

Transport
for NSW

Regional Rail – Auburn Heavy Maintenance Centre Testing and Commissioning

Environmental impact assessment
checklist

May 2024



transport.nsw.gov.au

Document review tracking

Version No.	Date	Prepared by	Reviewed by	Comments
1	22/05/2024	Redacted	Redacted	Draft issued for review
2	21/08/2024	Redacted	Redacted	Final issued for approval

Environmental impact assessment checklist

Table of contents

1.	Details of the proposal	4
2.	Description of proposed activity	4
3.	Site characteristics.....	5
4.	Control measures	7
5.	Legislative framework.....	7
6.	Engagement	8
6.1	SEPP (Transport and Infrastructure) consultation.....	8
6.2	Community engagement.....	9
7.	Impact assessment.....	10
7.1	Construction.....	10
7.2	Operations.....	12
8.	Certification.....	21
9.	Project approvals	22
9.1	Planning approvals.....	22
9.2	Environmental approvals	22
9.3	Endorsement by Senior Environment & Sustainability Representative	22
9.4	Decision statement.....	23
10.	Abbreviations	24
11.	Definitions.....	25
Appendix A: Consideration of Section 171 Environmental Factors		26
Appendix B: Consideration of Commonwealth environmental factors		30

1. Details of the proposal

Proposal	Details
Proposal name	Regional Rail – Auburn Heavy Maintenance Centre Testing and Commissioning
Location	Auburn Heavy Maintenance Centre (Appendix C)
Timeframe	Storage and testing within the yard will be undertaken for a period of up to 24 months (from approximately mid-late 2024 until late-2028).

2. Description of proposed activity

Scope of works

The Proposal is for the storage and testing of rolling stock (one set at any one time) within a portion of the Auburn Heavy Maintenance Centre (the Proposal site), as detailed in Appendix C. Activities within the Proposal site will comprise of:

- Approximately 2 to 4 train movements per day within the yard and onto the rail network for testing and commissioning activities up to 7 days per week in coordination with Sydney Trains.
Movements would:
 - Utilise direct access to the rail network from the Projects Workshop (Location 6 in Appendix C)
 - Utilise the access to the network adjacent to the Crescent for operating hours only i.e. leaving and returning to the Proposal site between 0500 and 0000 (Location 7 in Appendix C).
 - Horn use, as required by the maintenance facility when entering an existing rail network and testing within the Project Workshop.
- Storage of rolling stock within Proposal site, where available as coordinated with Sydney Trains.
- Train ballasting including the loading and unloading of sandbags onto trains to create appropriate loading for testing activities. Sandbags would be stored within the Proposal site in a secure weather-proof location.
- Minor maintenance activities (“running repairs”) including graffiti removal, replacement of brake pads, and oil change, within the yard.
- Instrumentation testing within and around the train.
- Diesel refuelling as required within refuelling area by mobile fuel truck.
- Office-based activities including use of meal room and amenities.

It is noted that this EIA Checklist assesses impacts within the Proposal site only outlined in Appendix C. Testing and commissioning on the metropolitan rail network will be governed by an Environment Protection Licence.

There is no construction work associated with the Proposal.

Background and need

TfNSW is proposing to utilise part of the Auburn Heavy Maintenance Centre to store and test the new Regional Rail rolling stock. While the Mindyarra Maintenance Centre, a newly constructed maintenance facility in Dubbo, provides a dedicated space for the maintenance of the new Regional Rail fleet, the Proposal site was determined to be a more convenient location for pre-operational testing of the bi-mode capability on Sydney’s metropolitan electrical rail network. The availability, timing and frequency of rail

possessions in Sydney was also determined to be more feasible for pre-operational testing over the Mindyarra Maintenance Centre.

Operational duration and working hours

Storage and testing within the yard would be undertaken for a period of up to 24 months (from approximately mid-late 2024 until late-2026). Timing for rolling stock movements are as outlined above. Train ballasting, maintenance and instrumentation testing would occur during the operating hours of the maintenance centre (i.e. 0500 and 0000)

Operational plant and equipment

Minimal additional plant and equipment would be required to be brought into the Proposal site, such as testing equipment, and sandbags on pallets for ballasting.

Operational personnel

Testing and commissioning crew would be approximately 20 people per day.

Impacts on utilities/authorities

No impact on utilities/authorities are anticipated for the Proposal.

Wastes generated

Waste generated during the operation of the Proposal would be limited to office waste and general waste from minor maintenance activities.

Hazardous/dangerous goods

No hazardous/dangerous goods are required for operation of the proposal.

3. Site characteristics

Characteristic	Details
Land use	The Proposal is located approximately 20 kilometres from the Sydney CBD within the Cumberland LGA. The Proposal site is located in the Auburn Rail Precinct on land zoned as IN1 General Industrial under the Auburn Local Environmental Plan 2010.
Social context	<p>Surrounding land uses in the study area are summarised below:</p> <ul style="list-style-type: none"> • The adjacent areas to the Proposal site are primarily used for rail operations To the north is Clyde workshops and additional areas of the Auburn Heavy Maintenance Centre, to the east is the rail corridor, and to the west the Auburn Stabling Yard. • Located west of the rail operation sites are industrial properties bordered by Duck River. On the western side of Duck River are primarily low-density residential properties. • Located south are residential properties. South-east is the Auburn town centre, including multi-story residential buildings, commercial and community facilities.
Flora and fauna	<p>Database searches were undertaken to identify State and Commonwealth records of threatened entities and Commonwealth Matters National of Environmental Significance (MNES) that occur or have the potential to occur within 10 kilometres of the proposal boundary. The searches includes:</p> <ul style="list-style-type: none"> • BioNet Atlas of NSW Wildlife, managed by the Department of Planning and Environment, Environment, Energy and Science division (DPE EES) • Commonwealth EPBC Act Protected Matters Search Tool (PMST)

Characteristic	Details
Aboriginal Heritage	<ul style="list-style-type: none"> The Native Vegetation of the Sydney Metropolitan Area map data – Version 3.1 (OEH, 2016) NSW Biodiversity Values Map (DPE EES) <p>The database search results are outlined in Appendix D. There are threatened species that may or are likely to occur within the search area or within 10km of the Proposal site.</p> <p>No threatened species, communities, populations or their habitats are expected to occur within the Proposal site. The Proposal site is within an existing rail yard and warehouses which is highly disturbed.</p> <p>The Proposal site is not located in an area of outstanding biodiversity values as defined under Part 3 of the Biodiversity Conservation Act 2016.</p> <p>An AHIMS search completed in May 2024 noted there were no registered Aboriginal sites or places within Proposed site. There are two registered sites within a 1km buffer, however these are approximately 700m from the Proposal site. The results of these searches are provided in Appendix D.</p>
Non-Aboriginal heritage	<p>A search of the NSW State Heritage Inventory completed in May 2024 noted there were no registered State Heritage within Proposed site. The nearest Auburn Railway Signal Box (SHR 01023), approximately 320 meters south-west from the Proposal site.</p> <p>Under the Auburn Local Environmental Plan 2010, the Clyde Marshalling Yards is listed as an archaeological site (item number A50), as an area of having potential archaeological significance.</p> <p>The Proposal site is also listed on the TAHE Section 170 Heritage and Conservation register (Clyde Railway Yard Remains & Signal Box, SHI 4805747).</p>
Hydrology and flooding	<p>There are no natural waterways located within the Proposal site. The nearest surface water body to the Proposal site in the Duck River, around 550 meters west of the Proposal site. Duck River is located within the Sydney Harbour Catchment and drains directly into Parramatta River, approximately three kilometres north east.</p> <p><u>Flood modelling</u></p> <p>Under the Auburn Local Environmental Plan 2010, the Proposal site is not identified as a flood planning area.</p> <p>Flood modelling undertaken by Cumberland Council, did not identify the site being impacted by 1% annual exceedance probability (AEP) flood events. The land directly adjacent to the south-western corner of the Proposal site is classified as low risk flood area.</p>
Soils and contamination	<p>The Proposal Site is generally flat, with minor variations across the site.</p> <p>Based on investigations undertaken by GHD (Auburn Stabling Project, Review of Environmental Factors, 2010), the Proposal Site is generally fill from 0.5 – 4.5 meters. The fill is underlain by natural silt/shaly clays and shale/laminate/sandstone bedrock.</p> <p><u>Acid sulphate soils</u></p> <p>The NSW eSPADE tool and the Auburn Local Environmental Plan 2010 was used to identify the potential for Acid Sulfate Soils (ASS) at the Proposal site. The Proposal site is mapped as Class 5 ASS risk in the Sydney LEP which is the lowest risk category.</p> <p><u>Contamination</u></p> <p>A search of the NSW Environment Protection Authority's (EPA) contaminated land register was undertaken in May 2024 did not identify active contaminated sites within two kilometres of Proposal site.</p> <p>Railway corridors have the potential to contain various contaminated materials from historical and operational sources. Such sources relate to the long-term operation of the railway and the history of nearby contaminating activities. Possible sources of contamination may include:</p>

Characteristic	Details
	<ul style="list-style-type: none"> leaks and spills from fuels, oils, solvents and lubricants stockpiles of waste materials uncontrolled fill material fuels, oils, wash down solvents, lead and asbestos fines from former train brakes heavy metals and pesticides associated with insect and weed control.

4. Control measures

Characteristic	Yes	No
Will a project and site specific EMP be prepared?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are appropriate control measures already identified in an existing EMP?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5. Legislative framework

The *Environmental Planning & Assessment Act 1979* (EP&A Act) establishes the system of environmental planning and assessment in NSW. Division 5.1 specifies the environmental impact assessment requirements for activities undertaken by public authorities, such as Transport for NSW (Transport), which do not require development consent under Part 4 of the EP&A Act. Division 15, Section 2.92 and Section 2.93 of the *State Environmental Planning Policy (Transport and Infrastructure) 2021* (SEPP (Transport and Infrastructure)) allows for the development of 'rail infrastructure facilities' by or on behalf of a public authority without development consent on any land. Consequently, development consent is not required for the Proposal however, the environmental impacts of the Proposal have been assessed under the provisions of Division 5.1 of the EP&A Act.

Section 171 of the *Environmental Planning & Assessment Regulation 2021* (EP&A Regulation) sets out the environmental factors which must be considered when determining if an activity assessed under Division 5.1 of the *Environmental Planning & Assessment Act 1979* (EP&A) has or is likely to have a significant impact on the environment.

The purpose of this impact assessment checklist is to provide an environmental impact assessment which takes into account to the fullest extent possible all matters affecting or likely to affect the environment by reason of that activity, fulfilling the requirements of section 5.5 of the EP&A Act, the EP&A Regulation and the Guidelines for Division 5.1 Assessments (DPE, 2022). Appendix A specifically responds to the environmental factors for consideration under Section 171 of the EP&A Regulation.

The (Commonwealth) EPBC Act provides a legal framework to protect and manage nationally and internationally important flora, fauna, ecological communities and heritage places - defined in the EPBC Act as 'matters of National Environmental Significance (NES)'. The EPBC Act requires the assessment of whether the Proposal is likely to significantly impact on matters of NES or Commonwealth land. These matters are considered in full in Appendix B.

As the Proposal would not or is not likely to have a significant impact on any matters of NES or on Commonwealth land, a referral to the Commonwealth Minister for the Environment is not required.

6. Engagement

6.1 SEPP (Transport and Infrastructure) consultation

Sections 2.10-2.15 of the SEPP (Transport and Infrastructure) require that public authorities undertake consultation with councils and other agencies when proposing to carry out development without consent. Table 6-1 provides details of consultation requirements and outcomes for the Proposal under the SEPP (Transport and Infrastructure).

Table 6-1: Summary of SEPP (Transport and Infrastructure) consultation requirements

Section	Description	Relevance to the proposal
2.10	Consultation with councils-development with impacts on council-related infrastructure or services	There is no proposed impact to council related infrastructure and services. Therefore, consultation with Council is not required.
2.11	Consultation with councils-development with impacts on local heritage	Under the Auburn Local Environmental Plan 2010, the Clyde Marshalling Yards is listed as an archaeological site (item number A50), as an area of having potential archaeological significance. Operation of the Proposal is within existing building and rail corridor, and does not require any ground disturbance activities. Therefore, no impact to local archaeological or heritage items is required, and consultation with Council is not required.
2.12	Consultation with councils-development with impacts on flood liable land	The Proposal site is not on land identified as susceptible to flooding. The Proposal does not require any physical changes to the site, and would not impact flood patterns. Therefore, consultation with Council is not required.
2.13	Consultation with State Emergency Service-development with impacts on flood liable land	The Proposal site is not on land susceptible to flooding. Therefore, consultation with the SES is not required.
2.14	Consultation with councils-development with impacts on certain land within the coastal zone	The Proposal is not located within the coastal zone. Therefore consultation with Council is not required.
2.15	Consultation with public authorities other than councils	Review of this section of the SEPP determined no additional public authorities require consultation.
2.122	Traffic generating development	The Proposal is not deemed a traffic-generating development. Accordingly, consultation with the relevant division of TfNSW is not required.

6.2 Community engagement

Transport for NSW would communicate and/or engage with residents, businesses, and community members, and other stakeholders in the lead-up to and during construction.

This would help to ensure that:

- the community and stakeholders are notified in advance of any upcoming work, including changes to pedestrian or traffic access arrangements and out of hours construction activities
- accurate and accessible information is made available
- a timely response is given to issues and concerns raised by the community.

The Transport for NSW email address projects@transport.nsw.gov.au, Transport for NSW Infoline (1800 684 490) and 24-hour Construction Response Line (1800 775 465) would continue to be available during the operation of the Project. Targeted notification methods, such as the use of letters, notifications, signage and verbal communications, would be provided when necessary. The Transport for NSW Regional Rail project website <http://www.transport.nsw.gov.au/projects/current-projects/regional-rail>.

7. Impact assessment

7.1 Construction

An environmental impact assessment associated with the construction of the Proposal is provided in Table 7-1.

Table 7-1: Construction impact assessment for the Proposal

Aspect	Nature and extent of impacts (negative and positive) during construction if control measures implemented	Control measures	Endorsed (for Rail Development and Delivery E&S use only)		
			Yes	No	Comments
General	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Flora and fauna	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Water and flooding	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Air quality	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Soils and contamination	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Noise and vibration	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Aboriginal heritage	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Non-Aboriginal heritage	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Community and socioeconomic	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Aspect	Nature and extent of impacts (negative and positive) during construction if control measures implemented	Control measures	Endorsed (for Rail Development and Delivery E&S use only)		
			Yes	No	Comments
Traffic and parking	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Waste and resource management	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Economic	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual and urban design	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Hazard and risk	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Climate change and sustainability	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cumulative impacts	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other [such as landuse, shared heritage and geotechnical]	No construction is required as part of the Proposal.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

7.2 Operations

An environmental impact assessment associated with the operation of the Proposal is provided in Table 7-2.

Table 7-2: Operations impact assessment for the proposal

Aspect	Nature and extent of impacts (negative and positive) during operation if control measures implemented	Control measures	Endorsed (for Rail Development and Delivery E&S use only)		
			Yes	No	Comments
General	Nature and extent of impacts associated with the operation of the Proposal are detailed below. General Environmental Management Control measures would be implemented.	<ol style="list-style-type: none"> 1. Operation of the Proposal would be undertaken in accordance with relevant Sydney Trains environmental procedures. 2. If the scope of the operations changes at any time, review the changes and complete any further requirements prior to carrying out activities associated with the changed scope. 3. All workers would be provided with site induction which will include an environmental section, prior to commencing operation. 4. An Environmental Control Map would be prepared and submitted to TfNSW Environment Representative for approval prior to commencing operation. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Flora and fauna	<p>The Proposal site is within existing buildings and the rail corridor which is highly disturbed. No threatened species, communities, populations or their habitats are expected to occur within the Proposal site.</p> <p>Operation of the Proposal is not anticipated to involve vegetation removal and therefore no impacts to vegetation including threatened ecological communities and threatened flora and fauna are anticipated.</p>	<ol style="list-style-type: none"> 5. There is to be no disturbance or damage to threatened species or areas of outstanding value. 6. Works must be stopped if any previously undiscovered vegetation, threatened species or communities are discovered during works. An assessment of the impact and any required approvals must be obtained. Works must not recommence until TfNSW has provided written approval. 7. The site-specific Environmental Control Map must include instructions for dealing with orphaned or injured native animals and include the contact details for the NSW Wildlife Information, Rescue and Education Service Inc (WIRES). 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Aspect	Nature and extent of impacts (negative and positive) during operation if control measures implemented	Control measures	Endorsed (for Rail Development and Delivery E&S use only)		
			Yes	No	Comments
Water and flooding		<p>8. Should weed control be required, weed control measures, would be developed and implemented as part of the Environmental Control Map to manage the potential dispersal of weeds during the operation of the Proposal. This would include the management and disposal of weeds in accordance with the <i>Biosecurity Act 2015</i>.</p> <p>9. Vegetation shall not be impacted by the Proposal. Should there be a need to prune or remove any vegetation, approval would be required from TfNSW in accordance with the Removal or Trimming Vegetation Application (DMS-FT-078)</p>			
	<p>There are no natural waterways located within the Proposal site. The nearest surface water bodies to the Proposal site in the Duck River, around 550 meters west of the Proposal site.</p> <p>It is noted no earthworks or ground disturbance are associated with the Proposal.</p> <p>Minor maintenance activities including graffiti removal, replacement of brake pads and train washdown would be undertaken within the yard. If any significant maintenance activities are required, the train(s) would be relocated to Dubbo Maintenance Facility.</p> <p>In addition, diesel refuelling as required within a designated refuelling area by a mobile fuel truck.</p> <p>During operation, there is the potential for pollution from spills of chemicals, fuels and other materials that could enter the drainage system and flow to waterways. The implementation of the proposed control</p>	<p>10. There shall be no release of dirty water into drainage lines and/or waterways. Pollution incidents that cause or may cause material harm to the environment to be reported to the NSW Environment Protection Authority.</p> <p>11. Chemicals and fuels must be appropriately stored and handled in accordance with relevant Safety Data Sheets.</p> <p>12. All required chemicals and fuels must be located in containers within a bunded enclosure with sufficient capacity to hold 120% of the stored material, located away from drainage lines and stormwater drains.</p> <p>13. Spill kits appropriate to products used on site must be readily available.</p> <p>14. Plant and equipment must be regularly inspected to check for oil leaks.</p> <p>15. Refuelling of trains shall occur within a containment or hardstand area designed to prevent the escape of spilled substances to the surrounding</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Aspect	Nature and extent of impacts (negative and positive) during operation if control measures implemented	Control measures	Endorsed (for Rail Development and Delivery E&S use only)		
			Yes	No	Comments
Air quality	measures identified would limit the potential for impacts as a result of spills of hazardous materials. The Proposal does not involve the installation of large above ground structures or modifications to the stormwater system and as a result potential impacts to the flood regime are not anticipated.	environment, located a minimum of 50m from drainage lines or waterways. 16. Wash down of trains must take place in an appropriate area away from drainage lines and stormwater drains. The collected material from the washdown area is to be disposed of off-site, at a licensed facility or under the existing trade waste agreement. 17. In the event of a pollution incident, works would cease in the immediate vicinity and the Contractor would immediately notify the TfNSW Project Manager and TfNSW Environment representative. The EPA would be notified by TfNSW if required, in accordance with Part 5.7 of the POEO Act			
	The train meets the EPL Air Emissions requirements. Potential impacts of exhaust emissions from train movements during operation are considered to be minor due to the open air conditions which allow for free dispersal of emissions. In addition the train movements are minor (within the confines of the yard), and limited (two to four movements per day). Impacts on air quality are anticipated to be minor and temporary.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Soils and contamination	No excavation works or modifications to existing buildings are required for the operation of the Proposal. Contamination impacts are not anticipated during operation of the Proposal.	18. If previously unidentified contamination (excluding asbestos) is discovered during operation, work in the affected area must cease immediately, and an investigation must be undertaken and report prepared to determine the nature, extent and degree of any contamination. The level of reporting must be appropriate for the identified contamination in accordance with relevant EPA guidelines, including the	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Aspect	Nature and extent of impacts (negative and positive) during operation if control measures implemented	Control measures	Endorsed (for Rail Development and Delivery E&S use only)		
			Yes	No	Comments
Noise and vibration		<p>Guidelines for Consultants Reporting on Contaminated Sites (Office of Environment and Heritage, 2011). The event must be notified to TfNSW.</p> <p>19. If previously unidentified asbestos contamination is discovered during operation, work in the affected area must cease immediately, and an investigation must be undertaken and a report prepared to determine the nature, extent and degree of the asbestos contamination. The level of reporting must be appropriate for the identified contamination in accordance with relevant EPA, Safe Work Australia and SafeWork NSW guidelines and include the proposed methodology for the remediation of the asbestos contamination. Remediation activities must not take place until receipt of the investigation report. The event must be reported to TfNSW. Works may only recommence upon receipt of a validation report from a suitably qualified contamination specialist that the remediation activities have been undertaken in accordance with the investigation report and remediation methodology.</p>			
	<p>Potential noise associated with the operation of the Proposal would be generated by trains entering / departing the facility, the use of horns, and minor maintenance activities. Approximately two to four train movements per day up to 7 days per week, within the yard and onto the rail network would be required for testing and commissioning activities, in addition to the Auburn Heavy Maintenance Facility's existing operations.</p>	<p>20. The access closest to the residents (adjacent The Crescent – Location 7 in Appendix C) would be utilised between 0500 and 0000. At other times, access to the network near the Main Train facility (Location 6 – Appendix C).</p> <p>21. Horn use when entering/exiting the facility shall be limited to the urban horn only.</p> <p>22. If alerts are required during train shunting movements within the Proposal</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Aspect	Nature and extent of impacts (negative and positive) during operation if control measures implemented	Control measures	Endorsed (for Rail Development and Delivery E&S use only)		
			Yes	No	Comments
	<p>The trains would be moved within the facility via shunting movements.</p> <p>As part of safe train operation the horn would to be used when entering / departing the facility, and tested within the Project Workshop (Location 3 in Appendix C) The trains are fitted with a country and urban horn. The urban horn is quieter and used in residential areas, the country horn is louder for when the train is travelling at higher speeds. The Proposal would be limited to using the urban horn only.</p> <p>The nearest sensitive receiver is on The Crescent approximately 35 metres from the Proposal site, specifically from the rail access tracks. The Proposal site for general maintenance/ commissioning activities is approximately 200 meters from residential receivers on Manchester Road.</p> <p>To minimise impacts, the access closest to the residents (adjacent The Crescent) would be utilised between 0500 and 0000, which is the existing operating period. At other times, access to the network near the Project Workshop (approx. 250m from nearest resident and shielded by Auburn Heavy Maintenance Centre buildings).</p> <p>The proposed number of additional daily movements resulting from Proposal are considered minimal compared to the existing number of shunting movements within the existing facility as well as movements to and from the rail network. Any potential increase in noise would be considered minimal.</p>	<p>facility, non-tonal quaker alarm shall be used.</p>			
Aboriginal heritage	<p>An AHIMS search completed in May 2024 noted there were no registered Aboriginal sites or places within Proposed site. There are two registered sites within a 1km buffer, however these are approximately 700m from</p>	<p>23. Should an unexpected Aboriginal object be identified during operation, work in the immediate vicinity of the find is to stop and the area must be fenced off with suitable markers (star pickets,</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Aspect	Nature and extent of impacts (negative and positive) during operation if control measures implemented	Control measures	Endorsed (for Rail Development and Delivery E&S use only)		
			Yes	No	Comments
Non-Aboriginal heritage	the Proposal site, and would not be impacted by the operation of the Proposal. The results of these searches are provided in Appendix D. No impacts on Aboriginal heritage are anticipated during operation of the Proposal.	flagging or barrier mesh). The TfNSW Project Manager and Environment Representative are to be notified. Engage an archaeologist to determine the significance of the find, and if required, determine the notification, consultation, and approval requirements. Works must not recommence until TfNSW has provided written approval to do so.			
	A search of the NSW State Heritage Inventory completed in May 2024 noted there were no registered State Heritage within Proposed site. Under the Auburn Local Environmental Plan 2010, the Clyde Marshalling Yards is listed as an archaeological site (item number A50), as an area of having potential archaeological significance. However, no excavation or ground disturbing activities are required for the operation of the Proposal. The Proposal site is also listed on the TAHE Section 170 Heritage and Conservation register (Clyde Railway Yard Remains & Signal Box, SHI 4805747). However, no construction or modifications to the existing site is required for the operation of the Proposal. No impact to heritage is anticipated for the Proposal, and therefore no approvals under the <i>NSW Heritage Act 1977</i> would be required.	24. Should unexpected heritage item be identified during operation, work in the immediate vicinity of the find is to stop and the area must be fenced off with suitable markers (star pickets, flagging or barrier mesh). The TfNSW Project Manager and Environment Representative are to be notified. Engage an archaeologist to determine the significance of the find, and if required, determine the notification, consultation, and approval requirements. Works must not recommence until TfNSW has provided written approval to do so.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Community and socioeconomic	Potential operational noise, traffic, air quality and visual impacts to the community have been addressed in the relevant sections of this checklist.	25. The Project website will be updated to include details of the operation of the Proposal.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Aspect	Nature and extent of impacts (negative and positive) during operation if control measures implemented	Control measures	Endorsed (for Rail Development and Delivery E&S use only)		
			Yes	No	Comments
	The impact of the additional train movements on users of nearby social infrastructure would be negligible.				
Traffic and parking	<p>The operation of the Proposal is limited to the existing yard and the rail corridor. As a result, impacts are generally expected to be limited to vehicles entering and exiting yard and using the local road network. Up to approximately 20 staff light vehicles would require access daily, and occasional plant / heavy vehicles.</p> <p>The surrounding road network is frequently occupied by light and heavy vehicles travelling to and from the Clyde Marshalling Yard, Auburn Stabling Yard and surrounding industrial land uses. The additional vehicles utilising the road network associated with the operation of the Proposal is considered minor.</p>	26. Workers shall park in the designated car park where possible to reduce the impact to public parking,	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Waste and resource management	Waste generated by the operation of the Proposal would be limited to general waste and office waste. With implementation of controlled measures, associated with waste would be minimal.	<p>27. Resource management hierarchy principles will be followed:</p> <ul style="list-style-type: none"> · avoid unnecessary resource consumption as a priority · avoidance is followed by resource recovery (including reuse of materials, reprocessing, recycling and energy recovery) · disposal is undertaken as a last resort. (in accordance with the Waste Avoidance and Resource Recovery Act 2001). <p>28. Working areas shall be maintained, kept free of rubbish and cleaned up at the end of each working day.</p> <p>29. All spoil and waste must be classified in accordance with the Waste Classification Guidelines Part 1:</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Aspect	Nature and extent of impacts (negative and positive) during operation if control measures implemented	Control measures	Endorsed (for Rail Development and Delivery E&S use only)		
			Yes	No	Comments
		Classifying waste (EPA 2014) prior to disposal. 30. All recyclable waste would be recycled where practicable. 31. Waste that cannot be reused or recycled at appropriately licensed facilities shall be disposed of at a NSW Government licensed waste management facility.			
Economic	No economic risks associated with the operation of the Proposal have been identified.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Visual and urban design	There is no new infrastructure associated with the operation of the Proposal. The Proposal would utilise existing infrastructure in the rail corridor and would therefore have negligible visual impact. The additional train movements would be generally consistent with the current use, and would have a negligible visual impact on the surrounding sensitive receivers. The Proposal does not involve urban design aspects.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Hazard and risk	No operational risks associated with the Proposal have been identified.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Climate change and sustainability	Positive impacts in relation to climate change and sustainability associated with the Proposal include the enabling works for the new bi-mode fleet to be introduced to the network, providing a more environmentally-friendly rail service.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cumulative impact	Other work groups from Sydney Trains would be using Auburn Heavy Maintenance Centre. The activities associated with the operation of the Proposal are considered minor compared to the other work groups.	32. The Proposal would be coordinated with Sydney Trains to ensure cumulative impacts are minimised.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Aspect	Nature and extent of impacts (negative and positive) during operation if control measures implemented	Control measures	Endorsed (for Rail Development and Delivery E&S use only)		
			Yes	No	Comments
Other [such as landuse, shared heritage and geotechnical]	The Proposal site is located on land owned by TAHE. The Proposal occurs adjacent to a variety of land uses including road and rail corridors, businesses, commercial premises and residential areas. Operation of the Proposal would not result in any impacts to surrounding land uses.	Nil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

8. Certification

Considerations	Yes	No
Are you confident that the impacts of the activity are known and understood?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are you confident that the impacts of the activity can be managed so as not to significantly affect the environment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I certify (refer to Table 8-1) that to the best of my knowledge this EIA checklist:

- Examines and takes into account to the fullest extent possible all matters affecting or likely to affect the environment as a result of activities associated with the project.
- Takes into account the environmental factors listed in Section 171 of the EP&A Regulation.
- Is accurate in all material respects and does not omit any material information.

Table 8-1: Certification of the proposal

Name	Role	Signature	Date
Redacted	Author	Redacted	
Redacted	Transport Environment and Sustainability representative	Redacted	
Redacted	Transport Community and Place Representative	Redacted	
Redacted	Transport Project Manager	Redacted	

9. Project approvals

9.1 Planning approvals

Is the project a part of an activity/development which has already been approved under the EP&A Act?

- ☐ Yes
- If yes, this assessment cannot be used.
- ☒ No
- If no, is the project to be assessed under Part 4 or Division 5.1?

If the project is to be assessed under Division 5.1, has this assessment found that the activity is likely to significantly affect the environment (including critical habitat) or threatened species, populations or ecological communities, or their habitats?

- ☐ Yes
- If yes, the project is required to be assessed under Division 5.2.
- ☐ No
- If no, with the inclusion of the proposed control measures the project can be appropriately assessed under Division 5.1.

9.2 Environmental approvals

Identify all other approvals required for the project:

Nil

Is further assessment required?

- ☒ No
- No further assessment required.
- ☐ Yes
- Further assessment required

9.3 Endorsement by Senior Environment & Sustainability Representative

I endorse the assessment of the Proposed Activity as outlined in this Environmental Impact Assessment Checklist.

Name	E&S Manager Position	Signature	Date
Redacted	Senior Manager, Environment & Sustainability	Redacted	

9.4 Decision statement

Under delegation from the Secretary Transport of New South Wales, I certify that I have reviewed and endorsed the contents of this environmental impact assessment checklist, and to the best of my knowledge, it is in accordance with the EP&A Act, the EP&A Regulation and the Guidelines approved under Section 170 of the EP&A Regulation, and the information is neither false nor misleading.

I determine that the proposed activity may be carried out subject to the following conditions of approval.

1. Works are to be undertaken in accordance with the proposed control measures (including any Planning and Environment endorsement comments) identified in the impact assessment tables in this *Environmental impact assessment checklist*.

Name	Role	Signature	Date
Redacted	Executive Director	Redacted	

10. Abbreviations

Term	Meaning
AHIMS	Aboriginal Heritage Information Management System
AS	Australian Standard
APAS	Australian Paint Approval Scheme
ASS	Acid Sulfate Soils
BCA	Building Code of Australia
BC Act	<i>Biodiversity Conservation Act 2016 (NSW)</i>
CEMP	Construction Environmental Management Plan
CCTV	Closed Circuit Television
DDA	<i>Disability Discrimination Act 1992 (Cwlth)</i>
DES	TfNSW Director Environment & Sustainability
DPE	NSW Department of Planning and Environment
DSAPT	<i>Disability Standards for Accessible Public Transport (2002)</i>
E&S	Environment and Sustainability, a branch within Safety, Environment and Regulation (SER) of Transport for NSW
ECM	Environmental Control Map
EMS	Environmental Management System
EPA	NSW Environment Protection Authority
EP&A Act	<i>Environmental Planning and Assessment Act 1979 (NSW)</i>
EP&A Regulation	Environmental Planning and Assessment Regulation 2021 (NSW)
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999 (Cwlth)</i>
EPL	Environment Protection Licence
Heritage Act	<i>Heritage Act 1977 (NSW)</i>
SEPP (Transport and Infrastructure)	<i>State Environmental Planning Policy (Transport and Infrastructure) 2021 (NSW)</i>
LEP	Local Environmental Plan
LGA	Local Government Area
NML	Noise Management Level
OEH	Former NSW Office of the Environment and Heritage
PoEO Act	<i>Protection of the Environment Operations Act 1997 (NSW)</i>
SEPP	State Environmental Planning Policy
SHI	State Heritage Inventory
VOC	Volatile Organic Compounds

11. Definitions

Term	Meaning
Construction	Includes all work in respect of the Project, other than survey, acquisitions, fencing, investigative drilling or excavation, building/road dilapidation surveys, or other activities determined by the TfNSW DES to have minimal environmental impact such as minor access roads, minor adjustments to services/utilities, establishing temporary construction compounds (in accordance with this approval), or minor clearing (except where threatened species, populations or ecological communities would be affected, unless otherwise agreed by the DES).
Contractor	The entity appointed by Transport for NSW to undertake the construction of the Proposal. The Contractor is therefore responsible for all work on the proposal, both design and construction.
Determining authority	A Minister or public authority on whose behalf an activity is to be carried out or public authority whose approval is required to carry out an activity (under Division 5.1 of the EP&A Act).
Disability Standards for Accessible Public Transport	The Commonwealth Disability Standards for Accessible Public Transport 2002 (as amended), authorised under the Commonwealth Disability Discrimination Act 1992 (DDA).
Out of hours work	Defined as work undertaken outside standard construction hours (i.e., outside of 7am to 6pm Monday to Friday, 8am to 1pm Saturday and no work on Sundays/public holidays).
Proponent	A person or body proposing to carry out an activity under Division 5.1 of the EP&A Act.
The Proposal	The construction and operation of the proposed work.
Sensitive receivers	Land uses which are sensitive to potential noise, air and visual impacts, such as residential dwellings, schools and hospitals.
Transport Environment and Sustainability Representative	Within Rail Development and Delivery Projects this includes: <ul style="list-style-type: none"> • Environment and Sustainability Officer • Senior Environment and Sustainability Officer • Environment and Sustainability Manager • Senior Manager Environment and Sustainability

Appendix A: Consideration of Section 171 Environmental Factors

The following environmental factors, listed in section 171(2) of the Environmental Planning and Assessment Regulation 2021, have been taken into account to assist in assessing the likely impacts of the Proposal on the environment. This consideration is required to comply with sections 5.5 and 5.7 of the EP&A Act.

Table A-1: Consideration of section 171 of the EP&A Regulation factors

ID	Factor	Comment	Impact
a	Any environmental impact on a community?	The Proposal may cause minor environmental impacts on the community, such as noise impacts on residents, however the potential impacts would be minimised with the implementation of the safeguards as detailed in this checklist.	Minor
b	Any transformation of a locality?	The Proposal would not transform the locality, as the operation of the Proposal is consistent with the current use.	Nil
c	Any impact on the ecosystems of the locality?	The Proposal site is a highly urbanised area with no remnant native vegetation present. The Proposal does not involve any impact to vegetation.	Nil
d	Any reduction of the aesthetic, recreational, scientific or other environmental quality or value of a locality?	The operation of the Proposal is consistent with the current site use, and would not alter the recreational, scientific or other environmental quality or value of a locality.	Nil
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?	There is no heritage listed within Proposal site. Part of the site has local archaeological potential, however no excavation or ground disturbing activities is proposed. Therefore, there would be no impact.	Nil

ID	Factor	Comment	Impact
f	Any impact on the habitat of protected fauna (within the meaning of the <i>National Parks and Wildlife Act 1974</i>)?	The Proposal would not have any impact on the habitat of any protected animals due to the limited scope associated with the operation of the Proposal and the implementation of the mitigation measures.	Nil
g	Any endangering of any species of animal, plant or other form of life, whether living on land, in water or in the air?	The Proposal would not endanger any species of animal, plant or other form of life, whether living on land, in water or in the air due to the limited scope associated with the operation of the Proposal and the implementation of the mitigation measures.	Nil
h	Any long-term effects on the environment?	No long term impacts are anticipated, due to the limited scope associated with the operation of the Proposal and the implementation of the mitigation measures.	Nil
i	Any degradation of the quality of the environment?	No degradation to the quality of the environment is anticipated, due to the limited scope associated with the operation of the Proposal and the implementation of the mitigation measures.	Nil
j	Any risk to the safety of the environment?	No risk to the safety of the environment is anticipated, due to the nature of the scope associated with the operation of the Proposal and the implementation of the mitigation measures.	Nil

ID	Factor	Comment	Impact
k	Any reduction in the range of beneficial uses of the environment?	The operation of the Proposal is consistent with the current site use, and would not reduce the beneficial use of the environment.	Nil
l	Any pollution of the environment?	The Proposal would require refuelling, washdown and minor maintenance activities. With the implementation of the mitigation measures, the Proposal would not result in any pollution of the environment.	Nil
m	Any environmental problems associated with the disposal of waste?	The Proposal would produce limited office waste and general waste. Implementation of mitigation measures would minimise any problems associated with waste.	Nil
n	Any increased demands on resources (natural or otherwise) that are, or are likely to become, in short supply?	The Proposal would not significantly increase demands on resources, which are, or are likely to become, in short supply. No construction is required, and relatively small amounts of materials would be required for the operation of the Proposal.	Nil
o	Any cumulative environmental effect with other existing or likely future activities?	Other work groups from Sydney Trains would be using Auburn Heavy Maintenance Facility. The Proposal would be coordinated with Sydney Trains to ensure cumulative impacts are minimised.	Minor
p	Any impact on coastal processes and coastal hazards, including those under projected climate change conditions?	The Proposal site is not within or adjacent to the coast, would not impact coastal process and hazards.	Nil

ID	Factor	Comment	Impact
q	Applicable local strategic planning statements, regional strategic plans or district strategic plans made under the Act, Division 3.1.	The Proposal is consistent with the current use of the facility.	Nil
r	Other relevant environmental factors.	In considering the potential impacts of this proposal all relevant environmental factors have been considered, refer to Impact Assessment of this assessment.	N/A

Appendix B: Consideration of Commonwealth environmental factors

Table B-1: Matters of national environmental significance

Environmental factor	Comment	Impact
a) Any impact on a World Heritage property?	No world heritage listings are located within the Proposal site.	Nil
b) Any impact on a National Heritage place?	No national heritage listings are located within the Proposal site.	Nil
c) Any impact on a wetland of international importance (often called 'Ramsar' wetlands)?	No wetlands or rainforests are located within or adjacent to the Proposal site.	Nil
d) Any impact on nationally threatened species, ecological communities or migratory species?	The Proposal site is a highly urbanised area with no remnant native vegetation present. The proposal does not involve any impact to vegetation, and would not impact any threatened species, ecological communities or migratory species.	Nil
e) Any impact on a Commonwealth marine area?	The Proposal site is not located within or adjacent to a Commonwealth marine area.	Nil
f) Does the proposal involve a nuclear action (including uranium mining)?	The Proposal does not involve any nuclear action activities.	Nil
Additionally, any impact (direct or indirect) on the environment of Commonwealth land?	Nil	Nil

Appendix C: Proposal Site



Appendix D: Desktop Searches



Auburn Local Environmental Plan 2010

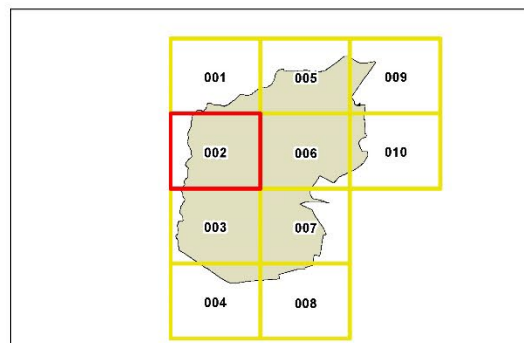
Land Zoning Map - Sheet LZN_002

Zone

- B1 Neighbourhood Centre
- B2 Local Centre
- B4 Mixed Use
- B6 Enterprise Corridor
- B7 Business Park
- E2 Environmental Conservation
- IN1 General Industrial
- IN2 Light Industrial
- R2 Low Density Residential
- R3 Medium Density Residential
- R4 High Density Residential
- RE1 Public Recreation
- RE2 Private Recreation
- SP1 Special Activities
- SP2 Infrastructure
- W1 Natural Waterways
- DM Deferred Matters
- MD SEPP (Major Development Project) 2005

Cadastre

Cadastre 07/09/2017 © Land and Property Information (LPI)

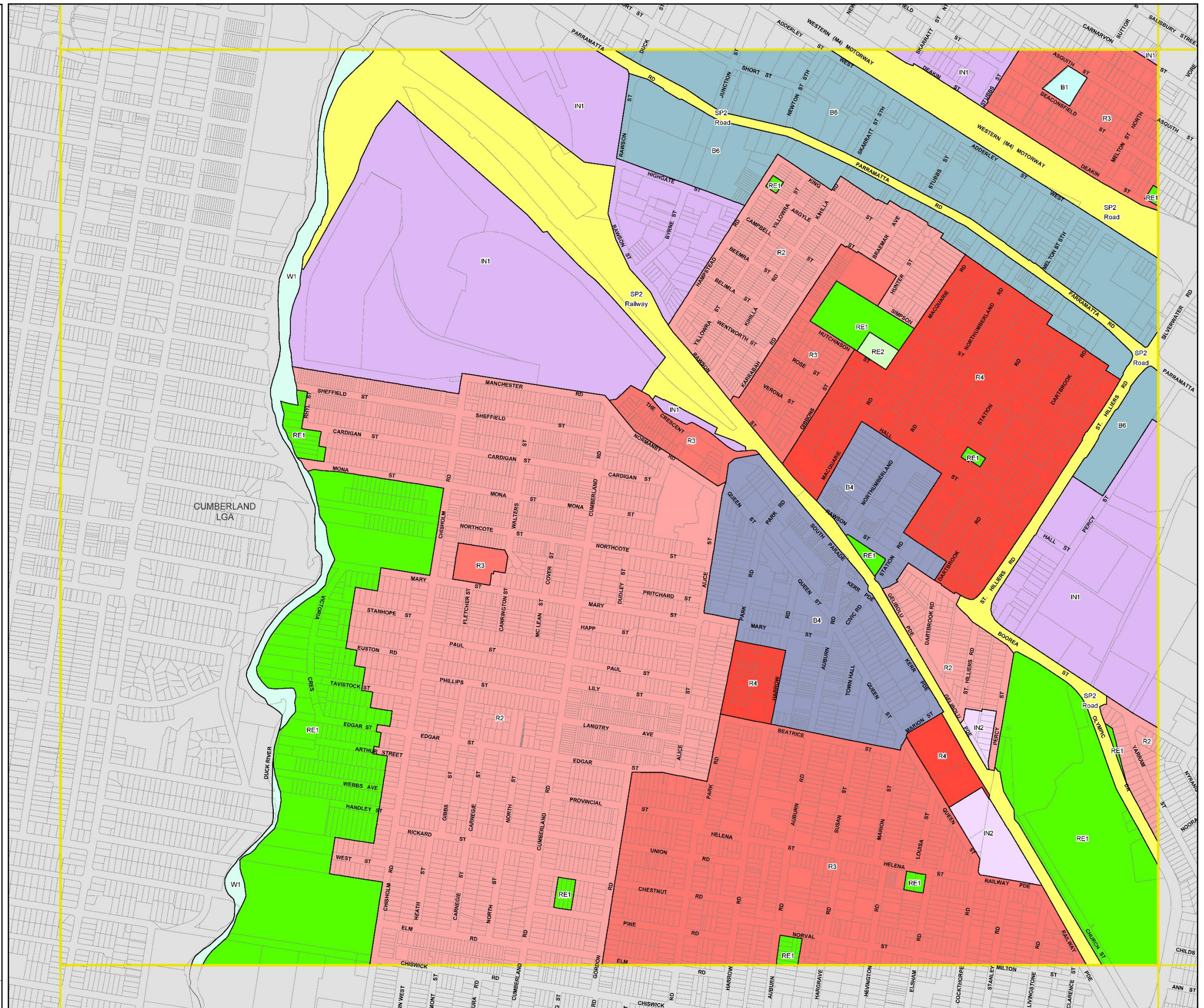


0 200 400 Metres

Scale: 1:10,000 @ A3

Projection: GDA 1994
MGA Zone 56

Map identification number: 0200_COM_LZN_002_010_20170907





Australian Government

Department of Climate Change, Energy,
the Environment and Water

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. Please see the caveat for interpretation of information provided here.

Report created: 27-May-2024

[Summary](#)

[Details](#)

[Matters of NES](#)

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

[Extra Information](#)

[Caveat](#)

[Acknowledgements](#)

Summary

Matters of National Environment 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 (Ramsar	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	7
Listed Threatened Species:	77
Listed Migratory Species:	40

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 <https://www.dcceew.gov.au/parks-heritage/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 Lands:	3
Commonwealth Heritage Places:	None
Listed Marine Species:	48
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None
Habitat Critical to the Survival of Marine Turtles:	None

Extra Information

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

State and Territory Reserves:	None
Regional Forest Agreements:	None
Nationally Important Wetlands:	None
EPBC Act Referrals:	11
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	1
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

Listed Threatened Ecological Communities

[Resource Information]

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

Status of Vulnerable, Disallowed and Ineligible are not MNES under the EPBC Act.

Community Name	Threatened Category	Presence Text	Buffer Status
Castlereagh Scribbly Gum and Agnes Banks Woodlands of the Sydney Basin Bioregion	Endangered	Community may occur within area	In feature area
Coastal Swamp Oak (Casuarina glauca) Forest of New South Wales and South East Queensland ecological community	Endangered	Community likely to occur within area	In feature area
Coastal Swamp Sclerophyll Forest of New South Wales and South East Queensland	Endangered	Community may occur within area	In feature area
Cooks River/Castlereagh Ironbark Forest of the Sydney Basin Bioregion	Critically Endangered	Community likely to occur within area	In feature area
River-flat eucalypt forest on coastal floodplains of southern New South Wales and eastern Victoria	Critically Endangered	Community likely to occur within area	In feature area
Shale Sandstone Transition Forest of the Sydney Basin Bioregion	Critically Endangered	Community may occur within area	In feature area
Western Sydney Dry Rainforest and Moist Woodland on Shale	Critically Endangered	Community may occur within area	In feature area

Listed Threatened Species

[Resource Information]

Status of Conservation Dependent and Extinct are not MNES under the EPBC Act.

Number is the current name ID.

Scientific Name	Threatened Category	Presence Text	Buffer Status
BIRD			
Anthochaera phrygia			
Regent Honeyeater [82338]	Critically Endangered	Foraging, feeding or related behaviour likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Ardenna grisea Sooty Shearwater [82651]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat likely to occur within area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat known to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Callocephalon fimbriatum Gang-gang Cockatoo [768]	Endangered	Species or species habitat likely to occur within area	In feature area
Calyptorhynchus lathami lathami South-eastern Glossy Black-Cockatoo [67036]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat may occur within area	In feature area
Climacteris picumnus victoriae Brown Treecreeper (south-eastern) [67062]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Dasyornis brachypterus Eastern Bristlebird [533]	Endangered	Species or species habitat may occur within area	In feature area
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Diomedea antipodensis gibsoni Gibson's Albatross [82270]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Diomedea epomophora Southern Royal Albatross [89221]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered	Species or species habitat may occur within area	In buffer area only
Erythroriorchis radiatus Red Goshawk [942]	Endangered	Species or species habitat may occur within area	In buffer area only
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Grantiella picta Painted Honeyeater [470]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
Limosa lapponica baueri Nunivak Bar-tailed Godwit, Western Alaskan Bar-tailed Godwit [86380]	Endangered	Species or species habitat known to occur within area	In feature area
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Melanodryas cucullata cucullata South-eastern Hooded Robin, Hooded Robin (south-eastern) [67093]	Endangered	Species or species habitat may occur within area	In feature area
Neophema chrysostoma Blue-winged Parrot [726]	Vulnerable	Species or species habitat may occur within area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Pachyptila turtur subantarctica Fairy Prion (southern) [64445]	Vulnerable	Species or species habitat known to occur within area	In feature area
Pycnoptilus floccosus Pilotbird [525]	Vulnerable	Species or species habitat may occur within area	In feature area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area	In feature area
Stagonopleura guttata Diamond Firetail [59398]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Sternula nereis nereis Australian Fairy Tern [82950]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche bulleri Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche bulleri platei Northern Buller's Albatross, Pacific Albatross [82273]	Vulnerable	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Thalassarche eremita Chatham Albatross [64457]	Endangered	Species or species habitat may occur within area	In buffer area only
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Thalassarche salvini Salvin's Albatross [64463]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Thalassarche steadi White-capped Albatross [64462]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Tringa nebularia Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area	In feature area
FISH			
Epinephelus daemeli Black Rockcod, Black Cod, Saddled Rockcod [68449]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Macquaria australasica Macquarie Perch [66632]	Endangered	Species or species habitat may occur within area	In feature area
FROG			
Litoria aurea Green and Golden Bell Frog [1870]	Vulnerable	Species or species habitat likely to occur within area	In feature area
MAMMAL			
Chalinolobus dwyeri Large-eared Pied Bat, Large Pied Bat [183]	Endangered	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
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	In feature area
Petauroides volans			
Greater Glider (southern and central) [254]	Endangered	Species or species habitat may occur within area	In feature area
Petaurus australis australis			
Yellow-bellied Glider (south-eastern) [87600]	Vulnerable	Species or species habitat likely to occur within area	In feature 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]	Endangered	Species or species habitat known to occur within area	In feature area
Pseudomys novaehollandiae			
New Holland Mouse, Pookila [96]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Pteropus poliocephalus			
Grey-headed Flying-fox [186]	Vulnerable	Roosting known to occur within area	In feature area
PLANT			
Acacia bynoeana			
Bynoe's Wattle, Tiny Wattle [8575]	Vulnerable	Species or species habitat known to occur within area	In feature area
Acacia pubescens			
Downy Wattle, Hairy Stemmed Wattle [18800]	Vulnerable	Species or species habitat known to occur within area	In feature area
Allocasuarina glareicola			
[21932]	Endangered	Species or species habitat may occur within area	In feature area
Caladenia tessellata			
Thick-lipped Spider-orchid, Daddy Long-legs [2119]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Cryptostylis hunteriana			
Leafless Tongue-orchid [19533]	Vulnerable	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Darwinia biflora [14619]	Vulnerable	Species or species habitat may occur within area	In feature area
Genoplesium baueri Yellow Gnat-orchid, Bauer's Midge Orchid, Brittle Midge Orchid [7528]	Endangered	Species or species habitat likely to occur within area	In feature area
Leucopogon exolasius Woronora Beard-heath [14251]	Vulnerable	Species or species habitat may occur within area	In feature area
Melaleuca deanei Deane's Melaleuca [5818]	Vulnerable	Species or species habitat may occur within area	In feature area
Persicaria elatior Knotweed, Tall Knotweed [5831]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Persoonia nutans Nodding Geebung [18119]	Endangered	Species or species habitat may occur within area	In buffer area only
Pimelea curviflora var. curviflora [4182]	Vulnerable	Species or species habitat may occur within area	In feature area
Pimelea spicata Spiked Rice-flower [20834]	Endangered	Species or species habitat likely to occur within area	In feature area
Pomaderris brunnea Rufous Pomaderris, Brown Pomaderris [16845]	Vulnerable	Species or species habitat may occur within area	In feature area
Pterostylis saxicola Sydney Plains Greenhood [64537]	Endangered	Species or species habitat may occur within area	In feature area
Rhodamnia rubescens Scrub Turpentine, Brown Malletwood [15763]	Critically Endangered	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Rhodomyrtus psidioides Native Guava [19162]	Critically Endangered	Species or species habitat may occur within area	In feature area
Syzygium paniculatum Magenta Lilly Pilly, Magenta Cherry, Daguba, Scrub Cherry, Creek Lilly Pilly, Brush Cherry [20307]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Thesium australe Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat may occur within area	In feature area
REPTILE			
Caretta caretta Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area	In buffer area only
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Delma impar Striped Legless Lizard, Striped Snake-lizard [1649]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area	In buffer area only
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Hoplocephalus bungaroides Broad-headed Snake [1182]	Endangered	Species or species habitat may occur within area	In buffer area only
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
SHARK			
Sphyrna lewini Scalloped Hammerhead [85267]	Conservation Dependent	Species or species habitat likely to occur within area	In buffer area only

Listed Migratory Species			[Resource Information]
Scientific Name	Threatened Category	Presence Text	Buffer Status
Migratory Marine Birds			
Apus pacificus			
Fork-tailed Swift [678]		Species or species habitat likely to occur within area	In feature area
Ardenna grisea			
Sooty Shearwater [82651]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Calonectris leucomelas			
Streaked Shearwater [1077]		Species or species habitat known to occur within area	In buffer area only
Diomedea antipodensis			
Antipodean Albatross [64458]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Diomedea epomophora			
Southern Royal Albatross [89221]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Diomedea exulans			
Wandering Albatross [89223]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Diomedea sanfordi			
Northern Royal Albatross [64456]	Endangered	Species or species habitat may occur within area	In buffer area only
Macronectes giganteus			
Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only
Macronectes halli			
Northern Giant Petrel [1061]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Phaethon lepturus			
White-tailed Tropicbird [1014]		Species or species habitat may occur within area	In buffer area only
Thalassarche bulleri			
Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Thalassarche eremita Chatham Albatross [64457]	Endangered	Species or species habitat may occur within area	In buffer area only
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Thalassarche salvini Salvin's Albatross [64463]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Thalassarche steadi White-capped Albatross [64462]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Migratory Marine Species			
Caretta caretta Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area	In buffer area only
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area	In buffer area only
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Mobula alfredi as Manta alfredi Reef Manta Ray, Coastal Manta Ray [90033]		Species or species habitat may occur within area	In buffer area only
Mobula birostris as Manta birostris Giant Manta Ray [90034]		Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Nator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Migratory Terrestrial Species			
Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat may occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat likely to occur within area	In feature area
Motacilla flava Yellow Wagtail [644]		Species or species habitat likely to occur within area	In feature area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area	In feature area
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area	In feature area
Symposiachrus trivirgatus as Monarcha trivirgatus Spectacled Monarch [83946]		Species or species habitat may occur within area	In feature area
Migratory Wetlands Species			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat known to occur within area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat known to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat known to occur within area	In feature area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat may occur within area	In feature area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat known to occur within area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Pandion haliaetus Osprey [952]		Species or species habitat likely to occur within area	In feature area
Tringa nebularia Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area	In buffer area only

Other Matters Protected by the EPBC Act

Commonwealth Lands

[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.

Commonwealth Land Name	State	Buffer Status
Communications, Information Technology and the Arts - Australian Postal Corporation		
Commonwealth Land - Australian Postal Commission [13002]	NSW	In buffer area only
Unknown		
Commonwealth Land - [13017]	NSW	In buffer area only
Commonwealth Land - [13016]	NSW	In buffer area only

Listed Marine Species	[Resource Information]		
Scientific Name	Threatened Category	Presence Text	Buffer Status

Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat known to occur within area	In feature area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area	In feature area
Ardenna grisea as Puffinus griseus Sooty Shearwater [82651]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Bubulcus ibis as Ardea ibis Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]	Vulnerable	Species or species habitat known to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area overfly marine area	In feature area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat known to occur within area overfly marine area	In feature area
Calonectris leucomelas Streaked Shearwater [1077]		Species or species habitat known to occur within area	In buffer area only
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Diomedea antipodensis gibsoni as Diomedea gibsoni Gibson's Albatross [82270]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Diomedea epomophora Southern Royal Albatross [89221]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered	Species or species habitat may occur within area	In buffer area only
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]	Vulnerable	Species or species habitat likely to occur within area overfly marine area	In feature area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area overfly marine area	In feature area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat known to occur within area	In feature area
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area	In feature area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat likely to occur within area overfly marine area	In feature area
Motacilla flava Yellow Wagtail [644]		Species or species habitat likely to occur within area overfly marine area	In feature area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area overfly marine area	In feature area
Neophema chrysostoma Blue-winged Parrot [726]	Vulnerable	Species or species habitat may occur within area overfly marine area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Pachyptila turtur Fairy Prion [1066]		Species or species habitat known to occur within area	In feature area
Pandion haliaetus Osprey [952]		Species or species habitat likely to occur within area	In feature area
Phaethon lepturus White-tailed Tropicbird [1014]		Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Pterodroma cervicalis White-necked Petrel [59642]		Species or species habitat may occur within area	In feature area
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area overfly marine area	In feature area
Rostratula australis as Rostratula benghalensis (sensu lato) Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
Sterna striata White-fronted Tern [799]		Migration route may occur within area	In feature area
Symposiachrus trivirgatus as Monarcha trivirgatus Spectacled Monarch [83946]		Species or species habitat may occur within area overfly marine area	In feature area
Thalassarche bulleri Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche bulleri platei as Thalassarche sp. nov. Northern Buller's Albatross, Pacific Albatross [82273]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche eremita Chatham Albatross [64457]	Endangered	Species or species habitat may occur within area area	In buffer area only
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
Thalassarche salvini Salvin's Albatross [64463]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Thalassarche steadi White-capped Albatross [64462]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Tringa nebularia Common Greenshank, Greenshank [832]	Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
Reptile			
Caretta caretta Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area	In buffer area only
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area	In buffer area only
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area	In buffer area only

Extra Information

EPBC Act Referrals [Resource Information]				
Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Controlled action				
Shell Clyde Terminal Expansion, Rosehill, NSW	2013/6878	Controlled Action	Post-Approval	In buffer area only
Not controlled action				
construct access road and install underground water main	2005/2299	Not Controlled Action	Completed	In feature area
construction of a road linking Newbridge Road and Nuwarra Road	2004/1843	Not Controlled Action	Completed	In buffer area only

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Not controlled action				
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed	In feature area
INDIGO Central Submarine Telecommunications Cable	2017/8127	Not Controlled Action	Completed	In feature area
Parramatta Light Rail (Stage 1) - Westmead to Carlingford, via Parramatta CBD	2017/7966	Not Controlled Action	Completed	In buffer area only
Residential subdivision works, Spurway St, Ermington	2003/1130	Not Controlled Action	Completed	In feature area
subdivision and development on the Rhodes Peninsula for residential and commerci	2003/1249	Not Controlled Action	Completed	In feature area
Subdivision for warehouse construction	2000/119	Not Controlled Action	Completed	In buffer area only
Sydney Metro Network Stage 2	2010/5307	Not Controlled Action	Completed	In buffer area only
Not controlled action (particular manner)				
INDIGO Marine Cable Route Survey (INDIGO)	2017/7996	Not Controlled Action (Particular Manner)	Post-Approval	In feature area
Bioregional Assessments			Resource Information	
SubRegion	BioRegion	Website	Buffer Status	
Sydney	Sydney Basin	BA website	In feature area	

Caveat

1 PURPOSE

This report is designed to assist in identifying the location of matters of national environmental significance (MNES) and other matters protected by the Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act) which may be relevant in determining obligations and requirements under the EPBC Act.

The report contains the mapped locations of:

- World and National Heritage properties;
- Wetlands of International and National Importance;
- Commonwealth and State/Territory reserves;
- distribution of listed threatened, migratory and marine species;
- listed threatened ecological communities; and
- other information that may be useful as an indicator of potential habitat value.

2 DISCLAIMER

This report is not intended to be exhaustive and should only be relied upon as a general guide as mapped data is not available for all species or ecological communities listed under the EPBC Act (see below). Persons seeking to use the information contained in this report to inform the referral of a proposed action under the EPBC Act should consider the limitations noted below and whether additional information is required to determine the existence and location of MNES and other protected matters.

Where data are available to inform the mapping of protected species, the presence type (e.g. known, likely or may occur) that can be determined from the data is indicated in general terms. It is the responsibility of any person using or relying on the information in this report to ensure that it is suitable for the circumstances of any proposed use. The Commonwealth cannot accept responsibility for the consequences of any use of the report or any part thereof. To the maximum extent allowed under governing law, the Commonwealth will not be liable for any loss or damage that may be occasioned directly or indirectly through the use of, or reliance

3 DATA SOURCES

Threatened ecological communities

For threatened ecological communities where the distribution is well known, maps are generated based on information contained in recovery plans, State vegetation maps and 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

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

Where little information is available for a 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 detailed distribution mapping methods are used to update these distributions

4 LIMITATIONS

The following species and ecological communities have not been mapped and do not appear in this report:

- threatened species listed as extinct or considered vagrants;
- some recently listed species and ecological communities;
- some listed migratory and listed marine species, which are not listed as threatened species; and
- migratory species that are very widespread, vagrant, or only occur in Australia in small numbers.

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

- listed migratory and/or listed marine seabirds, which are not listed as threatened, have only been mapped for recorded
- seals which have only been mapped for breeding sites near the Australian continent

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

Refer to the metadata for the feature group (using the Resource Information link) for the currency of the information.

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.

[© Commonwealth of Australia](#)

Department of Climate Change, Energy, the Environment and Water

GPO Box 3090

Canberra ACT 2601 Australia

+61 2 6274 1111



Aboriginal Places

Item Name	Address	Local Government Area	SHR ID	Heritage Item ID	Record Owner
No results in layer					

State Heritage Register

Item Name	Address	Local Government Area	SHR ID	Heritage Item ID	Record Owner
Electricity Substation No. 167	93 Parramatta Road Auburn	CUMBERLAND	01790	5060568	
Auburn Railway Signal Box	Great Southern and Western Railway, Auburn	CUMBERLAND	01023	5011925	

Interim Heritage Order

Item Name	Address	Local Government Area	SHR ID	Heritage Item ID	Record Owner
No results in layer					

Local Environment Plan

Item Name	Address	Local Government Area	SHR ID	Heritage Item ID	Record Owner
Cumberland Local Environmental Plan 2021		CUMBERLAND	I9	1030021	

Heritage Search Result

Date: 27-May-2024

Redacted

Level 5, Tower A, 821 Pacific Highway
Chatswood New South Wales 2067

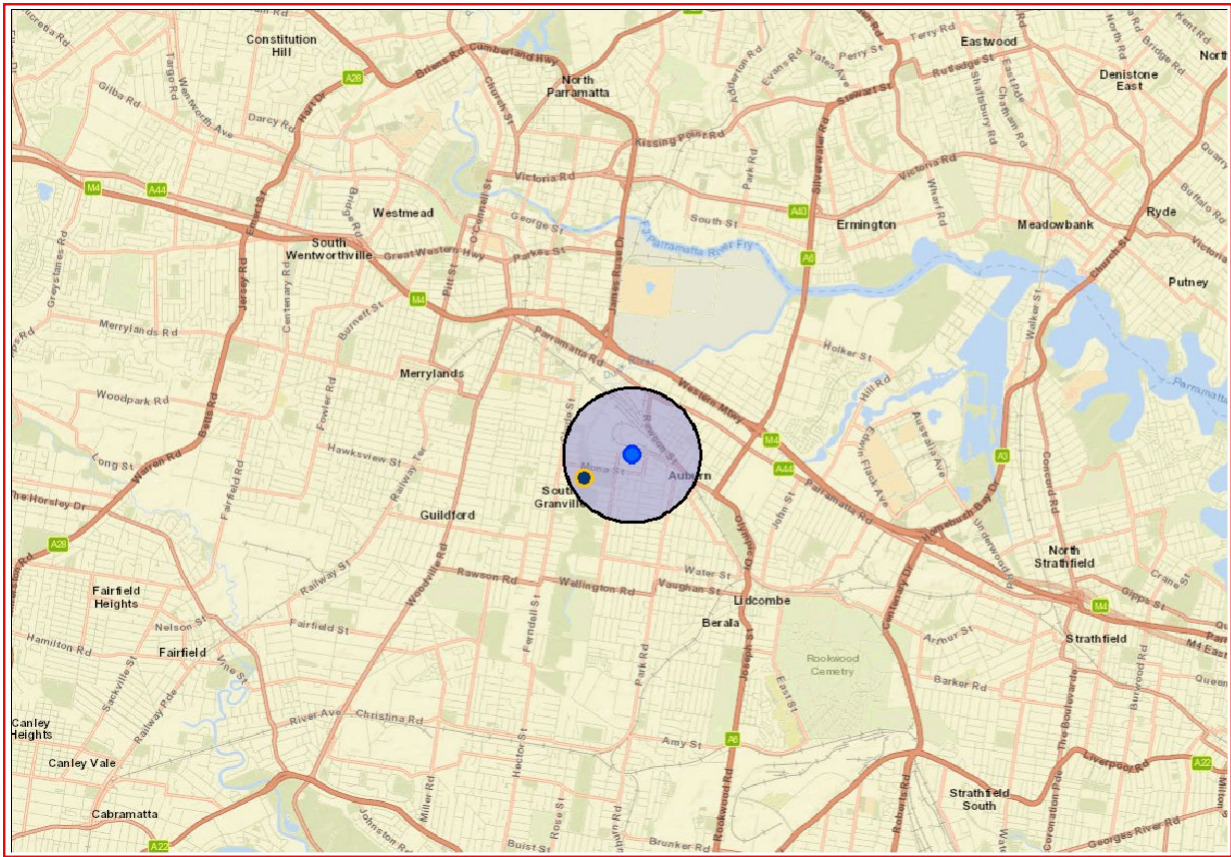
Attention: Redacted

Email: Redacted

Dear Sir or Madam:

AHIMS Web Service search for the following area at Address : 42 MANCHESTER ROAD AUBURN 2144 with a Buffer of 1000 meters, conducted by Redacted on 27 May2024.

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



A search of Heritage NSW AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

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

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

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

Important information about your AHIMS search

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

