAD	Landfill	Regulation under CLM Act not required	-33.83898879	150.8963813
WICKHAM	Caltex Terminal	156 Hannell STREET	Other Petroleum	Contamination currently regulated under CLM Act	-32.91520778	151.7563638
WICKHAM	Former Warehouse	10 Dangar STREET	Unclassified	Regulation under CLM Act not required	-32.92383206	151.759761
WICKHAM	Former Factory	57 Annie STREET	Other Industry	Regulation under CLM Act not required	-32.91524827	151.7539893
WICKHAM	Railcorp Wickham	50 Railway STREET	Other Industry	Regulation under CLM Act not required	-32.9210433	151.7544687
WICKHAM	Fuchs Lubricants (Australasia) Pty Ltd Wickham	2 Holland STREET	Other Industry	Regulation under CLM Act not required	-32.9214709	151.7556928
WICKHAM	Former Wool Store Building	33 Annie STREET	Other Petroleum	Under assessment	-32.91585059	151.755215
WILBERFORCE	Former Drum Reconditioners	12-14 Box AVENUE	Other Industry	Contamination formerly regulated under the CLM Act	-33.5453884	150.8587934
WILBERFORCE	Former Solvent Recycling Site	13 Box AVENUE	Chemical Industry	Regulation under CLM Act not required	-33.54557427	150.8577006
WILEY PARK	Sydney Water Property	1B Hillcrest STREET	Other Industry	Regulation under CLM Act not required	-33.92391634	151.0676256
WILLIAMTOWN	Hunter Land Effluent Pond	38 Cabbage Tree ROAD	Other Industry	Regulation under CLM Act not required	-32.80750069	151.8310107
WILLOUGHBY	Shell Coles Express Service Station	616-626 Willoughby ROAD	Service Station	Regulation under CLM Act not required	-33.80593769	151.1988559

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
WILLOUGHBY	Caltex Service Station	157 Penhur STREET	Service Station	Regulation under CLM Act not required	-33.79793513	151.1981926
WILLOUGHBY	BP Express Tower	498 Willoughby STREET	Service Station	Under assessment	-33.81022918	151.199315
WILLOUGHBY EAST	Willoughby Bus Depot	Corner Ann Street and Stan STREET	Other Industry	Regulation under CLM Act not required	-33.7982569	151.2038993
WILTON	Condell Park Homestead	(Part Lot 17 DP 270536) Condell Park ROAD	Unclassified	Regulation under CLM Act not required	-34.21910141	150.6837962
WINDANG	Caltex Service Station	244-248 Windang ROAD	Service Station	Regulation under CLM Act not required	-34.5274434	150.8691161
WINDSOR	Former Caltex Service Station	46-52 Macquarie STREET	Service Station	Regulation under CLM Act not required	-33.60783315	150.8213428
WINDSOR	Former Caltex Windsor Depot and Service Station	48-50 Mileham STREET	Service Station	Regulation under CLM Act not required	-33.61538627	150.8157517
WINDSOR	Woolworths (former Caltex) Service Station	Cnr Macquarie Street & Baker STREET	Service Station	Regulation under CLM Act not required	-33.60569346	150.8232803
WINGHAM	Former Caltex Service Station	1036-1038 Wingham ROAD	Service Station	Regulation under CLM Act not required	-31.86236594	152.3805752
WINGHAM	Bogas Service Station	Cnr Primrose Street and Isabella STREET	Service Station	Regulation under CLM Act not required	-31.86833656	152.3716346
WINMALEE	Prime (Caltex supplied) (former Mobil) Winmalee Service Station	281 Hawkesbury ROAD	Service Station	Regulation under CLM Act not required	-33.68223276	150.5997203
WIRLINGA	Former Liquid Waste Disposal Facility	704 Riverina ROAD	Unclassified	Regulation under CLM Act not required	-36.07103958	147.0193522
WOLLI CREEK	Former Ausgrid Substation 10061	13 Gertrude STREET	Other Industry	Regulation under CLM Act not required	-33.93364031	151.1543818
WOLLONGONG	Greenhouse Park	Springhill ROAD	Landfill	Contamination currently regulated under CLM Act	-34.44119949	150.8931764
WOLLONGONG	Redevelopment site	33 - 39 Beatson STREET	Other Petroleum	Regulation under CLM Act not required	-34.43196083	150.8976661
WOLLONGONG	Caltex Service Station	9 Flinders STREET	Service Station	Regulation under CLM Act not required	-34.41505616	150.8932515
WOLLONGONG	Former Wollongong Gasworks	120 and 122 Smith STREET	Gasworks	Regulation under CLM Act not required	-34.42030173	150.8906745
WOLLONGONG	Wollongong Harbour Central Spur	Off Endeavour DRIVE	Other Petroleum	Regulation under CLM Act not required	-34.42066879	150.906821
WOODBURN	Caltex Service Station	129 River STREET	Service Station	Regulation under CLM Act not required	-29.07206887	153.3409769
WOODBURN	Crown Reserve 88037 Woodburn	Pacific HIGHWAY	Landfill	Regulation under CLM Act not required	-29.06580577	153.3541886
WOOLGOOLGA	Caltex Woolgoolga Service Station	16 Bosworth ROAD	Service Station	Regulation under CLM Act not required	-30.12569561	153.1946006
WOOLGOOLGA	United Petroleum Service Station	56 Clarence STREET	Service Station	Regulation under CLM Act not required	-30.11045544	153.1904609
WOOLLAHRA	Caltex Woollahra Service Station	116 Old South Head ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.88959697	151.2553736
WOOLLAHRA	Former Service Station	20 Wallis STREET	Service Station	Regulation under CLM Act not required	-33.8901965	151.2372752
WOOLLAHRA	Proposed Jewish Care Centre	7 -21 Saber STREET	Unclassified	Regulation under CLM Act not required	-33.8904055	151.2480062

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
WOOLLOOMOOLOO	Former BP Service Station	2 Dowley STREET	Service Station	Contamination being managed via the planning process (EP&A Act)	-33.86940191	151.2218741
WOLOMIN	Woolomin Gold Rush Store	65 Nundle	Other Petroleum	Contamination currently regulated under CLM Act	-31.30415134	151.149729
WOOLOOWARE	Caltex Service Station	100 Woollooware ROAD	Service Station	Regulation under CLM Act not required	-34.05274635	151.1408413
WOOLOOWARE	Oyster Farm	Captain Cook DRIVE	Other Industry	Under assessment	-34.03807914	151.1476055
WOONGARRAH	Former Warnervale Landfill	236-264 Hakone ROAD	Landfill	Regulation under CLM Act not required	-33.2376313	151.464362
WOOTTON	Former Chemical Spill Site	11859 Pacific HIGHWAY	Chemical Industry	Regulation under CLM Act not required	-32.28168548	152.3117819
WOY WOY	Bogas Service Station	66 Memorial AVENUE	Service Station	Contamination currently regulated under CLM Act	-33.5069738	151.3315579
WOY WOY	Mobil Former Woy Woy Service Station and adjacent land	177-181 Blackwall ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.49254403	151.3270829
WOY WOY	Barry Robertson Holden	231 Blackwall ROAD	Service Station	Regulation under CLM Act not required	-33.49621068	151.3285128
WYALONG	Caltex Service Station	50 Neeld (Newell Highway) STREET	Service Station	Regulation under CLM Act not required	-33.92665025	147.2446546
WYOMING	Caltex Service Station Wyoming	465 Pacific HIGHWAY	Service Station	Regulation under CLM Act not required	-33.40945391	151.3499812
WYONG	Wyong Bayer/Kemcon	16 Lucca ROAD	Chemical Industry	Contamination formerly regulated under the CLM Act	-33.26192339	151.4429446
WYONG	Caltex Service Station	M1 Pacific (Northbound) MOTORWAY	Service Station	Regulation under CLM Act not required	-33.25641477	151.4024821
WYONG	Caltex Service Station	M1 Pacific (Southbound) MOTORWAY	Service Station	Regulation under CLM Act not required	-33.25330747	151.4053862
WYONG	IXOM Facility	8 Pavitt CRESCENT	Other Industry	Under assessment	-33.26379108	151.4485113
YAGOONA	Galserv Galvanising Services	117-153 Rookwood ROAD	Metal Industry	Contamination currently regulated under CLM Act	-33.89493085	151.0388013
YAGOONA	BP Service Station Potts Hill (Yagoona)	155 Rookwood ROAD	Service Station	Regulation under CLM Act not required	-33.89330525	151.0390969
YAGOONA	7-Eleven (former Mobil) Service Station	519 Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-33.90760623	151.0207783
YAGOONA	Shell Coles Express Service Station	112 Rookwood ROAD	Service Station	Regulation under CLM Act not required	-33.89856213	151.0370458
YAGOONA	Sydney Water Corporation Potts Hill Complex	91 Brunner ROAD	Other Industry	Regulation under CLM Act not required	-33.89887589	151.0289165
YALLAH	Tallowarra Power Station site	Princes HIGHWAY	Unclassified	Contamination formerly regulated under the CLM Act	-34.52412143	150.8062159
YAMBA	Caltex Service Station	22 Treelands DRIVE	Service Station	Regulation under CLM Act not required	-29.42701701	153.3279204
YANCO	Former Service Station	14 Main AVENUE	Service Station	Contamination formerly regulated under the CLM Act	-34.60356494	146.4105016
YASS	Former Mobil Depot Yass	54-58 Laidlaw STREET	Service Station	Contamination currently regulated under CLM Act	-34.83252976	148.9068888
YASS	Former Gasworks	Dutton STREET	Gasworks	Contamination currently regulated under CLM Act	-34.83982614	148.9060029

Suburb	Site Name	Site Address	Contamination Activity Type	EPA Management Class	Latitude	Longitude
YASS	Caltex Service Station	228 Comur STREET	Service Station	Regulation under CLM Act not required	-34.84440036	148.9140179
YASS	Caltex Service Station	1715 Yass Valley WAY	Service Station	Regulation under CLM Act not required	-34.80708856	148.8824228
YASS	Transgrid Depot Yass	Perry STREET	Unclassified	Under assessment	-34.86238341	148.9052809
YENNORA	Former Metal Plant	44 Larra STREET	Metal Industry	Contamination formerly regulated under the CLM Act	-33.86340576	150.9764349
YENNORA	TetraPak Site	6 Foray STREET	Other Industry	Contamination formerly regulated under the CLM Act	-33.8557183	150.9561605
YENNORA	Former Alcoa Australia Rolled Products Facility - Area 3	1 Kiora CRESCENT	Metal Industry	Regulation under CLM Act not required	-33.86568158	150.9649297
YENNORA	Spicer Axle Australia Manufacturing Facility	205-231 Fairfield ROAD	Other Industry	Regulation under CLM Act not required	-33.85655114	150.9579167
YENNORA	Former Caltex Service Station	137-141 Fairfield STREET	Service Station	Regulation under CLM Act not required	-33.86824768	150.9706137
YENNORA	19 Pine Road, Yennora	Pine ROAD	Metal Industry	Under assessment	-33.86713232	150.9621172
YETHOLME	Yetholme CCA Timber Treatment Plant	351 Eusdale ROAD	Other Industry	Contamination formerly regulated under the CLM Act	-33.45386256	149.8537787
YOUNG	Former battery recycler	45 Nasmyth STREET	Metal Industry	Contamination currently regulated under CLM Act	-34.31201571	148.306772
YOUNG	Mobil Depot	186 Nasmyth STREET	Other Petroleum	Contamination currently regulated under CLM Act	-34.30954389	148.2908476
YOUNG	Adjacent to former battery recycler	47 Nasmyth STREET	Metal Industry	Contamination formerly regulated under the CLM Act	-34.31176273	148.3064765
YOUNG	Former Mobil Depot and Service Station Young	149 Lovell STREET	Service Station	Regulation under CLM Act not required	-34.31024587	148.290424
YOUNG	Former Shell Depot	166 Nasmyth STREET	Other Petroleum	Regulation under CLM Act not required	-34.31025192	148.2931008
YOUNG	Former Caltex Depot	95 Lovell STREET	Service Station	Regulation under CLM Act not required	-34.31127119	148.2955092
ZETLAND	Energy Australia/ Ausgrid Zetland Depot	122 - 138 Joynton AVENUE	Other Industry	Regulation under CLM Act not required	-33.90883116	151.2101184
ZETLAND	Former Goodrich Control Systems, Zetland	84 - 92 Epsom ROAD	Other Industry	Under assessment	-33.91025707	151.2078048

Contaminated Sites Notified to EPA

[Home](#) [Contaminated land](#) [Record of notices](#)

Search results

Your search for:LGA: Bega Valley Shire Council

did not find any records in our database.

If a site does not appear on the record it may still be affected by contamination. For example:

- Contamination may be present but the site has not been regulated by the EPA under the Contaminated Land Management Act 1997 or the Environmentally Hazardous Chemicals Act 1985.
- The EPA may be regulating contamination at the site through a licence or notice under the Protection of the Environment Operations Act 1997 (POEO Act).
- Contamination at the site may be being managed under the [planning process](#).

More information about particular sites may be available from:

- The [POEO public register](#)
- The appropriate planning authority: for example, on a planning certificate issued by the local council under [section 149 of the Environmental Planning and Assessment Act](#).

See [What's in the record and What's not in the record](#).

If you want to know whether a specific site has been the subject of notices issued by the EPA under the CLM Act, we suggest that you search by Local Government Area only and carefully review the sites that are listed.

This public record provides information about sites regulated by the EPA under the Contaminated Land Management Act 1997, including sites currently and previously regulated under the Environmentally Hazardous Chemicals Act 1985. Your inquiry using the above search criteria has not matched any record of current or former regulation. You should consider searching again using different criteria. The fact that a site does not appear on the record does not necessarily mean that it is not affected by contamination. The site may have been notified to the EPA but not yet assessed, or contamination may be present but the site is not yet being regulated by the EPA. Further information about particular sites may be available from the appropriate planning authority, for example, on a planning certificate issued by the local council under section 149 of the Environmental Planning and Assessment Act. In addition the EPA may be regulating contamination at the site through a licence under the Protection of the Environment Operations Act 1997. You may wish to search the [POEO public register](#)


For


20 July 2018

business and industry 

For local government 

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Search TIP

To search for a specific site, search by LGA (local government area) and carefully review all sites listed.

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Australian Heritage Database

Search Results

92 results found.

Acacia Constablei Site, East Boyd State Forest	Eden, NSW, Australia (Registered) Register of the National Estate (Non-statutory archive)
Barn at Penders Haighs Rd	Tanja, NSW, Australia (Registered) Register of the National Estate (Non-statutory archive)
Bega Boer War Memorial Upper St	Bega, NSW, Australia (Indicative Place) Register of the National Estate (Non-statutory archive)
Bega Courthouse Carp St	Bega, NSW, Australia (Registered) Register of the National Estate (Non-statutory archive)
Bega General Cemetery Princes Hwy	Bega, NSW, Australia (Indicative Place) Register of the National Estate (Non-statutory archive)
Bega Primary School Group 25-33 Auckland St	Bega, NSW, Australia (Registered) Register of the National Estate (Non-statutory archive)
Bega Race Course East St	Bega, NSW, Australia (Indicative Place) Register of the National Estate (Non-statutory archive)
Bell Bird Creek Nature Reserve Princes Hwy	Eden, NSW, Australia (Registered) Register of the National Estate (Non-statutory archive)
Ben Boyd National Park Princes Hwy	Eden, NSW, Australia (Registered) Register of the National Estate (Non-statutory archive)

Bermagabee Nature Reserve Head of Cuttagee Rd	Bermagui, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Bittangabee Ruins Bittangabee Bay	Eden, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Bournda National Park	Tathra, NSW, Australia	(Interim List) Register of the National Estate (Non-statutory archive)
Bournda National Park and Bournda Nature Reserve Sapphire Coast Dr	Tura Beach, NSW, Australia	(Nomination now ineligible for PPAL) National Heritage List
Bournda Nature Reserve Kalaru Merimbula Rd	Wolumla, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Box Range Shrub Community Sites	Pambula, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Boyds Tower Fish Fossils	Eden, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Boydton Group 87 Boydton Park Rd	Boydton, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Bridge House Group Princes Hwy	Brogo, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Brogo Wilderness	Bemboka, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Bundian Way Area Monaro Hwy	Bombala, NSW, Australia	(Nomination now ineligible for PPAL) National Heritage List

Cathcart Forest Area Mt Darragh Rd	Rocky Hall, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Church Ruins 87 Boydton Park Rd	Boydton, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Cobargo Soldiers Memorial Moruya St	Cobargo, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Coolangubra Forest Area Inlay Rd	Bombala, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Coolangubra Forest Area Extensions	Bombala, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Courthouse / Police Station and Cell Block (former) 26-30 Toalla St	Pambula, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Courunga House, Grounds and Trees Monaro St	Tura Beach, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Deua - Tuross - Brogo National Park Proposal	Araluen, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Devils Creek Catchment Area	Candelo, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Dr George Mountain	Bega, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)

East Boyd Bay Area Edrom Rd	East Boyd via Eden, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Eastern Monaro - Bega Valley Escarpment Trails	Bemboka, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Eden Courthouse 233 Imlay St	Eden, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Eden Geological Site Bramble St	Eden, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Edrom Lodge Edrom Road	Eden, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Egan Peaks Nature Reserve Fire Rd	Towamba, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Family Hotel Auckland St	Bega, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Green Cape Lighthouse and Residences Group	Eden, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
House 21 Auckland St	Bega, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Indigenous Place	Bermagui, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)

Indigenous Place	Bermagui, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Indigenous Place	Pambula, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Indigenous Place	Tathra, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Jellat Jellat Tathra Rd	Bega, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Kameruka Estate Bega Rd	Candelo, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Kianinny Bay Acacia Georgensis Site	Tathra, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Letts Mountain, Mount Poole and Waalimma Range Area Nungatta Rd	Cathcart, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Mimosa Rocks National Park (1980 boundary) Aragunnu Beach Rd	Bega, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Montreal Goldfield Wallaga Lake Rd	Bermagui, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Mount Imlay National Park Mt Imlay Rd	Eden, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)

Mount Poole Area, Yambulla State Forest	Eden, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Mumbulla Coast	Bermagui, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Mumbulla Mountain (Biamanga) Fieldbuckers Forrest Rd	Quaama, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Murrunna Point Coastal Area	Bermagui, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Nadgee Nature Reserve Faunal Reserve Rd	Eden, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Nadgee Nature Reserve Greenslades Rd	Wonboyn Lake, NSW, Australia	(Nomination now ineligible for PPAL) National Heritage List
Nadgee Wilderness Area	Wonboyn Lake, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Nalbaugh National Park Mines Rd	Bombala, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Narrabarba Hill Area, Nadgee State Forest	Eden, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Nethercote Waterfall and Associated Rhyolite Outcrops	Pambula, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)

Nullica State Forest Pseudanthus Site	Nethercote, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Nungatta National Park Cann River Rd	Bombala, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Old Candelo Cemetery Candelo Kameruka Rd	Candelo, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Old Hut Creek Phebalium Site 2 Back Creek Fire Rd	Nethercote, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
PS Mimosa Shipwreck	Tanja, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Panbula Goldfield	Pambula, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Pomaderris sp nov Site, Yambulla State Forest	Eden, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Post Office (former) 155-157 Im lay St	Eden, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Robert Kidman Grave Tantawangalo La	Candelo, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Rosevear Jewellers Shopfront 165 Carp St	Bega, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)

School and Residence (former) 85-87 Main St	Merimbula, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Sea Horse Inn 87 Boydton Park Rd	Boydton, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Shrub Community Sites, Nullica State Forest Back Creek Trl	Pambula, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Soldiers Memorial Gates Carp St	Bega, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
South East Forests National Park and Egan Peaks Nature Reserve Mt Darragh Rd	Wyndham, NSW, Australia	(Nomination now ineligible for PPAL) National Heritage List
St John the Evangelist Anglican Church Hall Church St	Bega, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
St Pauls Anglican Church Bermagui Rd	Tanja, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Swamp Road Area, Nadgee State Forest	Eden, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Tantawangalo Creek Catchment Tantawangalo Mountain Road	Bemboka, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Tantawangalo Koala Nature Reserve Tantawangalo Mountain Rd	Tantawangalo, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)

Tarraganda Bridge Tarraganda La	Bega, NSW, Australia	(Destroyed) Register of the National Estate (Non-statutory archive)
Tathra Wharf and Reserve Wharf Rd	Tathra, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
The Black-Allan Line Border Cairns	Delegate, VIC, Australia	(Nomination now ineligible for PPAL) National Heritage List
Wadbilliga National Park Bourkes Rd	Bemboka, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Wallaga Lake National Park Princes Hwy	Bermagui, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Wog Wog Invertebrate Habitat Study Area	Bombala, NSW, Australia	(Interim List) Register of the National Estate (Non-statutory archive)
Woolingubrah Inn	Cathcart, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Wyndham General Cemetery Glencairn Rd	Wyndham, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)
Yowaka Forest Area / Egan Peaks Extension Area Burragate Fire Rd	Eden, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Yowaka Reserve Proposal Nethercote Rd	Pambula, NSW, Australia	(Indicative Place) Register of the National Estate (Non-statutory archive)

Zieria Sp Box Range North Site	Pambula, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)
Zieria Sp Nov Site (Lochiel)	Pambula, NSW, Australia	(Registered) Register of the National Estate (Non-statutory archive)

Report Produced: Fri Jul 20 13:43:42 2018



State Heritage Database



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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 the Heritage Division.
- **Section 2** - contains heritage items listed by the **Heritage Council of NSW** under the NSW Heritage Act. This includes listing on the State Heritage Register, an Interim Heritage Order or protected under section 136 of the NSW Heritage Act. This information is provided by the Heritage Division.
- **Section 3** - contains items listed by **local councils** on Local Environmental Plans under the Environmental Planning and Assessment Act, 1979 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 returned 3 records.

Aboriginal place name	Local government area	Local Aboriginal Land Council	Latitude	Longitude	Gazettal date and page numbers	Comments
Bermagui Waterhole	Bega Valley	Merrimans	-36.4263631089	150.065325266	12/14/2007 p. 9647	
Biamanga	Bega Valley	Merrimans	-36.5370493905	149.896133343	06/01/1984 p. 2824	Located predominantly within Biamanga National Park
Merriman Island	Bega Valley	Merrimans	-36.3665533745	150.063405448	11/25/1977 p. 5201	

Section 2. Items listed under the NSW Heritage Act.

Your search returned 12 records.

Item name	Address	Suburb	LGA	SHR
Baronda	Nelson Lake Road Nelson Lagoon	Mimosa Rocks National Park, Tanja	Bega Valley	01915
Bundian Way	Mount Kosciuszko to Eden	Kosciuszko	Tumbarumba	01906
CBC Bank (former)	21 Auckland Street	Bega	Bega Valley	00588
Courunga	Monaro Street	Merimbula	Bega Valley	00235
Davidson Whaling Station	35km South Of	Eden	Bega Valley	00984
Green Cape Maritime Precinct	Green Cape Road	Green Cape	Bega Valley	01897
Ness Property	Reserve Road	Wapengo	Bega Valley	00519

New Buildings Bridge over Towamba River	Wyndham (south west)	Wyndham	Bega Valley	01477
Oaklands	Princes Highway	Pambula	Bega Valley	01686
Penders	Haighs Road (within Mimosa Rocks National Park)	Tanja	Bega Valley	01913
Tathra Wharf and building	Wharf Road	Tathra	Bega Valley	00405
Yowaka Bridge near Eden	State Highway 1	Eden	Bega Valley	01486

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

Your search returned 478 records.

Item name	Address	Suburb	LGA	Information source
All Saints Anglican Church	11 Wallaga Street	Bermagui	Bega Valley	LGOV
Allsops Creek Weir		Bega	Bega Valley	SGOV
Alsops Creek Bridge	Princes Highway	near Brogo	Bega Valley	SGOV
Ambulance Station	1-3 Canning Street	Bega	Bega Valley	LGOV
Anchor	221 Imlay Street	Eden	Bega Valley	LGOV
Anchor	Imlay Street	Eden District	Bega Valley	LGOV
Art Deco Shops	26-32 Church Street	Bega	Bega Valley	LGOV
Ayrdale Dairy Village	297 Wanatta Lane	Frogs Hollow	Bega Valley	LGOV
Baddeley's Cottage	26 Monaro Street	Pambula	Bega Valley	LGOV
Bank Hotel	42 Church Street	Bega	Bega Valley	LGOV
Bank of NSW (former)	213 Imlay Street	Eden	Bega Valley	LGOV
Barton's, The	28 William Street	Candelo	Bega Valley	LGOV
Bega Band Room	23 Canning Street	Bega	Bega Valley	LGOV
Bega Cemetery	Princes Highway	Bega	Bega Valley	LGOV
Bega Commercial Conservation Area	Carp Street	Bega	Bega Valley	LGOV
Bega Courthouse	Carp Street and Gipps Street	Bega	Bega Valley	SGOV
Bega Courthouse	Corner of Carp and Gipps	Bega	Bega	LGOV

	Streets		Valley	
<u>Bega Fire Station</u>	Gipps Street	Bega	Bega Valley	SGOV
<u>Bega Public School</u>	21 Auckland Street	Bega	Bega Valley	LGOV
<u>Bega Showground Pavilion and other buildings</u>	Upper Street	Bega	Bega Valley	LGOV
<u>Bega Street Conservation area</u>	Bega Street	Bega	Bega Valley	LGOV
<u>Bega Uniting Church</u>	125 Gipps Street	Bega	Bega Valley	LGOV
<u>Bellbird Creek Bridge</u>	Princes Highway	4.63 km north of Eden	Bega Valley	SGOV
<u>Bemboka Butter Factory (former)</u>	2712 Snowy Mountains Highway	Bemboka	Bega Valley	LGOV
<u>Bemboka Police Station and Official Residence</u>	35-39 Loftus Street	Bemboka	Bega Valley	SGOV
<u>Bemboka Post Office</u>	68 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Bemboka Primary School - classrooms/ administration building and residence</u>	35-45 Kameruka Street	Bemboka	Bega Valley	LGOV
<u>Bemboka River Bridge</u>	Snowy Mountains Highway	Morans Crossing	Bega Valley	SGOV
<u>Bemboka War Memorial</u>	91 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Benny Buildings, The</u>	74 Princes Highway	Cobargo	Bega Valley	LGOV
<u>Bently Bros Hairdressers (former)</u>	195 Carp Street	Bega	Bega Valley	LGOV
<u>Bermagui Cemetery</u>	Tathra Bermagui Road	Bermagui	Bega Valley	LGOV
<u>Bermagui War Memorial</u>	Lamont Street	Bermagui	Bega Valley	LGOV
<u>Bermagui Waterholes</u>	Hill Street	Bermagui	Bega Valley	LGOV
<u>Bermagui Wharf Remains</u>	Lamont Street	Bermagui	Bega Valley	LGOV
<u>Bismark House</u>	187-189 Newtown Road	Bega	Bega Valley	LGOV
<u>Bittangabee Ruins</u>	Bittangabee Bay, Ben Boyd National Park	Edrom	Bega Valley	LGOV
<u>Blue Pool, The</u>	Scenic Drive	Bermagui	Bega Valley	LGOV
<u>Boer War Memorial and Bega Park</u>	Upper Street	Bega	Bega Valley	LGOV

<u>Boiling Down Works site</u>	87 Boydtown Park Road	Boydtown	Bega Valley	LGOV
<u>Boyd's Tower</u>	Off Edrom Road	Edrom	Bega Valley	LGOV
<u>Boydtown's Church and grave sites</u>	87 Boydtown Park Road	Boydtown	Bega Valley	LGOV
<u>Brick bungalow</u>	15 Peden Street	Bega	Bega Valley	LGOV
<u>Brick chambers (Part of Blomfield chambers)</u>	131 Carp Street	Bega	Bega Valley	LGOV
<u>Brick cottage, Claremont</u>	32 Carp Street	Bega	Bega Valley	LGOV
<u>Brick dwelling</u>	61 Parker Street	Bega	Bega Valley	LGOV
<u>Brick dwelling</u>	56 Bega Street	Tathra	Bega Valley	LGOV
<u>Brick federation House</u>	58 Bega Street	Tathra	Bega Valley	LGOV
<u>Brick house</u>	34 Carp Street	Bega	Bega Valley	LGOV
<u>Brick house</u>	22 Union Street	Bega	Bega Valley	LGOV
<u>Brick residence</u>	36 Carp Street	Bega	Bega Valley	LGOV
<u>Brick residence and garden setting</u>	264 Newtown Road	Bega	Bega Valley	LGOV
<u>Brick-faced shop</u>	205 Carp Street	Bega	Bega Valley	LGOV
<u>Brickworks</u>	564 Bega-Tathra Road	Kalaru	Bega Valley	LGOV
<u>Bridge House and associated buildings</u>	29 Blanchard's Road	Brogo	Bega Valley	LGOV
<u>Brogo Dam</u>	Brogo River	Bega	Bega Valley	SGOV
<u>Brogo River Bridge</u>	Princes Highway	Brogo	Bega Valley	SGOV
<u>Brown Mountain Power Station</u>	Rutherford Creek (Brown Mountain)	Bemboka	Bega Valley	LGOV
<u>Building</u>	86 Gipps Street	Bega	Bega Valley	LGOV
<u>Building</u>	34 Church Street	Bega	Bega Valley	LGOV
<u>Building</u>	237 Imlay Street	Eden	Bega Valley	LGOV
<u>Building</u>	227-239 Carp Street	Bega	Bega Valley	LGOV
<u>Building</u>	110-114 Carp Street	Bega	Bega	LGOV

			Valley	
<u>Building</u>	161 Carp Street	Bega	Bega Valley	LGOV
<u>Building</u>	209-211 Carp Street	Bega	Bega Valley	LGOV
<u>Building</u>	22 Quondolo Street	Pambula	Bega Valley	LGOV
<u>Building</u>	153-155 Carp Street	Bega	Bega Valley	LGOV
<u>Building</u>	157 Carp Street	Bega	Bega Valley	LGOV
<u>Building</u>	27 Sharpe Street	Candelo	Bega Valley	LGOV
<u>Building</u>	19 Hoyer Street	Cobargo	Bega Valley	LGOV
<u>Building</u>	27 Sharpe Street	Candelo	Bega Valley	LGOV
<u>Building (Bangles Pottery)</u>	66 Princes Highway	Cobargo	Bega Valley	LGOV
<u>Building (Cobargo Newsagency)</u>	58-60 Princes Highway	Cobargo	Bega Valley	LGOV
<u>Building (Cobargo Pharmacy)</u>	62 Princes Highway	Cobargo	Bega Valley	LGOV
<u>Building (Cobargo Service Station)</u>	53 Princes Highway	Cobargo	Bega Valley	LGOV
<u>Building (Ex AJS Bank)</u>	8 Bermagui Road	Cobargo	Bega Valley	LGOV
<u>Building (Former Bank of NSW)</u>	2-6 Bermagui Road	Cobargo	Bega Valley	LGOV
<u>Building (former Blacksmith's Shop)</u>	21 Sharpe Street	Candelo	Bega Valley	LGOV
<u>Building (former CBC Bank)</u>	19 Auckland Street	Bega	Bega Valley	LGOV
<u>Building (former Commercial Bank & Blacksmiths)</u>	23 Sharpe Street	Candelo	Bega Valley	LGOV
<u>Building (former Queens Hotel)</u>	46 William Street	Candelo	Bega Valley	LGOV
<u>Building (Gosch House)</u>	55 Princes Highway	Cobargo	Bega Valley	LGOV
<u>Building (McPhersons Drapery)</u>	33 Princes Highway	Pambula	Bega Valley	LGOV
<u>Building (Shekina Gallery)</u>	7 Bermagui Road	Cobargo	Bega Valley	LGOV
<u>Building (Simply Cobargo Tea Room)</u>	72 Princes Highway	Cobargo	Bega Valley	LGOV
<u>Building (Telefix)</u>	9 Bermagui Road	Cobargo	Bega Valley	LGOV

<u>Building (the former Roan Horse Inn)</u>	2-4 Mount Darragh Road	South Pambula	Bega Valley	LGOV
<u>Building (The Grain Store)</u>	59 Princes Highway	Cobargo	Bega Valley	LGOV
<u>Building (Toad Hall)</u>	55 Toallo Street	Pambula	Bega Valley	LGOV
<u>Building Blomfield Chambers</u>	127 Carp Street	Bega	Bega Valley	LGOV
<u>Building Country Energy</u>	219 Carp Street	Bega	Bega Valley	LGOV
<u>Building Fenton</u>	67 Blairlands Road	Lochiel	Bega Valley	LGOV
<u>Building Fish and Chips</u>	225 Carp Street	Bega	Bega Valley	LGOV
<u>Building Kings Cinema former</u>	104-108 Carp Street	Bega	Bega Valley	LGOV
<u>Building Red Cross Centre</u>	33 Church Street	Bega	Bega Valley	LGOV
<u>Buildings</u>	241-247 Carp Street	Bega	Bega Valley	LGOV
<u>Buildings (former T Thomas Stores)</u>	25 Sharpe Street	Candelo	Bega Valley	LGOV
<u>Bungalow</u>	8 Bega Street	Bega	Bega Valley	LGOV
<u>Bungalow</u>	81 Bega Street	Bega	Bega Valley	LGOV
<u>Bungalow</u>	83 Bega Street	Bega	Bega Valley	LGOV
<u>Bungalow</u>	8 Cobargo Street	Cobargo	Bega Valley	LGOV
<u>Bungalow</u>	79 Bega Street	Bega	Bega Valley	LGOV
<u>Bungalow and palm tree</u>	47 Upper Street	Bega	Bega Valley	LGOV
<u>Burragate Conservation Area</u>	Various Various	Burragate	Bega Valley	LGOV
<u>Café (former Miss Fosters)</u>	79 - 81 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Candelo Hotel</u>	9-11 Sharpe Street	Candelo	Bega Valley	LGOV
<u>Candelo Main Street Conservation Area</u>	William Street Sharpe Street	Candelo	Bega Valley	LGOV
<u>Candelo Police Station and Official Residence</u>	Queen Street	Candelo	Bega Valley	SGOV
<u>Candelo School of Arts</u>	38 William Street	Candelo	Bega Valley	LGOV
<u>Candelo Service Station</u>	40 William Street	Candelo	Bega	LGOV

			Valley	
<u>Candelo Showground Pavilion</u>	Candelo-Bega Road	Candelo	Bega Valley	LGOV
<u>Canning Street Conservation Area</u>	Canning Street	Bega	Bega Valley	LGOV
<u>Carp Street survey pole</u>	Carp Street (in front of 187 Carp Street)	Bega	Bega Valley	LGOV
<u>Carpet Court</u>	247 Carp Street	Bega	Bega Valley	LGOV
<u>Catholic Presbytery (former)</u>	14 Bega Street	Pambula	Bega Valley	LGOV
<u>Central Hotel and associated buildings</u>	90-94 Gipps Street	Bega	Bega Valley	LGOV
<u>Christ Church</u>	5-11 Hoyer Street	Cobargo	Bega Valley	LGOV
<u>Christ Church Anglican Church</u>	32 Quondolo Street	Pambula	Bega Valley	LGOV
<u>Christ Church Anglican Church</u>	51 - 57 Bemboka Street	Bemboka	Bega Valley	LGOV
<u>Clock Tower</u>	Gipps Street (centre of Gipps Street at intersection with Carp Street)	Bega	Bega Valley	LGOV
<u>Cobandrah Farm</u>	300 Mt Darragh Road	Lochiel	Bega Valley	LGOV
<u>Cobargo Butter Factory and Co-op</u>	1464 Cobargo-Bermagui Road	Cobargo	Bega Valley	LGOV
<u>Cobargo Cemetery</u>	Princes Highway	Cobargo	Bega Valley	LGOV
<u>Cobargo Hotel</u>	Princes Highway	Cobargo	Bega Valley	LGOV
<u>Cobargo Main Street Conservation Area</u>	Princes Highway	Cobargo	Bega Valley	LGOV
<u>Cobargo Post Office</u>	57 Princes Highway	Cobargo	Bega Valley	LGOV
<u>Cobargo Public School - classrooms (circa 1898 and 1930)</u>	20-40 Wandella Road	Cobargo	Bega Valley	LGOV
<u>Cobargo Roman Catholic Conservation Area</u>	Wandella Road	Cobargo	Bega Valley	LGOV
<u>Collinswood homestead</u>	1339 Candelo-Wolumla Road	Toothdale	Bega Valley	LGOV
<u>Colombo Creek Weir</u>		Bemboka	Bega Valley	SGOV
<u>Commercial Hotel</u>	147-151 Carp Street	Bega	Bega Valley	LGOV
<u>Commercial Hotel, The</u>	18 Quondolo Street	Pambula	Bega Valley	LGOV

<u>Commonwealth Bank Former</u>	96 Gipps Street	Bega	Bega Valley	LGOV
<u>Cottage</u>	32 Kameruka Street	Candelo	Bega Valley	LGOV
<u>Cottage</u>	46 Mitchell Street	Eden	Bega Valley	LGOV
<u>Cottage</u>	12 Flinders Street	Eden	Bega Valley	LGOV
<u>Cottage</u>	46 Bermagui Road	Cobargo	Bega Valley	LGOV
<u>Cottage</u>	21 Panbula Street	Candelo	Bega Valley	LGOV
<u>Cottage</u>	19 Bermagui Road	Cobargo	Bega Valley	LGOV
<u>Cottage</u>	9 Canning Street	Bega	Bega Valley	LGOV
<u>Cottage</u>	6 Canning Street	Bega	Bega Valley	LGOV
<u>Cottage</u>	10 Canning Street	Bega	Bega Valley	LGOV
<u>Cottage</u>	36 Bega Street	Bega	Bega Valley	LGOV
<u>Cottage</u>	50 Belmore Street	Bega	Bega Valley	LGOV
<u>Cottage</u>	3 Bega Street	Cobargo	Bega Valley	LGOV
<u>Cottage</u>	95 Upper Street	Bega	Bega Valley	LGOV
<u>Cottage</u>	99 Upper Street	Bega	Bega Valley	LGOV
<u>Cottage</u>	101 Upper Street	Bega	Bega Valley	LGOV
<u>Cottage</u>	2 Mitchell Street	Eden	Bega Valley	LGOV
<u>Cottage</u>	61 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Cottage</u>	93 Upper Street	Bega	Bega Valley	LGOV
<u>Cottage</u>	4 Bega Street	Bega	Bega Valley	LGOV
<u>Cottage</u>	37 Princes Highway	Cobargo	Bega Valley	LGOV
<u>Cottage</u>	52 Parker Street	Bega	Bega Valley	LGOV
<u>Cottage</u>	92 Parker Street	Bega	Bega Valley	LGOV
<u>Cottage</u>	108 Upper Street	Bega	Bega	LGOV

			Valley	
Cottage	124 Upper Street	Bega	Bega Valley	LGOV
Cottage	126 Upper Street	Bega	Bega Valley	LGOV
Cottage	31 Peden Street	Bega	Bega Valley	LGOV
Cottage	4 Queen Street	Candelo	Bega Valley	LGOV
Cottage	113 Upper Street	Bega	Bega Valley	LGOV
Cottage	3 Candelo Street	Candelo	Bega Valley	LGOV
Cottage	14 Bega Street	Bega	Bega Valley	LGOV
Cottage	32 Bega Street	Bega	Bega Valley	LGOV
Cottage	34 Bega Street	Bega	Bega Valley	LGOV
Cottage	18 Gordon Street	Wyndham	Bega Valley	LGOV
Cottage	5 Bega Street	Cobargo	Bega Valley	LGOV
Cottage	35 Bermagui Road	Cobargo	Bega Valley	LGOV
Cottage	39 Bermagui Road	Cobargo	Bega Valley	LGOV
Cottage	10 Chandos Street	Eden	Bega Valley	LGOV
Cottage	6 Manning Street	Towamba	Bega Valley	LGOV
Cottage	39 Auckland Street	Candelo	Bega Valley	LGOV
Cottage	8 Perico Street	Burragate	Bega Valley	LGOV
Cottage	42 Princes Highway	Cobargo	Bega Valley	LGOV
Cottage	150 Newtown Road	Bega	Bega Valley	LGOV
Cottage	25 Canning Street	Bega	Bega Valley	LGOV
Cottage	49 Toallo Street	Pambula	Bega Valley	LGOV
Cottage	3 Monaro Street (east side)	Pambula	Bega Valley	LGOV
Cottage	1 Little Gahan Street	Pambula	Bega Valley	LGOV

Cottage	65 Toallo Street	Pambula	Bega Valley	LGOV
Cottage	26 Carp Street	Bega	Bega Valley	LGOV
Cottage	44-46 Carp Street	Bega	Bega Valley	LGOV
Cottage	4 Ives Street	Pambula	Bega Valley	LGOV
Cottage	Bombala Road, South Pambula (next to dairy factory)	Pambula	Bega Valley	LGOV
Cottage	172 Auckland Street	Bega	Bega Valley	LGOV
Cottage	32-34 Princes Highway	Cobargo	Bega Valley	LGOV
Cottage	7 Little Church Street	Bega	Bega Valley	LGOV
Cottage	23 Panbula Street	Candelo	Bega Valley	LGOV
Cottage	32 Panbula Street	Candelo	Bega Valley	LGOV
Cottage	52 Carp Street	Bega	Bega Valley	LGOV
Cottage	30 Toallo Street	Pambula	Bega Valley	LGOV
Cottage	11 Monaro Street	Pambula	Bega Valley	LGOV
Cottage	47 Toallo Street	Pambula	Bega Valley	LGOV
Cottage	11 Quondolo Street	Pambula	Bega Valley	LGOV
Cottage (former CBC Bank)	36 William Street	Candelo	Bega Valley	LGOV
Cottage (Weetah)	12 Canning Street	Bega	Bega Valley	LGOV
Cottage and building (former Pambula Co-operative Creamery Dairy Co Ltd)	256 Mount Darragh Road	South Pambula	Bega Valley	LGOV
Cottage on Rise	22 Mine Street	Wolumla	Bega Valley	LGOV
Council offices	114-116 Mitchell Street	Eden	Bega Valley	LGOV
Courthouse and Police station	42 Toallo Street	Pambula	Bega Valley	LGOV
Courunga House and grounds	20 Monaro Street	Merimbula	Bega Valley	LGOV
Craft shop	41 Scott Street	Wolumla	Bega Valley	LGOV

<u>Crown and Anchor Inn, The</u>	239 Imlay Street	Eden	Bega Valley	LGOV
<u>Cuttagee Bridge</u>	Tathra-Bermagui Road	Cuttagee	Bega Valley	LGOV
<u>Cuttagee House</u>	3579 Tathra-Bermagui Road	Barraga Bay	Bega Valley	LGOV
<u>CWA</u>	5 Bermagui Road	Cobargo	Bega Valley	LGOV
<u>Daisybank homestead and associated outbuildings</u>	210 Reedy Swamp Road	Tarraganda	Bega Valley	LGOV
<u>Dar El and Trees in garden</u>	50 Mitchell Street	Eden	Bega Valley	LGOV
<u>Davidson's Whaling Station and associated buildings</u>	Boyd Road	Edrom	Bega Valley	LGOV
<u>Dick Rixon's House</u>	221 Newtown Road	Bega	Bega Valley	LGOV
<u>Durham House</u>	42 Bega Street	Bega	Bega Valley	LGOV
<u>Dwelling</u>	14 Scott Street	Wolumla	Bega Valley	LGOV
<u>Dwelling</u>	137 Gipps Street	Bega	Bega Valley	LGOV
<u>Dwelling</u>	30-32 Scott Street	Wolumla	Bega Valley	LGOV
<u>Dwelling</u>	45-47 Scott Street	Wolumla	Bega Valley	LGOV
<u>Dwelling</u>	34 Scott Street	Wolumla	Bega Valley	LGOV
<u>Eastwood Homestead</u>	507 Tarraganda Road via Bega	Tarraganda	Bega Valley	LGOV
<u>Eden Cemetery</u>	Aslings Beach Road	Eden	Bega Valley	LGOV
<u>Eden Courthouse</u>	Imlay Street	Eden	Bega Valley	SGOV
<u>Eden Courthouse</u>	231 Imlay Street	Eden	Bega Valley	LGOV
<u>Eden Killer Whale Museum</u>	182 Imlay Street	Eden	Bega Valley	LGOV
<u>Eden Log Cabin Library</u>	38 Bass Street	Eden	Bega Valley	LGOV
<u>Eden Official Residence 2</u>	127 Imlay Street	Eden	Bega Valley	SGOV
<u>Eden Police Station</u>	129 Imlay Street	Eden	Bega Valley	SGOV
<u>Eden Police Station building</u>	229 Imlay Street	Eden	Bega Valley	LGOV
<u>Eden Post Office (former)</u>	155-157 Imlay Street	Eden	Bega	LGOV

			Valley	
<u>Eden Public School (circa 1857 School Building)</u>	124 Imlay Street	Eden	Bega Valley	LGOV
<u>Edrom Lodge & associated buildings</u>	Off Edrom Road	Edrom	Bega Valley	LGOV
<u>Edrom Lodge and associated buildings</u>	Jews Head, Twofold Bay	Boydton	Bega Valley	LGOV
<u>Elmgrove Homestead</u>	220 Angledale Road	Bega	Bega Valley	LGOV
<u>Family Museum Building (former Family Hotel)</u>	89-91 Bega Street	Bega	Bega Valley	LGOV
<u>Farm Cottage with red roof</u>	Princes Highway	Greigs Flat	Bega Valley	LGOV
<u>Farmhill homestead Clydebank</u>	3120 Snowy Mountains Highway	Bemboka	Bega Valley	LGOV
<u>Federation cottage</u>	44 Bega Street	Bega	Bega Valley	LGOV
<u>Federation dwelling, Narroon</u>	257 Newtown Road	Bega	Bega Valley	LGOV
<u>Federation residence</u>	3 Parrabel Street	Bega	Bega Valley	LGOV
<u>Fire Station</u>	114 Gipps Street	Bega	Bega Valley	LGOV
<u>Fishermen's Lookout</u>	Lake Street	Merimbula	Bega Valley	LGOV
<u>Former Alcock and Sons Butchers</u>	63 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Former Butcher Shop</u>	69 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Former Police Station</u>	4 Bega Street	Wolumla	Bega Valley	LGOV
<u>Former police station</u>	46 - 48 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Former Post Office</u>	28 Scott Street	Wolumla	Bega Valley	LGOV
<u>French's Building</u>	45-47 Church Street	Bega	Bega Valley	LGOV
<u>Gables, The</u>	22-24 Tarlinton Street	Cobargo	Bega Valley	LGOV
<u>Gates and Pillars for Gas works</u>	27 Upper Street	Bega	Bega Valley	LGOV
<u>General Store</u>	48 William Street	Candelo	Bega Valley	LGOV
<u>Georgian Building and shop</u>	243 Imlay Street	Eden	Bega Valley	LGOV
<u>Glenall Homestead</u>	South Wolumla Road	South Wolumla	Bega Valley	LGOV

<u>Goddard's Motors</u>	29 Quondolo Street	Pambula	Bega Valley	LGOV
<u>Grand Hotel</u>	236 Carp Street	Bega	Bega Valley	LGOV
<u>Grange building, The</u>	Northview Drive	South Pambula	Bega Valley	LGOV
<u>Granite kerb and gutter</u>	Various	Bega	Bega Valley	LGOV
<u>Great Southern Inn, The</u>	156-158 Imlay Street	Eden	Bega Valley	LGOV
<u>Green Cape Lighthouse and residences group</u>	Ben Boyd National Park	Green Cape	Bega Valley	LGOV
<u>Greenpoint house and sheds</u>	71 Greenpoint Road	Millingandi	Bega Valley	LGOV
<u>Harbour Master's Restaurant</u>	15-17 Bega Street	Tathra	Bega Valley	LGOV
<u>Hardware Store & blacksmith shop former</u>	70 - 72 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Haven, The</u>	25 Bega Street	Tathra	Bega Valley	LGOV
<u>Hobb's Store (1889), cottage (c1890) & storage shed</u>	71 - 73 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Holy Trinity Anglican Church</u>	22 Clarke Street	Wyndham	Bega Valley	LGOV
<u>Holy Trinity Church and Cemetery</u>	Candelo-Bega Road	Kameruka	Bega Valley	LGOV
<u>Homestead Ottonville</u>	35 Ottonville Road	Bega	Bega Valley	LGOV
<u>Hopetoun House</u>	5 Bass Street	Eden	Bega Valley	LGOV
<u>Horseshoe Bay Hotel</u>	10 Lamont Street	Bermagui	Bega Valley	LGOV
<u>House</u>	233 Imlay Street	Eden	Bega Valley	LGOV
<u>House</u>	25-27 Cobargo Street	Quaama	Bega Valley	LGOV
<u>House</u>	41 Upper Street	Bega	Bega Valley	LGOV
<u>House</u>	2A Union Street	Bega	Bega Valley	LGOV
<u>House</u>	39 Upper Street	Bega	Bega Valley	LGOV
<u>House</u>	25 Peden Street	Bega	Bega Valley	LGOV
<u>House (former Courthouse)</u>	2 Cocora Street	Eden	Bega Valley	LGOV
<u>House (former Rectory)</u>	26 Glebe Avenue	Bega	Bega	LGOV

			Valley	
<u>House (former Roman Catholic School)</u>	Wandella Road	Cobargo	Bega Valley	LGOV
<u>House (former Victoria Inn)</u>	38-40 Auckland Street	Bega	Bega Valley	LGOV
<u>House (former Westpac residence)</u>	139 Carp Street	Bega	Bega Valley	LGOV
<u>House (Kookaburra)</u>	58 Upper Street	Bega	Bega Valley	LGOV
<u>House and associated buildings</u>	165 Pericoe Road	Towamba	Bega Valley	LGOV
<u>House and Garden Dr Loftus</u>	21-23 Peden Street	Bega	Bega Valley	LGOV
<u>Inter war building</u>	15 Sharpe Street	Candelo	Bega Valley	LGOV
<u>Jacaranda House</u>	28 Carp Street	Bega	Bega Valley	LGOV
<u>Jellat Jellat Homestead (garden and outbuildings)</u>	Tathra Road	Bega	Bega Valley	LGOV
<u>Kameruka Group incl. store, hall, gate lodge, tower clock, homestead & outbuild.</u>	Kameruka Estate Road	Kameruka	Bega Valley	LGOV
<u>Kenilworth</u>	22 George Street	Bermagui	Bega Valley	LGOV
<u>Kenya Homestead</u>	134 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Lawson House</u>	53 Parker Street	Bega	Bega Valley	LGOV
<u>Littleton House</u>	24 - 30 Bega Street	Bega	Bega Valley	LGOV
<u>Lytleton</u>	62 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Malcolm House</u>	16 Canning Street	Bega	Bega Valley	LGOV
<u>Mary McKillop Hall (former Star of The Sea Church)</u>	86-90 Calle Calle Street	Eden	Bega Valley	LGOV
<u>Masonic Centre</u>	18 Canning Street	Bega	Bega Valley	LGOV
<u>Masonic Temple</u>	40 Toallo Street	Pambula	Bega Valley	LGOV
<u>Mataganah Bridge</u>	Near Rocky Hall	Rocky Hall	Bega Valley	LGOV
<u>Matt Howard's Store</u>	178 Imlay Street	Eden	Bega Valley	LGOV
<u>McNamara Centennial building and shops</u>	53-61 Church Street	Bega	Bega Valley	LGOV
<u>Memorial casuarina tree planting</u>	Princes Highway	Pambula	Bega	LGOV

	(Pambula River Flats)		Valley	
<u>Memorial Garden Bega High School</u>	Upper Street	Bega	Bega Valley	LGOV
<u>Merimbula Wharf and cargo sheds</u>	Wharf Street on Long Point	Merimbula	Bega Valley	LGOV
<u>Merrimans Island</u>		Wallaga Lake	Bega Valley	LGOV
<u>Mitchie's wharf and shed</u>	Fishpen	Merimbula	Bega Valley	LGOV
<u>Montreal Goldfields</u>	Wallaga Lake Road	Wallaga Lake	Bega Valley	LGOV
<u>Morella House</u>	55 Parker Street	Bega	Bega Valley	LGOV
<u>Morrows Motor Garage/ Corner Store</u>	7 Sharpe Street	Candelo	Bega Valley	LGOV
<u>Motor Garage former</u>	217 Carp Street	Bega	Bega Valley	LGOV
<u>Mumbulla Mountain</u>		Mumbulla	Bega Valley	LGOV
<u>Murrah Hall</u>	Tathra-Bermagui Road	Murrah	Bega Valley	LGOV
<u>Murrah River Bridge</u>	Tathra-Bermagui Road	Murrah	Bega Valley	LGOV
<u>Natural Energy Centre</u>	76 - 78 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Ness Property</u>	343 Wapengo Lake Road	Wapengo	Bega Valley	LGOV
<u>Nethercote Hall</u>	Nethercote Road	Nethercote	Bega Valley	LGOV
<u>New Buildings Bridge</u>	New Buildings Road	New Buildings	Bega Valley	LGOV
<u>New Buildings Bridge over Towamba River</u>	Regional Road 248	Wyndham (South West)	Bega Valley	SGOV
<u>Nungatta Station</u>	1551 Nungatta Road	Nungatta	Bega Valley	LGOV
<u>Oaklands associated outbuildings and grounds</u>	3546 Princes Highway	Pambula	Bega Valley	LGOV
<u>Old Bega Hospital (Main building and outbuildings)</u>	277 Princes Highway	Bega	Bega Valley	LGOV
<u>Old Hospital</u>	31 Kameruka Street	Candelo	Bega Valley	LGOV
<u>Old Pambula Cemetery</u>	Princes Highway	Pambula	Bega Valley	LGOV
<u>Old Rocky Hall School</u>	1325 Big Jack Mountain Road	Rocky Hall	Bega Valley	LGOV
<u>Old School Museum</u>	85-87 Main Street	Merimbula	Bega Valley	LGOV

<u>Old Towamba General Store</u>	2474 Towamba Road	Towamba	Bega Valley	LGOV
<u>Orana House</u>	34 Tathra Road	Bega	Bega Valley	LGOV
<u>Pambula Butchery</u>	21 Quondolo Street	Pambula	Bega Valley	LGOV
<u>Pambula Cemetery</u>	Munje Street	Pambula	Bega Valley	LGOV
<u>Pambula Goldfield</u>	4 km south-southwest of Pambula in the Nullica State Forest	Greigs Flat	Bega Valley	LGOV
<u>Pambula Main Street Conservation Area</u>	Quondolo Street	Pambula	Bega Valley	LGOV
<u>Pambula Milk Bar</u>	31 Quondolo Street	Pambula	Bega Valley	LGOV
<u>Pambula School of Arts</u>	13 Quondolo Street	Pambula	Bega Valley	LGOV
<u>Pambula Town Wells</u>	Merimbola Street	Pambula	Bega Valley	LGOV
<u>Pambula War Memorial</u>	In front of 22 Quondolo Street	Pambula	Bega Valley	LGOV
<u>Parkview</u>	65 Parker Street	Bega	Bega Valley	LGOV
<u>Parkview House</u>	26 Union Street	Bega	Bega Valley	LGOV
<u>Peden Street Conservation Area</u>	Peden Street	Bega	Bega Valley	LGOV
<u>Pickled Pear Bed and Breakfast (former)</u>	60 Carp Street	Bega	Bega Valley	LGOV
<u>Picturesque Gothic Dwelling</u>	161 Auckland Street	Bega	Bega Valley	LGOV
<u>Police Barracks (former)</u>	156 Newtown Road	Bega	Bega Valley	LGOV
<u>Police residence</u>	24 - 26 Bermagui Road	Cobargo	Bega Valley	LGOV
<u>Police residence</u>	4 Wallaga Street	Bermagui	Bega Valley	LGOV
<u>Police Station</u>	58 William Street	Candelo	Bega Valley	LGOV
<u>Police Station building</u>	35-39 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Post Office</u>	52-54 William Street	Candelo	Bega Valley	LGOV
<u>Presbyterian Church (former)</u>	121 Gipps Street	Bega	Bega Valley	LGOV
<u>Pretty Point Bridge</u>	New Buildings Road	Wyndham	Bega Valley	LGOV

<u>Quaama Cemetery</u>	Orient Street	Quaama	Bega Valley	LGOV
<u>Quaama Primary School (former residence, circa 1889, and classrooms, circa 1885)</u>	48 Cobargo Street	Quaama	Bega Valley	LGOV
<u>Quaama School of Arts</u>	2 Cobargo Street	Quaama	Bega Valley	LGOV
<u>Quaama Store</u>	2-6 Bega Street	Quaama	Bega Valley	LGOV
<u>Racecourse, grandstand, show pavilion and associated buildings</u>	Munje Street	Pambula	Bega Valley	LGOV
<u>Residence</u>	7 Oak Street	Wyndham	Bega Valley	LGOV
<u>Residence</u>	4 Wandella Road	Cobargo	Bega Valley	LGOV
<u>Residence</u>	44 Princes Highway	Cobargo	Bega Valley	LGOV
<u>Residence</u>	37 Princes Highway	Cobargo	Bega Valley	LGOV
<u>Residence</u>	31 Princes Highway	Cobargo	Bega Valley	LGOV
<u>Residence</u>	15 Hoyer Street	Cobargo	Bega Valley	LGOV
<u>Residence</u>	3 Avernus Street	Cobargo	Bega Valley	LGOV
<u>Residence</u>	30 Hoyer Street	Cobargo	Bega Valley	LGOV
<u>Residence</u>	32 Hoyer Street	Cobargo	Bega Valley	LGOV
<u>Residence</u>	5 Wandella Road	Cobargo	Bega Valley	LGOV
<u>Residence</u>	2 Main Street	Merimbula	Bega Valley	LGOV
<u>Residence</u>	45 Main Street	Merimbula	Bega Valley	LGOV
<u>Residence (Dippity Dip)</u>	73 Avernus Street	Cobargo	Bega Valley	LGOV
<u>Residence (Greenmount)</u>	7 New Buildings Road	Wyndham	Bega Valley	LGOV
<u>Residence (Scots Hut)</u>	702 New Buildings Road	Wyndham	Bega Valley	LGOV
<u>Retreat building, The</u>	26-30 Quondolo Street	Pambula	Bega Valley	LGOV
<u>Robbie Burns Hotel</u>	22 Monaro Street	Wyndham	Bega Valley	LGOV
<u>Rockleigh, homestead and garden</u>	Hergenahns Lane	Bega	Bega Valley	LGOV

<u>Rocky Hall Hall</u>	1474 Big Jack Mountain Road	Rocky Hall	Bega Valley	LGOV
<u>Roman Catholic Church</u>	1-5 Scott Street	Wolumla	Bega Valley	LGOV
<u>Roman Catholic Church</u>	19 Bega Street	Tathra	Bega Valley	LGOV
<u>Roman Catholic Church and Presbytery</u>	Wandella Road	Cobargo	Bega Valley	LGOV
<u>Roman Catholic Church building (former)</u>	Princes Highway	Kiah	Bega Valley	LGOV
<u>Roman Catholic Convent</u>	Wandella Road	Cobargo	Bega Valley	LGOV
<u>Roman Catholic Presbytery</u>	Wandellow Road	Cobargo	Bega Valley	LGOV
<u>Rosemount (former Catholic Convent)</u>	34 Auckland Street	Candelo	Bega Valley	LGOV
<u>Rosevear shopfront</u>	165 Carp Street	Bega	Bega Valley	LGOV
<u>RSL Hall and Cobargo Soldiers Memorial</u>	43-45 Princes Highway	Cobargo	Bega Valley	LGOV
<u>Salting Down House/ Store site</u>	87 Boydtown Park Road	Boydtown	Bega Valley	LGOV
<u>Salvation Army Hall and cottage</u>	170 Auckland Street	Bega	Bega Valley	LGOV
<u>School building (c1903) and tree (Pinus species)</u>	6 Wallaga Lake Road	Bermagui	Bega Valley	LGOV
<u>School of Arts</u>	18 Bermagui Road	Cobargo	Bega Valley	LGOV
<u>School of Arts Hall</u>	26 Clarke Street	Wyndham	Bega Valley	LGOV
<u>Seahorse Inn, church & grave sites, salting down house/ store, boiling down works</u>	87 Boydtown Park Road	Boydtown	Bega Valley	LGOV
<u>Shop</u>	3 Wallaga Lake Road	Bermagui	Bega Valley	LGOV
<u>Shop</u>	121 Carp Street	Bega	Bega Valley	LGOV
<u>Shop</u>	99 Carp Street	Bega	Bega Valley	LGOV
<u>Shop with Art Deco parapet</u>	146 Imlay Street	Eden	Bega Valley	LGOV
<u>Single storey building</u>	5 Bullara Street	Pambula	Bega Valley	LGOV
<u>Slab and batten cottage</u>	198 Newtown Road	Bega	Bega Valley	LGOV
<u>Slab house</u>	1464 Big Jack Mount Road	Rocky Hall	Bega Valley	LGOV

<u>Soldiers memorial gates, park and artillery</u>	Carp Street	Bega	Bega Valley	LGOV
<u>Sorrento Lodge</u>	2-6 Lamont Street	Bermagui	Bega Valley	LGOV
<u>South Wolumla Butter Factory complex</u>	South Wolumla Road	South Wolumla	Bega Valley	LGOV
<u>St Columba's Catholic Church</u>	121 Loftus Street	Bemboka	Bega Valley	LGOV
<u>St Georges Uniting Church</u>	16B-18 Chandos Street	Eden	Bega Valley	LGOV
<u>St John's Anglican Church</u>	98 Calle Calle Street	Eden	Bega Valley	LGOV
<u>St John's Anglican Rectory - church, hall and lych gate</u>	80 Auckland Street	Bega	Bega Valley	LGOV
<u>St Joseph's Catholic Church and Catholic School</u>	11 & 16-18 Kameruka Street	Candelo	Bega Valley	LGOV
<u>St Joseph's Roman Catholic Church</u>	11 Norwood Street	Wyndham	Bega Valley	LGOV
<u>St Joseph's Convent (former)</u>	83 Parker Street	Bega	Bega Valley	LGOV
<u>St Patrick's Church and Presbytery and St Joseph's Convent</u>	130 Gipps Street	Bega	Bega Valley	LGOV
<u>St Pauls Community Church</u>	4 Towamba Street	Towamba	Bega Valley	LGOV
<u>St Peter's Anglican Church</u>	3-7 William Street	Candelo	Bega Valley	LGOV
<u>St Peter's Roman Catholic Church</u>	12 Monaro Street	Pambula	Bega Valley	LGOV
<u>St Saviours Church</u>	1 Cobargo Street	Quaama	Bega Valley	LGOV
<u>Star Newspaper and printing office former</u>	203 Carp Street	Bega	Bega Valley	LGOV
<u>Stone cottage</u>	6 Bullara Street	Pambula	Bega Valley	LGOV
<u>Street trees</u>	Peden Street (both sides)	Bega	Bega Valley	LGOV
<u>Tanja Community Hall</u>	Barrabooka Road	Tanja	Bega Valley	LGOV
<u>Tanja Public School (former residence, circa 1885, and classroom, circa 1925)</u>	7 Tathra-Bermagui Road	Tanja	Bega Valley	LGOV
<u>Tarraganda Homestead</u>	48 Wren-Moore Road	Tarraganda	Bega Valley	LGOV
<u>Tathra Bunker</u>	Wharf Road	Tathra	Bega Valley	LGOV
<u>Tathra Conservation Area</u>	Bega Street	Tathra	Bega Valley	LGOV

<u>Tathra Grocery Store</u>	32 Bega Street	Tathra	Bega Valley	LGOV
<u>Tathra Headland Conservation Area</u>	Bega Street	Tathra	Bega Valley	LGOV
<u>Tathra Hotel</u>	8-12 Bega Street	Tathra	Bega Valley	LGOV
<u>Tathra Lodge</u>	27 Bega Street	Tathra	Bega Valley	LGOV
<u>Tathra survey marker (carved tree trunk on side of road)</u>	411 Tathra Bermagui Road	Mogareeka	Bega Valley	LGOV
<u>Tathra war memorial</u>	Bega Street	Tathra	Bega Valley	LGOV
<u>Tathra Wharf and building</u>	Wharf Road	Tathra	Bega Valley	LGOV
<u>Teacher cottage</u>	19 Monaro Street	Pambula	Bega Valley	LGOV
<u>Timber cottage</u>	16 Quondolo Street	Pambula	Bega Valley	LGOV
<u>Tourist office</u>	Gipps Street	Bega	Bega Valley	LGOV
<u>Towamba Bridge</u>	Towamba Road	Towamba	Bega Valley	LGOV
<u>Towamba Public School former residence(c1885) and administration building(c1890)</u>	7-9 Towamba Street	Towamba	Bega Valley	LGOV
<u>Trolley Way Mirador Tramway, Pages Creek Dam</u>	Off Mirador Drive	Merimbula	Bega Valley	LGOV
<u>Twyford Hall</u>	16 Market Street	Merimbula	Bega Valley	LGOV
<u>Union Church</u>	5 West Street	Bermagui	Bega Valley	LGOV
<u>Upper Street Conservation Area</u>	Upper Street	Bega	Bega Valley	LGOV
<u>Victorian cottage</u>	7 Mitchell Street	Eden	Bega Valley	LGOV
<u>Victorian Georgian style residence, "Cranbrook"</u>	225 Newtown Road	Bega	Bega Valley	LGOV
<u>Victorian weatherboard cottage</u>	52 Bega Street	Tathra	Bega Valley	LGOV
<u>Wallaga Lake Bridge</u>	Wallaga Lake Road	Wallaga Lake	Bega Valley	LGOV
<u>War memorial</u>	Dr William Loftus Park	Candelo	Bega Valley	LGOV
<u>Warragaburra Homestead</u>	1364 Tathra Road	Bega	Bega Valley	LGOV
<u>Weatherboard and lattice dwelling</u>	71A Parker Street	Bega	Bega Valley	LGOV

<u>Weatherboard cottage</u>	52 Belmore Street	Bega	Bega Valley	LGOV
<u>Weatherboard cottage</u>	46 Belmore Street	Bega	Bega Valley	LGOV
<u>Weatherboard cottage</u>	50 Bega Street	Bega	Bega Valley	LGOV
<u>Weatherboard cottage</u>	52 Bega Street	Bega	Bega Valley	LGOV
<u>Weatherboard cottage</u>	54 Bega Street	Bega	Bega Valley	LGOV
<u>Weatherboard cottage</u>	3 Little Gahan Street	Pambula	Bega Valley	LGOV
<u>Weatherboard cottage</u>	75 Scott Street	Wolumla	Bega Valley	LGOV
<u>Weatherboard cottage</u>	15 Scott Street	Wolumla	Bega Valley	LGOV
<u>Weatherboard cottage</u>	15 Merimbola Street	Pambula	Bega Valley	LGOV
<u>Weatherboard cottage</u>	69 Toallo Street	Pambula	Bega Valley	LGOV
<u>Weatherboard cottage</u>	10 Bega Street	Bega	Bega Valley	LGOV
<u>Weatherboard cottage</u>	16 Bega Street	Bega	Bega Valley	LGOV
<u>Weatherboard cottage</u>	18 Bega Street	Bega	Bega Valley	LGOV
<u>Weatherboard cottage</u>	20 Bega Street	Bega	Bega Valley	LGOV
<u>Weatherboard cottage</u>	22 Bega Street	Bega	Bega Valley	LGOV
<u>Weatherboard cottage</u>	47 Belmore Street	Bega	Bega Valley	LGOV
<u>Weatherboard cottage</u>	210 Newtown Road	Bega	Bega Valley	LGOV
<u>Weatherboard cottage</u>	51 Toallo Street	Pambula	Bega Valley	LGOV
<u>Weatherboard cottage - blue walls</u>	255 Newtown Road	Bega	Bega Valley	LGOV
<u>Weatherboard Cottage (former Post Office)</u>	32 Cobargo Street	Quaama	Bega Valley	LGOV
<u>Weatherboard dwelling</u>	53 Monaro Street	Wyndham	Bega Valley	LGOV
<u>Weatherboard dwelling</u>	32 Belmore Street	Bega	Bega Valley	LGOV
<u>Weatherboard dwelling</u>	38 Belmore Street	Bega	Bega Valley	LGOV
<u>Weatherboard house</u>	15 Quondolo Street	Pambula	Bega	LGOV

			Valley	
<u>Weatherboard workers cottage</u>	64 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Wellington</u>	49 Carp Street	Bega	Bega Valley	LGOV
<u>Whipstick Molybdenum Mine</u>	Mt Darragh Road (Nullica/ Gnupa State Forest)	Whipstick	Bega Valley	LGOV
<u>Wolumla Anglican Church</u>	15 -19 Bega Street	Wolumla	Bega Valley	LGOV
<u>Wolumla Community Hall</u>	36 Scott Street	Wolumla	Bega Valley	LGOV
<u>Wolumla Conservation Area</u>	Various Various	Wolumla	Bega Valley	LGOV
<u>Wonboyn River Bridge</u>	Princes Highway	near Eden	Bega Valley	SGOV
<u>Woodlands house</u>	8 Bullara Street	Pambula	Bega Valley	LGOV
<u>Wool Store site</u>	87 Boydtown Park Road	Boydtown	Bega Valley	LGOV
<u>Worland's Boarding House</u>	58 Loftus Street	Bemboka	Bega Valley	LGOV
<u>Wyndham (south west) - Bridge</u>	Wyndham (south west)	Wyndham (south west)	Bega Valley	LGOV
<u>Wyndham Cemetery</u>	Clarke Street	Wyndham	Bega Valley	LGOV
<u>Wyndham Conservation Area</u>	Various Various	Wyndham	Bega Valley	LGOV
<u>Wyndham Police Station Former</u>	10 Gordon Street	Wyndham	Bega Valley	LGOV
<u>Wyndham Public School (library and former residence, circa 1892)</u>	31 Monaro Street	Wyndham	Bega Valley	LGOV
<u>Wyndham War Memorial</u>	Monaro Street	Wyndham	Bega Valley	LGOV
<u>Yarranung Butter Factory</u>	184 Angledale Road	Bega	Bega Valley	LGOV
<u>Yarranung homestead</u>	47 Angledale Road	Bega	Bega Valley	LGOV
<u>Yowaka Bridge</u>	Princes Highway	Greigs Flat	Bega Valley	LGOV
<u>Yowaka Bridge near Eden</u>	Princes Highway	14 km north of Eden	Bega Valley	SGOV

There was a total of 493 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 the Heritage Division 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.

BVSC LEP Heritage

Bega Valley Local Environmental Plan 2013

Current version for 13 July 2018 to date (accessed 25 July 2018 at 10:54)

Schedule 5

Schedule 5 Environmental heritage

(Clause 5.10)

Part 1 Heritage items

Suburb	Item name	Address	Property description	Significance	Item no
Barraga Bay	Cuttagee House	3579 Tathra-Bermagui Road	Lot 1, DP 390229	Local	I740
Bega	Granite kerb and gutter	Various streets		Local	I624
Bega	Yarranung homestead	47 Angledale Road	Lot 1, DP 1118752	Local	I018
Bega	Yarranung Butter Factory	184 Angledale Road	Lot 2, DP 582308	Local	I099
Bega	“Elmgrove”, Homestead	220 Angledale Road	Lot 1, DP 750197	Local	I083
Bega	Building (former CBC Bank)	19 Auckland Street	Lot 2, DP 782452	State	I023
Bega	Bega Public School (former residence, circa 1892, and 2 classroom buildings, circa 1883 and 1892)	21 Auckland Street	Lot 1, DP 782445	Local	I024
Bega	House (former Victoria Inn)	38–40 Auckland Street	Lot 1, DP 162455	Local	I027
Bega	St John’s Anglican Rectory—church, hall and lych gate	80 Auckland Street	Lots 12, 12A, 12B, Section 34, DP 758076	Local	I005
Bega	Picturesque gothic dwelling	161 Auckland Street	Lot 7, Section 2, DP 54283	Local	I491
Bega	Salvation Army Hall and cottage	170 Auckland Street	Lot 11, DP 1145936	Local	I625
Bega	Cottage	172 Auckland Street	Lot 1, DP 946286	Local	I487
Bega	Cottage	4 Bega Street	Lot 2, DP 527395	Local	I628
Bega	Bungalow	8 Bega Street	Lot 17, Section 2, DP 697	Local	I493
Bega	Weatherboard cottage	10 Bega Street	Lot 18, Section 2, DP 697	Local	I494
Bega	Cottage	14 Bega Street	Lot 1, DP 955989	Local	I496



Bega	Weatherboard cottage	16 Bega Street	Lot 1, DP 1004398	Local	1497
Bega	Weatherboard cottage	18 Bega Street	Lot 3, DP 894	Local	1498
Bega	Weatherboard cottage	20 Bega Street	Lot 2, DP 338248	Local	1499
Bega	Weatherboard cottage	22 Bega Street	Lot 11, DP 851448	Local	1500
Bega	Littleton House	24–30 Bega Street	Lot 10, DP 851448	Local	1026
Bega	Cottage	32 Bega Street	Lot 1, DP 734128	Local	1501
Bega	Cottage	34 Bega Street	Lot 16, DP 939803	Local	1502
Bega	Cottage	36 Bega Street	Lot 21, DP 629375	Local	1503
Bega	Durham House	42 Bega Street	Lot 12, DP 705605	Local	1102
Bega	Federation cottage	44 Bega Street	Lot 44, DP 1104580	Local	1504
Bega	Weatherboard cottage	50 Bega Street	Lot 1, DP 1002593	Local	1505
Bega	Weatherboard cottage	52 Bega Street	Lot 2, DP 997033	Local	1506
Bega	Weatherboard cottage	54 Bega Street	Lot 3, DP 1073403	Local	1507
Bega	Bungalow	79 Bega Street	Lot 3, DP 17498	Local	1509
Bega	Bungalow	81 Bega Street	Lot 2, DP 17498	Local	1510
Bega	Bungalow	83 Bega Street	Lot 1, DP 17498	Local	1511
Bega	Family Museum building (former Family Hotel)	89–91 Bega Street	Lot 1, DP 787591	Local	1028
Bega	Weatherboard dwelling	32 Belmore Street	Lot 1, DP 514405	Local	1512
Bega	Weatherboard dwelling	38 Belmore Street	Lot 14, Section 1, DP 1445	Local	1513
Bega	Weatherboard cottage	46 Belmore Street	Lot 1, DP 930701	Local	1515
Bega	Weatherboard cottage	47 Belmore Street	Lot 4, Section 3, DP 52526	Local	1517
Bega	Cottage	50 Belmore Street	Lot 2, DP 105464	Local	1516
Bega	Weatherboard cottage	52 Belmore Street	Lot 5, DP 530219	Local	1514
Bega	Ambulance station	1–3 Canning Street	Lots E and F, DP 156357	Local	1527
Bega	Cottage	6 Canning Street	Lot 5, DP 998979	Local	1521
Bega	Cottage	9 Canning Street	Lot 1, DP 305163	Local	1530
Bega	Cottage	10 Canning Street	Lot 1, DP 795413	Local	1523
Bega	Cottage, “Weetah”	12 Canning Street	Lot 2, DP 1104408	Local	1524
Bega	Malcolm House	16 Canning Street	Lot 1090, DP 1044073	Local	1526
Bega	Masonic Centre	18 Canning Street	Lot 419, DP 803626	Local	1007
Bega	Bega Band Room	23 Canning Street	Lot 18, DP 1132440	Local	1537
Bega	Cottage	25 Canning Street	Lot 19, DP 1979	Local	1538



Bega	Bega Courthouse	Corner of Carp and Gipps Streets	Lot 146, DP 1168847	Local	I001
Bega	Soldiers Memorial Gates, park and artillery	Carp Street	Lot 701, DP 94051	Local	I017
Bega	Carp Street survey pole	Carp Street (in front of 187 Carp Street)		Local	I663
Bega	Cottage	26 Carp Street	Lot 4, DP 1118160	Local	I472
Bega	Jacaranda House	28 Carp Street	SP 80398	Local	I473
Bega	Brick cottage, "Claremont"	32 Carp Street	Lot 1, DP 711718	Local	I539
Bega	Brick house	34 Carp Street	Lot 2, DP 625611	Local	I540
Bega	Brick residence	36 Carp Street	Lot 1, DP 625611	Local	I632
Bega	Cottage	44–46 Carp Street	Lot 1, DP 194912	Local	I476
Bega	Wellington	49 Carp Street	Lot 3, DP 1118216	Local	I479
Bega	Cottage	52 Carp Street	Lot 1, DP 543259	Local	I477
Bega	Pickled Pear Bed and Breakfast	60 Carp Street	Lot 1, DP 662200	Local	I478
Bega	Shop	99 Carp Street	Lot 5, DP 1031	Local	I481
Bega	Building (Kings Cinema)	104–108 Carp Street	Lots 3 and 4, DP 783412	Local	I106
Bega	Building	110–114 Carp Street	Lot 324, DP 1134855	Local	I088
Bega	Shop	121 Carp Street	Lot 1, DP 119405	Local	I547
Bega	Building (Blomfield Chambers)	127 Carp Street	Lot 1, DP 134697; Lots C and D, DP 321364	Local	I003
Bega	Brick chambers	131 Carp Street	Lot 2, DP 1979	Local	I548
Bega	House (former Westpac residence)	139 Carp Street	Lot 1, DP 134702	Local	I029
Bega	Commercial Hotel	147–151 Carp Street	Lot 2, DP 785324	Local	I004
Bega	Building	153–155 Carp Street	Lot 1, DP 785324	Local	I090
Bega	Building	157 Carp Street	Lot 3, DP 785324	Local	I091
Bega	Building	161 Carp Street	Lot 1, DP 999886	Local	I093
Bega	Rosevear shopfront	165 Carp Street	Lot 1, DP 1056632	Local	I020
Bega	Bently Bros Hairdressers (former)	195 Carp Street	Lots 8, 9 and 10, DP 229551	Local	I562
Bega	Star Newspaper and printing office	203 Carp Street	Lot 2, DP 130357	Local	I563
Bega	Brick-faced shop	205 Carp Street	Lot 1, DP 1076296	Local	I564
Bega	Building	209–211 Carp Street	Lots 2 and 3, DP 229551	Local	I094



Bega	Motor garage (former)	217 Carp Street	SP 76662	Local	I565
Bega	Building	219 Carp Street	Lot 16, DP 519740	Local	I095
Bega	Building	225 Carp Street	Lot 17, DP 519740	Local	I096
Bega	Building	227–239 Carp Street	Lot 13, DP 1043992	Local	I097
Bega	Grand Hotel	236 Carp Street	Lot 2, DP 305721	Local	I019
Bega	Buildings	241–247 Carp Street	SP 78045	Local	I098
Bega	Art Deco shops	26–32 Church Street	Lot 5, DP 248175	Local	I550
Bega	Building (Red Cross Centre)	33 Church Street	Lot 1, DP 1080750	Local	I021
Bega	Building	34 Church Street	Lot 6, DP 248175	Local	I101
Bega	Bank Hotel	42 Church Street	Lot 1, DP 82787	Local	I006
Bega	French's building	45–47 Church Street	Lot 11, DP 871584	Local	I108
Bega	McNamara Centennial building and shops	53–61 Church Street	Lot 1, DP 850632	Local	I107
Bega	Old Bega Racecourse Grandstand	East Street	Lot 3200, DP 1036584	Local	5063836
Bega	Clock tower	Gipps Street (centre of Gipps Street at intersection with Carp Street)		Local	I008
Bega	Tourist office	Gipps Street	Lot 13, Section 39, DP 758076	Local	I557
Bega	Building	86 Gipps Street	Lot 1, DP 960316	Local	I011
Bega	Central Hotel and associated buildings	90–94 Gipps Street	Lot 146, DP 623646	Local	I105
Bega	Commonwealth Bank (former)	96 Gipps Street	Lot 1, DP 447664	Local	I555
Bega	Fire station	114 Gipps Street	Lot 1, DP 958249	Local	I556
Bega	Presbyterian church (former)	121 Gipps Street	Lot 26, DP 850444	Local	I558
Bega	Bega Uniting Church	125 Gipps Street	Lot 1, DP 121210	Local	I025
Bega	St Patrick's Church and presbytery	130 Gipps Street	Lots 1–3, DP 126111; Lots 1 and 2, Section 3, DP 52526; Lot 1, DP 909278; Lot 3, DP 664662; Lot 1, DP 909278	Local	I010
Bega	Dwelling	137 Gipps Street	Lot 8, DP 1129993	Local	I560
Bega	House (former rectory)	26 Glebe Avenue	Lot 61, DP 516828	Local	I022
Bega	Rockleigh, homestead and garden	Hergenahns Lane	Lot 1, DP 333020	Local	I086
Bega	Cottage	7 Little Church Street	Lot 1, DP 950796	Local	I664



Bega	Cottage	150 Newtown Road	Lot 2, Section 2, DP 1445	Local	I571
Bega	Police Barracks (former)	156 Newtown Road	Lot 321, DP 834102	Local	I572
Bega	Bismark House	187–189 Newtown Road	Lot 2, DP 1083308	Local	I578
Bega	Slab and batten cottage	198 Newtown Road	Lot 3, DP 20413	Local	I573
Bega	Weatherboard cottage	210 Newtown Road	Lot 1, DP 197245	Local	I574
Bega	Dick Rixon’s house	221 Newtown Road	Lots 1 and 2, DP 195964	Local	I580
Bega	Victorian Georgian style residence, “Cranbrook”	225 Newtown Road	Lot 1, DP 1104768	Local	I581
Bega	Weatherboard cottage—blue walls	255 Newtown Road	Lot 1, DP 1013511	Local	I582
Bega	Federation dwelling, “Narroon”	257 Newtown Road	Lot 1, DP 999351	Local	I583
Bega	Brick residence and garden setting	264 Newtown Road	Lot 11, DP 601044	Local	I577
Bega	Homestead, “Ottonville”	35 Ottonville Road	Lot 12, DP 801656	Local	I084
Bega	Cottage	52 Parker Street	Lot 1, DP 417220	Local	I589
Bega	Lawson House	53 Parker Street	Lot 1, DP 571741	Local	I012
Bega	Morella House	55 Parker Street	Lot 2, DP 571741	Local	I013
Bega	Brick dwelling	61 Parker Street	Lot 6, Section 2, DP 993	Local	I592
Bega	Parkview	65 Parker Street	Lot 6, Section 1, DP 993	Local	I593
Bega	Weatherboard and lattice dwelling	71A Parker Street	Lot 1, DP 399576	Local	I594
Bega	St Joseph’s Convent	83 Parker Street	Lot 130, DP 1055351	Local	I595
Bega	Cottage	92 Parker Street	Lot 1, DP 509151	Local	I590
Bega	Federation residence	3 Parrabel Street	Lot 1, DP 798593	Local	I584
Bega	Street trees	Peden Street (both sides)		Local	I662
Bega	Brick bungalow	15 Peden Street	Lot 7, Section 4, DP 54283	Local	I596
Bega	House and garden	21–23 Peden Street	Lot 6, DP 603922	Local	I082
Bega	House	25 Peden Street	Lot 3, DP 931057	Local	I598
Bega	Cottage	31 Peden Street	Lot 2, DP 308576	Local	I599
Bega	Bega Cemetery	Princes Highway	Lot 7023, DP 1054927	Local	I657
Bega	Old Bega Hospital (main building and outbuildings)	277 Princes Highway	Lot 296, DP 728021	Local	I009



Bega	Jellat Jellat Homestead (garden and outbuildings)	Tathra Road	Lot 1, DP 136753	Local	I014
Bega	Orana House	34 Tathra Road	Lot 1, DP 708174	Local	I015
Bega	Warragaburra Homestead	1364 Tathra Road	Lot 1, DP 742074	Local	I002
Bega	House	2A Union Street	Lot 3, Section 2, DP 66	Local	I601
Bega	Brick house	22 Union Street	Lot 2, DP 517258	Local	I602
Bega	Parkview House	26 Union Street	Lot A, DP 341317	Local	I103
Bega	Bega showground pavilion	Upper Street	Lot 1, Section 49, DP 758076; Lot 1, DP 667563,	Local	I016
Bega	Boer War Memorial and Bega Park	Upper Street	Lot 2, Section 49, DP 758076	Local	I087
Bega	Memorial Garden Bega High School	Upper Street	Part Lot 11, Section 46, DP 758076	Local	I644
Bega	Gates and pillars for gas works	27 Upper Street	Lot 1, DP 1136876	Local	I610
Bega	House	39 Upper Street	Lot 1, DP 400042	Local	I611
Bega	House	41 Upper Street	Lot 1, DP 949106	Local	I612
Bega	Bungalow and palm tree	47 Upper Street	Lot 3, DP 1114503	Local	I613
Bega	House, "Kookaburra"	58 Upper Street	Lot 7, DP 668234	Local	I605
Bega	Cottage	93 Upper Street	Lot 1, DP 948040	Local	I614
Bega	Cottage	95 Upper Street	Lot 9, DP 603596	Local	I615
Bega	Cottage	99 Upper Street	Lot 1, DP 1092885	Local	I617
Bega	Cottage	101 Upper Street	Lot 2, DP 105671	Local	I618
Bega	Cottage	108 Upper Street	Lot 1, DP 891	Local	I606
Bega	Cottage	113 Upper Street	Lot 6, Section 3, DP 357	Local	I621
Bega	Cottage	124 Upper Street	Lot C, DP 395241	Local	I608
Bega	Cottage	126 Upper Street	Lot B, DP 395241	Local	I609
Bemboka	Christ Church Anglican church	51–57 Bemboka Street	Lots 4 and 5, Section 2, DP 758087	Local	I112
Bemboka	Bemboka Primary School—classrooms/ administration building (circa 1933) and residence (circa 1915)	35–45 Kameruka Street	Lot 186, DP 729701	Local	I117
Bemboka	Police station building	35–39 Loftus Street	Lots 6–8, Section 13, DP 758087	Local	I120
Bemboka	Former police station	46–48 Loftus Street	Lot 6, Section 8, DP 758087	Local	I111



Bemboka	Worland's Boarding House	58 Loftus Street	Part Lot 8, Section 7, DP 758087	Local	I114
Bemboka	Cottage	61 Loftus Street	Lot 2, DP 736817	Local	I701
Bemboka	Lyttleton	62 Loftus Street	Lot B, DP 367518	Local	I702
Bemboka	Alcock & Sons Butchers (former)	63 Loftus Street	Lot 1, DP 736817	Local	I699
Bemboka	Weatherboard worker's cottage	64 Loftus Street	Lot A, DP 367518	Local	I700
Bemboka	Post office	68 Loftus Street	Lot 62, DP 229077	Local	I697
Bemboka	Former shop	69 Loftus Street	Lot 1, Section 12, DP 758087	Local	I703
Bemboka	Hardware store	70–72 Loftus Street	Lots 10 and 11, Section 6, DP 758087	Local	I115
Bemboka	Hobb's Store (1889), cottage (circa 1890) and storage shed	71–73 Loftus Street	Lot 5, Section 11, DP 758087; Lot 14, DP 805581	Local	I113
Bemboka	Natural Energy Centre	76–78 Loftus Street	Lots 7 and 8, Section 6, DP 758087	Local	I777
Bemboka	Cafe—formerly Miss Foster's	79–81 Loftus	Lot 13, DP 805581	Local	I114
Bemboka	Bemboka War Memorial	91 Loftus Street		Local	I110
Bemboka	St Columba's Catholic Church	121 Loftus Street	Lots 6, 11 and 12, Section 12, DP 94; Lot 32, DP 575103	Local	I116
Bemboka	Kenya Homestead	134 Loftus Street	Lot 1, Section 1, DP 943	Local	I119
Bemboka	Brown Mountain Power Station	Rutherford Creek (Brown Mountain)	Lot 1, DP 746820	Local	I030
Bemboka	Bemboka Butter Factory (former)	2712 Snowy Mountains Highway	Lot 4, DP 605881	Local	I118
Bemboka	Farmhill homestead, "Clydebank"	3120 Snowy Mountains Highway	Lot 137, DP 1125126	Local	I109
Bermagui	"Kenilworth"	22 George Street	Lot 672, DP 805496	Local	I121
Bermagui	Bermagui War Memorial	Lamont Street	Lot 7059, DP 1056341	Local	I130
Bermagui	Bermagui Wharf remains	Lamont Street	Lot 7307, DP 1128710	Local	I706
Bermagui	Sorrento Lodge	2–6 Lamont Street	Lot 10, Section 8, DP 758095; Lot 2, DP 335304	Local	I125
Bermagui	Horseshoe Bay Hotel	10 Lamont Street	Lots 7 and 8, Section 8, DP 758095	Local	I131
Bermagui	Blue Pool	Scenic Drive	Lot 7022, DP 1055107	Local	I124
Bermagui	Bermagui Cemetery	Tathra-Bermagui Road	Lot 7044, DP 1020269	Local	I658



Bermagui	Police residence	4 Wallaga Street	Lot 5, DP 1102635	Local	I128
Bermagui	All Saints Anglican Church	11 Wallaga Street	Lot 10, Section 9, DP 758095	Local	I127
Bermagui	Shop	3 Wallaga Lake Road	Lot 80, DP 608101	Local	I129
Bermagui	School building (circa 1903) and tree (pinus species)	6 Wallaga Lake Road	Lots 1 and 3, Section 1, DP 758094	Local	I778
Bermagui	Union Church	5 West Street	Lot 3, Section 5, DP 758095	Local	I123
Boydton	Seahorse Inn, Boydton's church and grave sites, salting down house/store site, boiling down works	87 Boydton Park Road	Lot 2, DP 259742; Lot 44, DP 716162; Lot 13, DP 716162	Local	I031
Brogo	Bridge House and associated buildings	29 Blanchards Road	Lot 1, DP 1097022	Local	I038
Burragate	Cottage	8 Perico Street	Lot 5, Section 12, DP 758197	Local	I668
Candelo	Rosemount, former catholic convent	34 Auckland Street	Lot 9, DP 116613	Local	I141
Candelo	Cottage	39 Auckland Street	Lot B, DP 331287	Local	I692
Candelo	Cottage	3 Candelo Street	Lot 5, Section 2, DP 758219	Local	I694
Candelo	Candelo showground pavilion	Candelo-Bega Road	Lot 177, DP 750201	Local	I139
Candelo	War Memorial	Dr William Loftus Park	Lot 311, DP 750201	Local	I134
Candelo	St Joseph's Catholic Church and Catholic School	11 and 16-18 Kameruka Street	Lots 1 and 2, Section 16, DP 758219; Lot 72, DP 586598; Lot 10, DP 1166138	Local	I140
Candelo	Old hospital	31 Kameruka Street	Lot 3, DP 748550	Local	I691
Candelo	Cottage	32 Kameruka Street	Lot 2, Section 10, DP 758219	Local	I693
Candelo	Cottage	21 Panbula Street	Lot 1, DP 913223	Local	I688
Candelo	Cottage	23 Panbula Street	Lot B, DP 380892	Local	I685
Candelo	Cottage	32 Panbula Street	Lot 3, DP 1000	Local	I770
Candelo	Cottage	4 Queen Street	Lot A, DP 305619	Local	I687
Candelo	Morrows Motor Garage/corner store	7 Sharpe Street	Lot 221, DP 1076430	Local	I153
Candelo	Candelo Hotel	9-11 Sharpe Street	Lots 11 and 12, Section 4, DP 758219	Local	I152
Candelo	Inter-war building	15 Sharpe Street	Lot 1, DP 909978	Local	I696



Candelo	Buildings (former commercial bank and blacksmiths shop)	23 Sharpe Street	Lot 71, DP 1102643	Local	I150
Candelo	Buildings (former T Thomas stores)	25 Sharpe Street	Lot 14, Section 6, DP 758219	Local	I149
Candelo	Building	27 Sharpe Street	Lot 13, DP 667664	Local	I133
Candelo	St Peter's Anglican Church	3-7 William Street	Lots 1-3, Section 42, DP 758219	Local	I142
Candelo	The Barton's	28 William Street	Lot 2, Section 14, DP 758219	Local	I690
Candelo	Cottage (former CBC Bank)	36 William Street	Lot 2, DP 910721	Local	I143
Candelo	Candelo School of Arts	38 William Street	Lot 1, Section 13, DP 758219	Local	I146
Candelo	Candelo Service Station	40 William Street	Lot 2, Section 13, DP 758219	Local	I686
Candelo	Building (former Queens Hotel)	46 William Street	Lot 7, DP 522817	Local	I144
Candelo	General store	48 William Street	Lot 5, Section 13, DP 758219	Local	I147
Candelo	Post office	52-54 William Street	Lot 1, DP 1000	Local	I148
Candelo	Police station	58 William Street	Lot 1, Section 31, DP 758219	Local	I689
Cobargo	Residence	3 Avernus Street	Lot 8, Section 26, DP 2591	Local	I173
Cobargo	Residence (Dippity Dip)	73 Avernus Street	Lots 5 and 6, Section 11, DP 2591	Local	I202
Cobargo	Cottage	3 Bega Street	Lot 3, Section 1, DP 1460	Local	I649
Cobargo	Cottage	5 Bega Street	Lot 4, Section 1, DP 1460	Local	I662
Cobargo	Building	2-6 Bermagui Road	Lot 16, DP 665637	Local	I039
Cobargo	CWA	5 Bermagui Road	Lot 11, DP 519003	Local	I728
Cobargo	Building (Shekina Gallery)	7 Bermagui Road	Lot 121, DP 627263	Local	I162
Cobargo	Building (Ex AJS Bank)	8 Bermagui Road	Lot 1, DP 1169111	Local	I166
Cobargo	Building (Telefix)	9 Bermagui Road	Lot 122, DP 627263	Local	I163
Cobargo	School of arts	18 Bermagui Road	Lots 1, 2, 23 and 24, Section 7, DP 485	Local	I158
Cobargo	Cottage	19 Bermagui Road	Lot 7, Section 5, DP 485	Local	I722
Cobargo	Police residence	24-26 Bermagui Road	Lots 4 and 5, Section 7, DP 485	Local	I733



Cobargo	Cottage	35 Bermagui Road	Lot 2, Section 3, DP 485	Local	I709
Cobargo	Cottage	39 Bermagui Road	Lot 1, Section 9, DP 2591	Local	I710
Cobargo	Cottage	46 Bermagui Road	Lot 3, Section 2, DP 485	Local	I711
Cobargo	Bungalo	8 Cobargo Street	Lot 22, Section 7, DP 485	Local	I715
Cobargo	Cobargo Butter Factory and Co-op	1464 Cobargo-Bermagui Road	Lot 5, DP 926970; Lot 1, DP 921189	Local	I205
Cobargo	Christ Church	5-11 Hoyer Street	Lots 6-9, Section 19, DP 2591	Local	I211
Cobargo	Residence	15 Hoyer Street	Lots 2 and 3, Section 20, DP 2591	Local	I172
Cobargo	Building	19 Hoyer Street	Lot 454, DP 835384	Local	I712
Cobargo	Residence	30 Hoyer Street	Lot 10, Section 17, DP 2591	Local	I174
Cobargo	Residence	32 Hoyer Street	Lot 11, Section 17, DP 2591	Local	I175
Cobargo	Cobargo Cemetery	Princes Highway	Lots 158, 159 and 161, DP 752154	Local	I779
Cobargo	Hotel	Princes Highway	Lot 1, DP 1027919	Local	I730
Cobargo	Residence	31 Princes Highway	Lot 3, Section 18, DP 2591	Local	I171
Cobargo	Cottage	32-34 Princes Highway	Lot 1, DP 900120	Local	I718
Cobargo	Cottage	37 Princes Highway	Lot 1, Section 1, DP 485	Local	I714
Cobargo	Cottage	42 Princes Highway	Lot 11, Section C, DP 623	Local	I716
Cobargo	RSL Hall and Cobargo Soldiers Memorial	43-45 Princes Highway	Lots 1 and 2, Section 6, DP 485	Local	I165
Cobargo	Residence	50 Princes Highway	Lot 2, DP 1072294	Local	I169
Cobargo	Cobargo Service Station	53 Princes Highway	Lot 6, Section 6, DP 485	Local	I154
Cobargo	Gosch House	55 Princes Highway	Lots 7 and 15, Section 6, DP 485	Local	I161
Cobargo	Cobargo Post Office	57 Princes Highway	Lot 81, DP 860010	Local	I206
Cobargo	Cobargo Newsagency	58-60 Princes Highway	Lots 8 and 9, DP 1134	Local	I159
Cobargo	The Grain Store	59 Princes Highway	Lot 1, DP 306281	Local	I164
Cobargo	Cobargo Pharmacy	62 Princes Highway	Lot 7, DP 1134	Local	I155
Cobargo	Bangles Pottery	66 Princes Highway	Lot 5, DP 1134	Local	I723
Cobargo	Simply Cobargo Tea Room	72 Princes Highway	Lot 2, DP 1134	Local	I156
Cobargo	The Benny Buildings	74 Princes Highway	Lot 8, DP 1005702	Local	I157



Cobargo	The Gables	22–24 Tarlinton Street	Lot 1, DP 807669	Local	I176
Cobargo	House (former Roman Catholic school)	Wandellow Road	Lot 3, DP 622515,	Local	I209
Cobargo	Roman Catholic church	Wandellow Road	Lot 1, DP 537792	Local	I167
Cobargo	Roman Catholic convent	Wandellow Road	Lot 4, DP 622515	Local	I168
Cobargo	Residence	4 Wandellow Road	Lot 1, Section B, DP 623	Local	I203
Cobargo	Residence	5 Wandellow Road	Lot 3, DP 794010	Local	I204
Cobargo	Cobargo Public School —classrooms (circa 1898 and 1930)	20–40 Wandellow Road	Lot 1, DP 541840; Lot 71, DP 752154; Lot 1, DP 122995	Local	I210
Cuttagee	Cuttagee Bridge	Tathra-Bermagui Road		Local	I655
Eden	Eden Cemetery	Aslings Beach Road	Lot 7028, DP 1071941; Lots 1 and 2, DP 134746	Local	I766
Eden	Aslings Beach Rock Pool (formerly Eden Memorial Swimming Pool)	Corner of Bass Street and Hosies Road	Part of Lot 22, DP 750205; Crown reserve R580070	Local	5063837
Eden	Hopetoun House	3–5 Bass Street	Lot A, DP 163156; Lot D, DP 164277	Local	I216
Eden	Eden Log Cabin Library	38 Bass Street	Lot 4, DP 225627	Local	I040
Eden	Mary McKillop Hall (former Star of The Sea Church)	86–90 Calle Calle Street	Lots 1–3, Section 45, DP 758379	Local	I218
Eden	St John’s Anglican Church	98 Calle Calle Street	Lot 4, DP 740471	Local	I217
Eden	Cottage	10 Chandos Street	Lot 20, DP 794186	Local	I758
Eden	St Georges Uniting Church	16B–18 Chandos Street	Lot 92, DP 709087	Local	I215
Eden	House (former courthouse)	2 Cocora Street	Lot 15, Section 1, DP 758379	Local	I043
Eden	Cottage	12 Flinders Street	Lot 5, DP 569206	Local	I754
Eden	Eden Public School —school building (circa 1857)	124 Imlay Street	Lot 5, Section 22, DP 758379	Local	I616
Eden	Hotel Australasia	142–144 Imlay Street	Lot 14, DP 250841	Local	5063838
Eden	Shop with art deco parapet	146 Imlay Street	Lot 16, DP 250841	Local	I760
Eden	Eden Post Office (former)	155–157 Imlay Street	Lots 41 and 42, DP 1040259	Local	I214
Eden	The Great Southern Inn	156–158 Imlay Street	Lot 1, DP 743230	Local	I051
Eden	Matt Howard’s store	178 Imlay Street	Lot 122, DP 1027835	Local	I041



Eden	Eden Killer Whale Museum	182 Imlay Street	Lot 1, Section 6, DP 758379; Lot 1, DP 48609	Local	I762
Eden	Former Bank of NSW	213 Imlay Street	Lot B, DP 412563	Local	I213
Eden	Anchor	221 Imlay Street	Lot 5, Section 2, DP 758379	Local	I212
Eden	Eden police station building	229 Imlay Street	Lot 22, DP 602200	Local	I042
Eden	Eden Courthouse	231 Imlay Street	Lot 8, Section 1, DP 758379	Local	I044
Eden	House	233 Imlay Street	Lot 7, DP 553117	Local	I045
Eden	Building	237 Imlay Street	Lot 11, DP 845340	Local	I046
Eden	The Crown and Anchor Inn	239 Imlay Street	Lot 1, DP 1033082	Local	I047
Eden	Georgian building and shop	243 Imlay Street	Lot 1, DP 731580	Local	1100051
Eden	Cottage	2 Mitchell Street	Lot 21, DP 385394	Local	I755
Eden	Victorian cottage	7 Mitchell Street	Lot 2, DP 21273	Local	I764
Eden	Cottage	46 Mitchell Street	Lot 21, DP 304961	Local	I751
Eden	Dar El and trees in garden	50 Mitchell Street	Lots 5 and 6, Section 19, DP 758379	Local	I767
Eden	Council offices	114–116 Mitchell Street	Lot 1, DP 1037443	Local	I753
Eden	Thompsons Point Baths	Weecoon Street	Part of Lot 2, DP 747363	Local	1100813
Edrom	Bittangabee ruins	Bittangabee Bay, Ben Boyd National Park	Lot 25, DP 750239	Local	I050
Edrom	Davidson's Whaling Station and associated buildings	Boyd Road	Lot 41, DP 750213; Lot 61, DP 750213	State	I049
Edrom	Edrom Lodge and associated buildings	Off Edrom Road	Lot 15, DP 1066187	Local	I037
Edrom	Boyd's Tower	Off Edrom Road	Lot 1, DP 75571	Local	I033
Frogs Hollow	Ayrdale Dairy Village	297 Wanatta Lane	Lot 36, DP 787823	Local	I187
Greencape	Greencape Lighthouse and residences group	Ben Boyd National Park	Lot 2, DP 811812; Lot 2, DP 847755	Local	I053
Griegs Flat	Pambula Goldfield	4 kilometres south-southwest of Pambula in Ben Boyd National Park		Local	I228
Griegs Flat	Farm cottage with red roof	Princes Highway	Lot 711, DP 1128593	Local	I670
Griegs Flat	Yowaka Bridge	Princes Highway		State	I052
Kalaru	Brickworks		Lot 3, DP 1174727	Local	I746



Kameruka	Holy Trinity Church and cemetery	Candelo-Bega Road	Lot 2, DP 979162; Lot 140, DP 1064610	Local	I137
Kameruka	Kameruka Group including store, hall, gate lodge, tower clock, homestead and out buildings	Kameruka Road	Lot 141, DP 1064610	Local	I138
Kiah	Roman Catholic church building (former)	Princes Highway	Lot 68, DP 750223	Local	I219
Lochiel	Building, "Fenton"	67 Blairlands Road	Lot 8, DP 263044	Local	I072
Lochiel	Cobandrah Farm	300 Mt Darragh Road	Lot 18, DP 32269	Local	I252
Merimbula	Mitchie's wharf and shed	Fishpen		Local	I055
Merimbula	Fishermen's lookout	Lake Street		Local	I653
Merimbula	Residence	2 Main Street	Lot 51, DP 16678	Local	I222
Merimbula	Residence	45 Main Street	Lots 42 and 43, DP 37534	Local	I223
Merimbula	Old School Museum	85-87 Main Street	Lots 670 and 671, DP 1048136	Local	I054
Merimbula	Twyford Hall	16 Market Street	Lot 511, DP 818052	Local	I221
Merimbula	Trolley way, Mirador tramway, Pages Creek dam	off Mirador Drive	Lot 388, DP 1124839	Local	I734
Merimbula	"Courunga", house and grounds	20 Monaro Street	SP 21721	State	I057
Merimbula	Merimbula wharf and cargo sheds	Wharf Street on Long Point	Lot 475, DP 728039	Local	I055
Millingandi	"Greenpoint" house and sheds	71 Greenpoint Road	Lot 281, DP 1048627	Local	I056
Mogareeka	Tathra survey marker (carved tree trunk on side of road)	411 Tathra-Bermagui Road	Lot 1, DP 614313	Local	I666
Murrah	Murrah River Bridge	Tathra-Bermagui Road		Local	I656
Murrah	Murrah Hall	Tathra-Bermagui Road	Lot 85, DP 752153	Local	I225
Nethercote	Nethercote Hall	Nethercote Road	Lot 4, DP 821408	Local	I226
New Buildings	New Buildings Bridge	New Buildings Road		State	I260
Nungatta	Nungatta Station	1551 Nungatta Road	Lot 10, DP 750206	Local	I261
Pambula	Catholic presbytery (former)	14 Bega Street	Lot 11, DP 1114693	Local	I069
Pambula	Single storey building	5 Bullara Street	Lot 232, DP 787642	Local	I230
Pambula	Stone cottage	6 Bullara Street	Lots 521, DP 1002299	Local	I065
Pambula	Woodlands house	8 Bullara Street	Lot 51, DP 591734	Local	I231



Pambula	Cottage	4 Ives Street	Lot 41, DP 1020000	Local	I783
Pambula	Cottage	1 Little Gahan Street	Lot 8, DP 938348	Local	I250
Pambula	Weatherboard cottage	3 Little Gahan Street	Lot 7, DP 938348	Local	I748
Pambula	Pambula town wells	Merimbola Street	Lot 4, DP 1077645	Local	I073
Pambula	Weatherboard cottage	15 Merimbola Street	Lot 7, DP 770635	Local	I749
Pambula	Cottage	11 Monaro Street	Lot 18, Section 16, DP 758825	Local	I247
Pambula	St Peter's Roman Catholic Church	12 Monaro Street	DP 758825; Lot 20, Section 15, DP 758825	Local	I067
Pambula	Teacher cottage	19 Monaro Street	Lot 15, Section 11, DP 758825	Local	I066
Pambula	Baddeley's Cottage	26 Monaro Street	Lot 5, Section 12, DP 758825	Local	I674
Pambula	Pambula Cemetery	Munje Street	Lot 701, DP 1032143	Local	I659
Pambula	Racecourse, grandstand, show pavilion and associated buildings	Munje Street	Lot 1, DP 1064736; Lot 7010, DP 1020049	Local	I227
Pambula	Memorial Casuarina tree planting	Princes Highway (Pambula River Flats)		Local	I782
Pambula	Old Pambula Cemetery	Princes Highway	Lot 225, DP 750227	Local	I059
Pambula	Building (McPhersons Drapery)	33 Princes Highway	Lot 31, DP 861207	Local	I235
Pambula	"Oaklands", associated outbuildings and grounds	3546 Princes Highway	Lot 382, DP 1027113	State	I074
Pambula	Cottage	11 Quondolo Street	Lots 1 and 2, DP 999772	Local	I238
Pambula	Pambula School of Arts	13 Quondolo Street	Part Lot 19, Section 40, DP 758825	Local	I244
Pambula	Weatherboard house	15 Quondolo Street	Lot 20, DP 1117048	Local	I780
Pambula	Timber cottage	16 Quondolo Street	Lot 51, DP 777274	Local	I229
Pambula	The Commercial Hotel	18 Quondolo Street	Lot 11, Section 11, DP 758825	Local	I062
Pambula	Pambula Butchery	21 Quondolo Street	Lot 13, DP 777556	Local	I673
Pambula	Building	22 Quondolo Street	Lot 9, DP 69009	Local	I245
Pambula	Pambula War Memorial	In front of 22 Quondolo Street		Local	I781
Pambula	"The Retreat", building	26-30 Quondolo Street	Lot 567, DP 629965	Local	I061
Pambula	Goddard's Motors	29 Quondolo Street	Lot 1, DP 794988	Local	I672
Pambula	Pambula Milk Bar	31 Quondolo Street	Lot 2, DP 995491	Local	I671



Pambula	Christ Church Anglican church	32 Quondolo Street	Lot 1, DP 237308	Local	I234
Pambula	Cottage	30 Toallo Street	Lot 1, DP 986277	Local	I240
Pambula	Masonic temple	40 Toallo Street	Lot 14, Section 11, DP 758825	Local	I064
Pambula	Courthouse and police station	42 Toallo Street	Lot 7, Section 12, DP 758825	Local	I060
Pambula	Cottage	47 Toallo Street	Lot 211, DP 1081006	Local	I248
Pambula	Cottage	49 Toallo Street	Lots 1 and 2, DP 780517	Local	I242
Pambula	Cottage	51 Toallo Street	Part Lot 2, DP 785477	Local	I241
Pambula	Building (Toad Hall)	55 Toallo Street	Lot 22, DP 1160465	Local	I068
Pambula	Cottage	65 Toallo Street	Lot 212, DP 1014709	Local	I251
Pambula	Weatherboard cottage	67 Toallo Street	Lot 211, DP 1014709	Local	I675
Quaama	Quaama store	2–6 Bega Street	Lots 12 and 13, Section 3, DP 758860	Local	I254
Quaama	St Saviours Church	1 Cobargo Street	Lot 1, Section 2, DP 758860	Local	I255
Quaama	Quaama School of Arts	2 Cobargo Street	Lot 1, Section 3, DP 758860	Local	I075
Quaama	House	25–27 Cobargo Street	Lot 3, Section 5, DP 758860; Lot 1, DP 318028	Local	I256
Quaama	Weatherboard cottage	32 Cobargo Street	Lot 4, Section 4, DP 758860	Local	I708
Quaama	Quaama Primary School (former residence, circa 1889, and classrooms, circa 1885)	48 Cobargo Street	Lot 173, DP 821625	Local	I253
Quaama	Quaama Cemetery	Orient Street	Lots 7012 and 7013, DP 1055119; Lot 7008, DP 1055121	Local	I660
Rocky Hall	Old Rocky Hall School	1325 Big Jack Mountain Road	Lot 42, DP 750204	Local	I259
Rocky Hall	Slab house	1464 Big Jack Mountain Road	Lot 42, DP 750243	Local	I667
Rocky Hall	Hall	1474 Big Jack Mountain Road	Lots 17 and 18, DP 2141	Local	I258
South Pambula	Building (former Roan Horse Inn)	2–4 Mount Darragh Road	Lot 11, DP 843957	Local	I070
South Pambula	Cottage and building (former Pambula Co-operative Creamery Dairy Co Ltd)	256 Mount Darragh Road	Lot 1, DP 797291	Local	I243



South Pambula	The Grange building	Northview Drive	Lot 2, DP 705648	Local	I071
South Wolumla	Glenall Homestead	South Wolumla Road	Lot 921, DP 1068957	Local	I136
South Wolumla	South Wolumla Butter Factory complex	South Wolumla Road	Lot 1, DP 1036239	Local	I189
Tanja	Tanja Community Hall	Barrabooka Road	Lot 1, DP 951780	Local	I178
Tanja	Tanja Public School (former residence, circa 1885, and classroom, circa 1925)	7 Tathra-Bermagui Road	Lot 202, DP 752158	Local	I177
Tarraganda	Daisybank homestead and associated outbuildings	210 Reedy Swamp Road	Lot 48, DP 1127587	Local	I076
Tarraganda	Eastwood Homestead	507 Tarraganda Road via Bega	Lot 5, DP 700458	Local	I179
Tarraganda	Tarraganda Homestead	48 Wren-Moore Road	Lot 1, DP 1059299	Local	I077
Tathra	Tathra War Memorial	Bega Street	Road reserve	Local	I654
Tathra	Tathra Hotel	8–12 Bega Street	Lot 30, DP 606559	Local	I182
Tathra	Harbour Master's Restaurant	15–17 Bega Street	Lot 11, DP 593290	Local	I183
Tathra	Roman Catholic church	19 Bega Street	Lot 12, DP 1110126	Local	I078
Tathra	The Haven	25 Bega Street	Lot 1, DP 384456	Local	I743
Tathra	Tathra Lodge	27 Bega Street	Lot 14, DP 397677	Local	I744
Tathra	Tathra Grocery Store	32 Bega Street	Lot 3, DP 17280	Local	I181
Tathra	Victorian weatherboard cottage	52 Bega Street	Lot 1, DP 414459	Local	I745
Tathra	Brick dwelling	56 Bega Street	Lot 10, Section 13, DP 758955	Local	I742
Tathra	Brick federation house	58 Bega Street	Lot 1, Section 22, DP 758955	Local	I741
Tathra	Tathra bunker	Wharf Road	Lot 7012, DP 1071331	Local	I669
Tathra	Tathra wharf and building	Wharf Road	Lot 241, DP 750236	State	I079
Toothdale	Collinswood Homestead	1339 Candelo- Wolumla Road	Lot 200, DP 750201	Local	I132
Towamba	Cottage	6 Manning Street	Lot 3, Section 6, DP 758992	Local	I669
Towamba	House and associated buildings	165 Pericoe Road	Lot 178, DP 261496	Local	I186
Towamba	Towamba Bridge	Towamba Road		Local	I784
Towamba	Old Towamba General Store	2474 Towamba Road	Lot 1, DP 797890	Local	I185



Towamba	St Pauls Community Church	4 Towamba Street	Lot 2, Section 6, DP 758992	Local	I080
Towamba	Towamba Public School (former residence, circa 1885, and administration building, circa 1890)	7-9 Towamba Street	Lot 1, Section 5, DP 758992	Local	I184
Wallaga Lake	Merrimans Island	Wallaga Lake		Local	I670
Wallaga Lake	Montreal Goldfields	Wallaga Lake Road	Lot 243, DP 752130	Local	I665
Wallaga Lake	Wallaga Lake Bridge	Wallaga Lake Road		Local	I126
Wapengo	Ness property	343 Wapengo Lake Road	Lots 17-19, 51 and 52, DP 752165; Lot 2, DP 536123	State	I081
Whipstick	Whipstick Molybdenum Mine	Mt Darragh Road (Nullica/Gnupa State Forest)		Local	I668
Wolumla	Former police station	4 Bega Street	Lots 251, DP 750238	Local	I191
Wolumla	Wolumla Anglican Church	15-19 Bega Street	Lot 71, DP 598519	Local	I190
Wolumla	Cottage on rise	22 Mine Street	Lot 67, DP 750238	Local	I683
Wolumla	Roman Catholic church	1-5 Scott Street	Lot 3, DP 1270	Local	I192
Wolumla	Dwelling	14 Scott Street	Lot 12, Section 2, DP 3808	Local	I774
Wolumla	Weatherboard cottage	15 Scott Street	Lot 1, DP 1120352	Local	I773
Wolumla	Former post office	28 Scott Street	Lot 5, Section 2, DP 3808	Local	I776
Wolumla	Dwelling	30 Scott Street	Lots 3 and 4, Section 2, DP 3808	Local	I775
Wolumla	Dwelling	34 Scott Street	Lot 2, Section 2, DP 3808	Local	I785
Wolumla	Wolumla Community Hall	36 Scott Street	Lot 1, Section 2, DP 3808	Local	I681
Wolumla	Craft shop	41 Scott Street	Lot 6, Section 1, DP 20265	Local	I679
Wolumla	Dwelling	45-47 Scott Street	Lot 13, DP 264085	Local	I678
Wolumla	Weatherboard cottage	75 Scott Street	Lot 6, DP 3833	Local	I682
Wolumla	South Wolumla Butter Factory complex	South Wolumla Road	Lot 1, DP 385392; Lot 152, DP 625455	Local	I189
Wyndham	Holy Trinity Anglican Church	22 Clarke Street	Lot 12, Section 29, DP 759125	Local	I195
Wyndham	School of Arts hall	26 Clarke Street	Lot 10, Section 29, DP 759125	Local	I193
Wyndham	Wyndham Police Station (former)	10 Gordon Street	Lot 1, DP 40010	Local	I664



Wyndham	Cottage	18 Gordon Street	Lot 7, Section 29, DP 759125	Local	I666
Wyndham	Wyndham War Memorial	Monaro Street	Lot 6, Section 29, DP 759125	Local	I196
Wyndham	Robbie Burns Hotel	22 Monaro Street	Lot 22, DP 810052	Local	I197
Wyndham	Wyndham Public School (library and former residence, circa 1892)	31 Monaro Street	Lots 14, 15, 16 and 17, Section 40, DP 759125	Local	I771
Wyndham	Weatherboard dwelling	53 Monaro Street	Lot 16, Section 41, DP 759125	Local	I665
Wyndham	Pretty Point Bridge	New Buildings Road		Local	I058
Wyndham	Residence, "Greenmount"	7 New Buildings Road	Lot 7, DP 717419	Local	I201
Wyndham	Residence, "Scots Hut"	207 New Buildings Road	Lot 1001, DP 710457	Local	I200
Wyndham	St Joseph's Roman Catholic Church	11 Norwood Street	Lot 15, Section 29, DP 759125	Local	I194
Wyndham	Wyndham Cemetery	Oak Street	Lots 1 and 2, DP 1124877; Lots 1 and 2, DP 1125129; Lot 7011, DP 1054919	Local	I661
Wyndham	Residence	7 Oak Street	Lot 110, DP 877495	Local	I198

Part 2 Heritage conservation areas

Description	Identification on Heritage Map	Significance
Bega Commercial Conservation Area	Shown by red hatching and labelled "C680"	Local
Bega Street Conservation Area	Shown by red hatching and labelled "C678"	Local
Burragate Conservation Area	Shown by red hatching and labelled "C675"	Local
Candelo Main Street Conservation Area	Shown by red hatching and labelled "C673"	Local
Canning Street Conservation Area	Shown by red hatching and labelled "C679"	Local
Cobargo Main Street Conservation Area	Shown by red hatching and labelled "C685"	Local
Cobargo Roman Catholic Conservation Area	Shown by red hatching and labelled "C674"	Local
Pambula Main Street Conservation Area	Shown by red hatching and labelled "C677"	Local
Peden Street Conservation Area	Shown by red hatching and labelled "C682"	Local



Tathra Conservation Area	Shown by red hatching and labelled “C683”	Local
Tathra Headland Conservation Area	Shown by red hatching and labelled “C684”	Local
Upper Street Conservation Area	Shown by red hatching and labelled “C681”	Local
Wolumla Conservation Area	Shown by red hatching and labelled “C672”	Local
Wyndham Conservation Area	Shown by red hatching and labelled “C676”	Local

Part 3 Archaeological sites

Suburb	Item name	Address	Property description	Significance	Item no
Nil					

Part 4 Aboriginal place of heritage significance

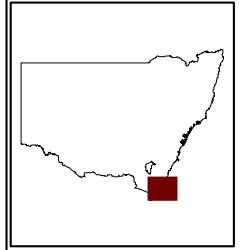
Suburb	Place name	Address	Property description	Significance	Item no
Bermagui	Bermagui Waterholes			Local	AH686
Mumbulla Mountain	Mumbulla Mountain			Local	AH671
Wallaga Lake	Merriman Island			Local	AH670



Key fish habitat

Key Fish Habitat

BEGA VALLEY



Source: data from the Australian Geoscience, NSW DPI, NSW DECC and NSW LPI
Datum: Geocentric Datum of Australia (GDA)
Grid: Mapping Grid of Australia (MGA94)

The State of New South Wales, the Department of Primary Industries, its employees, officers, agents or servants are not responsible for the result of any actions taken on the basis of the information contained on the map, or for any errors, omissions or inaccuracies that may occur on this map.



Prepared by GIS section, Fisheries Ecosystems Branch, Division of Agriculture & Fisheries, NSW DPI.

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Kilometres



Legend

-  MidWestern Key Fish Habitat
-  Major rivers

