



The Austral Brick Company Pty Ltd

Preliminary Site Investigation

Austral Bricks Plant 23 Quarry Precinct 5,
10 Old Wallgrove Road,
Horsley Park, NSW 2175

31 March 2022

60530/144338 (Rev A)

JBS&G Australia Pty Ltd

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Executive Summary

JBS&G Australia Pty Ltd (JBS&G) was engaged by The Austral Brick Company Pty Ltd (Austral, the client), to conduct a preliminary site investigation (PSI) for the proposed Oakdale East Precinct 5 redevelopment site, access road and associated stormwater detention basin to the south-west of Precinct 5, part of the Oakdale East redevelopment, located at Austral Bricks Plant 23, 10 Old Wallgrove Rd, Horsley Park NSW 2175 (the site). The site is formally identified as Part Lot 103 in DP1268366 and comprises a total area of approximately 5.13 hectares (ha). The site location and site layout are shown in **Figures 1 and 2** respectively.

It is understood that the client is seeking to redevelop the site for a commercial and industrial (warehouses) land use. A Preliminary Environmental Site Assessment (PSA, JBS&G 2022¹) has previously been conducted across accessible areas of Stages 2-4 adjacent to the site. It is understood that a desktop PSI is now required for the Precinct 5 site and associated infrastructure footprint to support the lodgement of the State Significant Development Application (SSDA) for the above ground redevelopment of Oakdale East.

The scope of works for this investigation comprised a review of available site history, previous investigation reports and publicly available information to identify potential areas of environmental concern (AECs) and associated contaminants of potential concern (COPC) and preparation of a PSI report in general accordance with relevant EPA endorsed guidelines to assess the suitability of the site from a contamination perspective for the proposed commercial use, or to make recommendations to enable such assessments to be made in the future.

Based on the scope of work completed for this investigation and the limitations described in **Section 7**, the following conclusions are drawn with regard to the site:

- Potential sources of contamination were identified as part of the site history review and site inspection as related to the following: fill materials of unknown origin imported/stockpiled on the site; cross contamination or leaching from historically overlying fill materials to natural materials/temporary surface water present at the site; and spills or leaks associated with vehicle storage and/or maintenance activities as may have occurred within the site;
- It is unlikely that activities at the site will have contaminated the land to a degree that would prevent the redevelopment of the site for commercial / industrial land-use; and
- In the event that contamination is identified at the site, it is anticipated that the site can be made suitable for the proposed land-use.

Based on these conclusions, JBS&G recommend that prior to redevelopment at the site, planned intrusive investigations should be undertaken to provide a quantitative assessment of contaminant levels as associated with the areas of environmental concern identified above to confirm the suitability of the site (from a contamination perspective) for the proposed use. Should contamination be identified during intrusive investigations, sufficient data will be collected to facilitate the preparation of a remedial action plan (RAP) for implementation during proposed earthworks to manage any identified contamination impacts.

¹ Preliminary Environmental Site Assessment, Austral Bricks Plant 23 Quarry, 10 Old Wallgrove Road, Horsley Park, NSW 2175. JBS&G. 7 February 2022 Rev 0 (JBS&G 2022)

Abbreviations

Term	Definition
ACM	Asbestos Containing Materials
AF	Asbestos Fines
AEC	Areas of Environmental Concern
AHD	Australian Height Datum
ASRIS	Australian Soil Resource Information System
ASS	Acid Sulfate Soils
BTEXN	Benzene, Toluene, Ethylbenzene, Xylenes and Naphthalene
CLM Act	Contaminated Land Management Act
COC	Chain of Custody
COPC	Contaminants of Potential Concern
CSM	Conceptual Site Model
DBYD	Dial Before You Dig
DP	Development Plan
DQI	Data Quality Indicators
DQO	Data Quality Objectives
DSI	Detailed Site Investigation
EILs	Ecological Investigation Levels
EPA	NSW Environmental Protection Authority
ESA	Environmental Site Assessment
ESLs	Ecological Screening Levels
FA	Fibrous Asbestos
Ha	Hectare
HILs	Health Investigation Levels
HSLs	Health Screening Levels
JBS&G	JBS&G Australia Pty Ltd
JRA	Job Risk Assessment
LEP	Local Environmental Plan
LOR	Limit of Reporting
NATA	National Accreditation Testing Authority
OCP	Organochlorine Pesticides
OPP	Organophosphate P
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyls
PID	Photoionisation Detector
POEO Act	Protection of Environment Operations Act
PSI	Preliminary Site Investigation
QA/QC	Quality Assurance/Quality Control
RPD	Relative Percentage Difference
SAQP	Sampling Analytical and Quality Plan
SWMS	Safe Work Method Statement
TRH	Total Recoverable Hydrocarbons
VOC	Volatile Organic Compounds

1. Introduction

1.1 Background

JBS&G Australia Pty Ltd (JBS&G) was engaged by The Austral Brick Company Pty Ltd (Austral, the client), to conduct a preliminary site investigation (PSI) for the proposed Oakdale East Precinct 5 redevelopment site, access road and associated stormwater detention basin to the south-west of Precinct 5, part of the Oakdale East redevelopment, located at Austral Bricks Plant 23, 10 Old Wallgrove Rd, Horsley Park NSW 2175 (the site). The site is formally identified as Part Lot 103 in DP1268366 and comprises a total area of approximately 5.13 hectares (ha). The site location and site layout are shown in **Figures 1** and **2** respectively.

It is understood that the client is seeking to redevelop the site for a commercial and industrial (warehouses) land use. A Preliminary Environmental Site Assessment (PSA, JBS&G 2022²) was conducted across accessible areas of Oakdale East Stages 2-4 redevelopment sites, adjacent to the site. It is understood that a PSI is now required also for the Precinct 5 site and associated infrastructure footprint to support the lodgement of the State Significant Development Application (SSDA) for the above ground redevelopment of Oakdale East, including the site.

The scope of works for this investigation comprised a review of available site history, previous investigation reports and publicly available information to identify potential areas of environmental concern (AECs) and associated contaminants of potential concern (COPC) and preparation of a PSI report in general accordance with relevant EPA endorsed guidelines to assess the suitability of the site from a contamination perspective for the proposed commercial use, or to make recommendations to enable such assessments to be made in the future.

This assessment has been developed in general accordance with NEPC (2013³) and guidelines made or approved by the NSW Environment Protection Authority (EPA) and relevant Australian Standards.

1.2 Objective

The objective of the PSI is to evaluate potential contamination conditions at the site and assess the suitability of the site for the proposed use, or to make recommendations to enable such assessments to be made in the future.

1.3 Scope of Work

The scope of works completed for this investigation comprised:

- A desktop review of site history and background information, to identify potential AECs and associated COPCs, including;
 - Section 10.7 (2&5) planning certificate provided by Council;
 - Historical aerial photographs;
 - Publicly available heritage records held by the Department of Planning and Environment and Council;
 - Records of stored Dangerous Goods held by SafeWork NSW;
 - Review of current and historical land title records;

² Preliminary Environmental Site Assessment, Austral Bricks Plant 23 Quarry, 10 Old Wallgrove Road, Horsley Park, NSW 2175. JBS&G. 7 February 2022 Rev 0 (JBS&G 2022)

³ National Environmental Protection (Assessment of Site Contamination) Measure 2013. National Environment Protection Council, 2013 (NEPC 2013).

- Records of environmental incidents, and current or former environmental licenses for the site and immediate surrounds as held by the EPA;
- Review of loose fill asbestos insulation (LFAI) register;
- Review of naturally occurring asbestos (NOA) maps;
- Review of NSW EPA PFAS investigation program register;
- Review of the environmental setting of the site and surrounding areas, including topography, geology and hydrogeology; and
- Review of licensed groundwater bores present within proximity of the Site.
- A detailed inspection of the site to confirm the desktop findings and identify the presence of AECs;
- Development and documentation of a Conceptual Site Model (CSM) based on the available information; and
- Preparation of this report documenting the results of the investigation.

2. Site Condition and Environmental Setting

2.1 Site Identification

The location of the site is shown in **Figure 1**, with the current layout presented as **Figure 2**. Site details are summarised in **Table 2.1**.

Table 2.1: Summary Site Details

Lot / DP	Part Lot 103 in DP1268366
Current Zoning	IN1 General Industrial
Local Government Authority	Fairfield City Council
Approximate MGA Coordinates (MGA 56)	Easting: 299460 Northing: 6255260
Previous Use	Mining / quarrying related activities
Current Use	Commercial / Industrial land-use
Approximate Site Area	5.13 hectares

2.2 Site Description

A detailed site inspection was undertaken by Jessica Staehli, one of JBS&G's trained and experienced environmental consultants on 21 March 2022. Site observations are discussed below, and a photographic log is provided in **Appendix A**. The site layout is shown in **Figure 2**. A summary of the key observations made during the site inspection are as follows.

It is noted that the Precinct 5 area is situated within the operational Quarry West area and as such, was not physically defined by on-site characteristics at the time of the site inspection other than the northern extent which is consistent with the current Quarry fenced site boundary. Given the current status of the site, the site is accessible from the surrounding areas of the Plant 23 Quarry and is currently operational, with ground levels appearing consistent with those across surrounding sites.

Precinct 5 Area (North-Eastern Portion of the site)

The Precinct 5 portion of the site comprised the Quarry West void in the western portion, with adjacent grassed/vegetated areas and earthen access roads comprising the eastern portion of the site. Surface water was present within the base of Quarry West at the time of the inspection due to heavy rainfall at the site prior to the inspection. The surface water was light brown in colour with moderate turbidity with no evidence of sheen on the water surfaces.

The grassed area directly east of Quarry West was raised slightly from the access road leading around the site and was used as a temporary stockpiling area for Brown Shale brickmaking material. The earthen access roads in the northern and eastern portions of the site leading from the main quarry appeared to be cut through natural material as observed from the adjacent embankments, with no visible evidence of contamination observed. Further north from the access road, additional grassed/vegetated areas were observed including a vegetated bund in the north-eastern portion of the site. Information from Austral identified the bund as being reported to comprise topsoil generated from the site prior to commencement of the quarrying activities.

The entire Precinct 5 area was fenced, noting the fencing applies to the broader Austral grounds, and so where the site does not extend to the premises boundary, there is no physical internal barrier. The site generally sloped to the east and south, with surface water ultimately flowing into Quarry West via pathways through the sunken access roads. No evidence of chemical/fuel storage or vehicle maintenance areas were observed across the site. No evidence of contamination (visual or olfactory in the form of staining or odours) were observed across the inspected areas of exposed ground surfaces. No evidence of waste disposal, drum or chemical storage were observed at the site.

Stormwater Detention Basin and Access Road (South-Western Portion of the site)

The stormwater detention basin area comprised a relatively flat area of sparsely vegetated ground. The western portion of the basin appeared to have been historically used for stockpiling during

previous quarrying activities with a higher ground elevation across the south-western portion (adjacent to Stage 4) than the remaining area, and some crushed sandstone material overflow observed on the ground surfaces adjacent to the existing sandstone brick making material stockpile. No evidence of contamination (visual or olfactory in the form of staining or odours) were observed across the inspected areas of exposed ground surfaces. The north-eastern portion of the basin comprised an earthen access road leading from the main quarry haul road to the north through to the southern boundary of Quarry West. Further north, grassed areas were observed and appeared to be in good condition.

The access road proposed from Precinct 5 comprised a portion of Quarry West, with the south-western portion comprising the earthen access road and vegetated areas in good condition. Overhead power lines were observed across the eastern portion of the proposed new basin footprint, running above the access road in a south-eastern direction. Associated towers were located to the north-west and south-east of the new basin area.

2.3 Surrounding Land Uses

Current features surrounding the site are summarised following:

- North: Infrastructure services corridor occupied by the Sydney Water Warragamba to Prospect pipeline. Commercial/industrial warehousing is located beyond the pipeline easement to the north-west of the site along Old Wallgrove Road, with an electrical facility located to the north of the site beyond Roberts Road.
- East: An existing dam and grassed areas were observed, with the boundary fence of the Quarry site situated further east. The adjacent property further afield comprised private properties with vegetated areas/farmland. The Reedy Creek riparian zone is also present to the east of the site beyond the Quarry site boundary.
- South: The site was bound to the south by the existing Plant 23 quarry to the south-west, with Reedy Creek and the Cumberland Ecology area situated directly south of the site, in addition to mixed rural residential sites, beyond the quarry site boundary. A number of these properties appeared to be occupied by mixed businesses with shed/warehouse structures and numerous
- West: The Plant 23 Quarry bound the site to the west, with the Plant 3 Factory and Old Wallgrove Road further afield.

2.4 Topography and Hydrology

Review of published regional topographic data via the Spatial Information exchange (Six Maps⁴) indicated that the site lies within an area of typical elevations of between approximately 62-70 m Australian Height Datum (AHD). Survey data provided by Austral (**Appendix I**) identifies the historical (pre quarried) site elevation varied from approximately 62 m AHD along the eastern boundary up to 70 m AHD in the western portion of the site, with topography sloping both to the east and south. The site is located within a gently undulating regional area, where overall falls occur toward the east and the Reedy Creek alignment to the south of the site.

The site is situated within a highly modified regional landform as a result of historical quarrying activities within the broader Quarry 23 and surrounding areas including constructed visual/noise bunds present along the broader quarry boundaries.

Historical quarrying and stockpiling activities as undertaken at the site since the 1970s have resulted in significant modification of ground levels within the site. Survey plans and heat maps of the site provided by Austral (**Appendix I**) detail significant cut/quarry excavation works associated with

⁴ Six Maps website, <https://maps.six.nsw.gov.au/> accessed 25 March 2022.

Quarry West (approximately 15 metres) as well as other excavation works to the north and west of this area (less than 10 metres). The heat maps identify that some minor filling has been conducted to the east of Quarry West, assumed to be associated with stockpiling activities, as well as some minor cut/fill works within the stormwater basin and access road portions of the site.

Reedy Creek flows to the east and south of the site boundary in a south-west to north-east direction continuing in a similar orientation to meet Eastern Creek approximately 2.7 km to the north-east of the site. Eastern Creek is a tributary of the Hawkesbury River which is located approximately 25 km to the north of the site.

As discussed in **Section 2.2**, the site is largely unsealed. Where exposed, the surface soils are typically low permeability clay soils and as such, it is anticipated that minimal infiltration of precipitation falling onto the site will occur. In periods of heavy or prolonged rainfall, once the low permeability clay soils have been saturated, it is anticipated that excess water movement will follow the localised topographic gradients, including into the Quarry West void and constructed site drainage measures, that collect surface water and divert to the existing dam in the eastern portion of the site.

2.5 Geology and Soils

Reference to the online ESPADE 2.0 tool hosted by the NSW Office of Environment and Heritage (OEHS 2020⁵) and the 1:100 000 Geological Series Sydney Geological Survey of NSW Sheet 9030 (DMR 1991⁶) indicates that site is present within the following natural geological and soil landscapes:

- **Geology:**
 - Bringelly Shale (Wianamatta Group) – comprising shale, carbonaceous claystone, laminate, fine to medium grained lithic sandstone, rare coal and tuff.
 - South Creek (Alluvial) – comprising, structures plastic clays or loams, red and yellow podzolic soils mostly found with small areas of structured grey clays, leached clays and yellow solodic soils.
- **Landscape:** the natural soil profile in the western portion of the site comprises the residual Blacktown landscape, whilst the natural soil profile in the eastern portion comprises the alluvial South Creek landscape:
 - The Blacktown landscape gently undulating rises on Wianamatta shales, broad rounded crests and ridges with gently inclined slopes. Local relief to 30 m, slopes usually >5%.
 - The South Creek alluvial landscape is generally present on floodplains, valley flats and drainage depressions of the Cumberland Plain. The dominant soil materials comprise brown apedal sandy loam to sandy clay loam; hardsetting dull brown clay loam to fine sandy clay and bright low to medium clay. These areas have typically been cleared and are characterised as flat with incised drainage channels and occasional terraces or levees providing low relief with slopes less than 5 % and local relief of less than 10 m. The soils are often deeply layered sediments over bedrock or relic soils. The soils are typically underlain by Quaternary alluvium derived from the Wianamatta Group shales and Hawkesbury Sandstone. The landscape is characterised as a flood hazard with seasonable waterlogging. The soils are typically characterised as having a high erodibility, low fertility with hardsetting surfaces, strong acidity and in some instances moderate salinity.
- **Soils:** Consistent with the Landscape, the site is characterised by soils of two groups:

⁵ ESPADE 2.0. NSW Office of Environment and Heritage accessed 3 June 2021, (OEHS 2020)

⁶ Penrith Geological Series Sheet 9030 (Edition 1) 1983. Geological Survey of NSW, Department of Mineral and Resources (DMR 1991)

- 'Blacktown Residual' – shallow to moderately deep (>100 cm) hard setting mottled texture contrast soils, red and brown podzolic soils on crests grading to yellow podzolic soils on lower slopes and in drainage lines; and the
- 'South Creek Alluvial' – often very deep layered sediments over bedrock or relict soils, where pedogenesis has occurred structured plastic clays or structured loams are present in and immediately and adjacent to drainage lines, red and yellow podzolic soils are most common terraces with small areas of structured grey clays, leached clays and yellow solodic soils.
- **Limitations:**
 - 'Blacktown Residual' – localised seasonal waterlogging, localised water erosion hazard, moderately reactive highly plastic subsoil, localised surface movement potential; and
 - 'South Creek Alluvial' – flood hazard, seasonal waterlogging, localised permanently high watertables, localised water erosion hazard, localised surface movement potential.

Noting the two types of soils present across the site, the South Creek Alluvial material is likely associated with the Reedy Creek riparian zone alignment and may be isolated to areas close to this zone. The balance of soils comprise Blacktown Residual material, which is likely to be encountered across the majority of the site where alluvial deposits are not encountered, and may also be present at depth beneath more recent alluvial deposits associated with the Reedy Creek alignment.

2.6 Hydrogeology

Registered groundwater bore information was reviewed from the Water NSW⁷ online resource and is included as **Appendix B**. Review of the registered bore information identified four registered groundwater bores within 2 km radius of the site. Relevant information is summarised in **Table 2.2** below.

Table 2.2: Registered Groundwater Bore Search Summary

Bore Identification	Distance from site	Use	Drilled Depth (m bgs)	Standing Water Level (m bgs)	Encountered Lithology (m)
GW104060	1.5 km east	Monitoring	24.60	-.1	0-0.30 – topsoil 0.30-3.00 – brown clay 3.00-5.00 – brown shale 5.00-24.60 – grey shale
GW104061	1.6 km east	Monitoring	24.50	-.1	0-0.50 – fill 0.50-1.00 – topsoil 1.00-6.00 – weathered siltstone 6.00-24.50 – grey shale
GW114926	700 m north	Monitoring	13.50	-.1	0-0.15 – fill 0.15-1.70 – red brown silty clay 1.70-2.20 – dark brown silty clay 2.20-4.70 – light brown shale 4.70-12.00 – grey shale, dry 12.00-13.50 – grey shale, wet
GW114927	700 m north	Monitoring	18.00	-.1	0.0-2.70 – red brown silty clay 2.70-2.90 – silty clay grading into weathered shale 2.90-12.00 – dark grey weathered shale 12.00-18.00 dark grey shale, hard
GW114928	700 m north	Monitoring	11.50	-.1	0-0.15 – fill 0.15-0.35 – light brown silty clay 0.35-9.50 – grey brown shale, dry 9.50-11.50 – grey brown shale, wet

⁷ Water NSW website accessed 29 March 2022, <http://allwaterdata.water.nsw.gov.au/water.stm>.

¹No information presented

The nearest registered bores were located approximately 700 m north of the site and were reported to be used for monitoring purposes – the reported geology at the well location comprised shallow fill (0.15 m) underlain by dry silty clay to a depth of 2.9 m below ground surface (bgs). The silty clay was in turn underlain by dry shale to a depth of 18 m bgs from which the materials were reported to be wet from 9.50-13.50 m bgs.

Based on available information and observations made during groundwater investigation works across the adjacent Plant 3 Factory, site groundwater is anticipated to exist within a confined system in shale bedrock, albeit in one heavily modified by the completion of quarrying activities within the site and quarry void to the west. A review of the previous topography (as detailed in the survey plans in **Appendix I**) identifies that localised groundwater is likely to generally flow to the north-east towards Reedy Creek (to the east and south of the site). The freshwater body of Reedy Creek flows in a north to north-easterly direction, meeting Eastern Creek approximately 4.1 km to the north-east of the site.

Review of regional conditions indicates that regionally the site is situated between the Eastern Creek and Ropes Creek systems, which both ultimately discharge into the Hawkesbury River a significant distance from the site. Whilst it is likely that groundwater movement would occur to the east, given the proximity of the Reedy Creek system and tertiary alluvial formation, there is the possibility that overall regional groundwater movement in the west of the site may occur towards Ropes Creek approximately 1.5 km to the west of the site.

2.7 Salinity

The *Salinity Potential in Western Sydney* map (DIPNR 2002⁸) indicates that the assessment area exists within an area of ‘moderate salinity potential’ outside of drainage line areas. Areas of moderate salinity generally consist of areas susceptible to saline affectation if disturbed particularly if saline groundwater/seepage is intercepted and/or if areas of water logging can occur. Areas with this classification exhibit scattered scalding and indicator vegetation, but soil concentrations have not been mapped. Saline soils are identified as potentially existing within these areas.

Soils surrounding Reedy Creek and Ropes Creek have a ‘high salinity potential’, situated adjacent to the east and west of the assessment area respectively. Areas of high saline risk generally occur lower in the landscape, or at zones of permeability contrast, where saline groundwater may come near to the ground surface or where seepage causes waterlogged conditions, thereby concentrating soils. Typically scattered saline indicator vegetation occurs in these areas.

JBS&G note previous investigations have not specifically assessed site soil conditions for saline soils across the site. Given the historical quarrying activities across significant portions of the site, typical soil profile and groundwater seepage conditions currently do not occur within the site.

2.8 Acid Sulfate Soils

DLWC (1998⁹) states that acid sulfate soils (ASS) are likely to be located in coastal lowlands up to about 10 m Australian Height Datum (AHD). No risk map for the area encompassing the site was provided as part of the DLWC (1998) acid sulfate soil risk map series, typically indicating that such conditions have not been identified based on regional mapping of geology and soil (as discussed in **Section 2.5**).

Review of accessible data using the SEED tool, hosted by NSW OEH (2018¹⁰) indicates the area occupied by the site has not been required to be assessed for the presence of ASS based on the

⁸ *Salinity Potential in Western Sydney*. Department of Infrastructure, Planning and Natural Resources, March 2003, DIPNR 2002.

⁹ *Guidelines for the Use of Acid Sulfate Soil Risk Maps, 2nd Edition*, Department of Land and Water Conservation, March 1998.

¹⁰ *Sharing and Enabling Environmental Data (SEED)*. <https://www.seed.nsw.gov.au/> accessed 28 March 2022.

outcomes of a preliminary evaluation. Such sites are by default characterised as “no known occurrence”, being defined as areas where land management activities are not likely to be affected by ASS materials.

Planning certificates presented in **Section 3.3** and included in **Appendix C**, do not identify the site as being subject to any policies relating to ASS.

Review of the geographical and topographical location of the assessment area, there is no appreciable risk of ASS occurrence in natural soils and/or rock at the site. On this basis, there is no further requirement for consideration of ASS conditions and/or management of such during potential future ground disturbance activities.

2.9 Meteorology

A review of average climatic data for the nearest Bureau of Meteorology monitoring location (Horsley Park Equestrian Centre AWS¹¹) indicates the site is located within the following meteorological setting:

- Average maximum temperatures range from 17.4°C in July to 30.1°C in January;
- Average minimum temperatures range from 5.8°C in July to 17.9°C in January;
- The average annual rainfall is approximately 772 mm with rainfall greater than 1mm occurring on an average of 75 days per year; and
- Monthly rainfall varies from 37.1 mm in September to 118.3 mm in February with the wettest periods occurring on average in February and March.

¹¹ http://www.bom.gov.au/climate/averages/tables/cw_067119.shtml. Commonwealth of Australia, 2013 Bureau of Meteorology, Product IDCJCM0028 and accessed by JBS&G on 28 March 2022.

3. Site History

3.1 Historical Aerial Imagery

Copies of historical aerial photographs from regular intervals were obtained from the NSW Department of Finance, Services and Innovation in addition to recent aerial imagery from NearMap. Imagery is presented in relation to the site boundaries in **Appendix D**. Relevant information from the aerial imagery review is summarised in **Table 3.1**

Table 3.1: Summary of Historical Aerial Imagery Review

Year	Observations
1947	<ul style="list-style-type: none"> The site appeared to comprise a vacant and cleared parcel of land apart from remnant tree cover in the central north and north-west of Precinct 5. Two surface water drainage lines were apparent within the site, extending from the western portion of Precinct 5 in a south-westerly direction, with one drainage line passing through the footprint of the proposed stormwater detention basin. The remainder of the site appeared to be grassed. The Reedy Creek riparian zone extended from south to north to the east and south of the site as a vegetated corridor. Disturbed ground was observed to the west of Precinct 5, slightly encroaching onto the north-western corner, inclusive of a potential dam further west. Other bare earthen areas were observed in the north-eastern corner of Precinct 5. The Sydney Water pipeline easement was apparent to the north of the site. The surrounding land otherwise appeared consistent with the site and comprised of vacant and cleared land.
1956	<ul style="list-style-type: none"> The site appeared to be relatively consistent with the 1947 aerial, with the previous bare earthen areas appearing to be now vegetated with grass cover. A potential surface water drainage line was observed in the north-eastern corner of Precinct 5. The site surrounds appeared relatively consistent with the 1947 aerial.
1961	<ul style="list-style-type: none"> The site and immediate surrounds appeared relatively consistent with the 1956 aerial, with additional filling works observed directly west of Precinct 5.
1970	<ul style="list-style-type: none"> The site appeared relatively consistent with the previous 1961 aerial, with the overhead power lines visible running north-west to south-east through the stormwater detention basin. Denser tree cover was observed in the north-western corner of Precinct 5. Filling works were observed to the north of the site, north of the Sydney Water Pipeline, with the remaining surrounds appearing relatively consistent with the 1961 aerial.
1975	<ul style="list-style-type: none"> The site and immediate surrounds appeared relatively consistent with the 1970 aerial.
1983	<ul style="list-style-type: none"> The site and immediate surrounds appeared relatively consistent with the 1975 aerial.
1986	<ul style="list-style-type: none"> The Precinct 5 and access road portions of the site appeared relatively consistent with the 1983 aerial, with denser tree cover observed in the north-western corner. Burn scars, consistent with a grass fire, were apparent across the western and southern portions of the stormwater detention basin footprint, extending to the west through the Plant 23 quarry. Quarrying activities to the south-west of the site were also apparent in this aerial. To the north of the site, development was occurring further afield from the Sydney Water pipeline.
1998	<ul style="list-style-type: none"> The Precinct 5 and access road portions of the site appeared relatively consistent with the 1986 aerial, with denser tree cover observed across the north-western and south-eastern portions. The stormwater detention basin portion was vegetated with grass cover with the previously identified burn scars no longer visible, with the Plant 23 quarrying activities extending onto the north-western portion of the basin. Plant 23 quarrying activities were more apparent to the north-west, with quarry voids observed. To the south of the site, two dams were constructed associated with the adjacent mixed use rural residential properties.
2010	<ul style="list-style-type: none"> Quarrying activities had commenced across the site, with the construction of an earthen bund across the northern portion of Precinct 5 and a large soil stockpile across the central-southern portion, inclusive of the northern portion of the access road. A dam had also been constructed to the east of Precinct 5 that slightly encroached into the site. To the south-west of Precinct 5, the vegetation had been stripped with some cut/fill works observed to be occurring.

Year	Observations
	<ul style="list-style-type: none"> The stormwater detention basin portion appeared to be used for stockpiling, with a large stockpile comprising most of this portion of the site, including an earthen access road in the southern portion leading into the adjacent quarry void. The remaining surrounds appeared relatively consistent with the 1998 aerial, with increased quarrying activities to the south-west of the site including quarry voids and stockpiled soils.
2013	<ul style="list-style-type: none"> The Precinct 5/northern access road portion of the site appeared to be used for stockpiling with multiple stockpiles of differing material types observed across the site. The access road leading from the main quarry to the west of the site has been constructed. Soil stockpiles were observed across the central-southern site portion. The stormwater detention basin portion also appeared to be used for stockpiling. The site surrounds appeared relatively consistent to the 2010 aerial.
2015	<ul style="list-style-type: none"> The Precinct 5/northern access road portion of the site appeared to be used for stockpiling, with the beginning of the Quarry West excavation present to the west of this portion. The stormwater detention basin appeared to have been mostly cleared of soil stockpiles and comprised bare earth. To the west of the basin, the adjacent quarry void appeared to be filled with soil stockpiles. The remaining surrounds appeared relatively similar to the 2013 aerial.
2018	<ul style="list-style-type: none"> The Quarry West void within Precinct 5 and the access road had been extended into the south-western portion of the site. The void appeared to be filled with surface water run-off. The western extent of the bund in Precinct 5 appeared to have been removed and replaced by an earthen access road leading from the main quarry to the west. The western portion of Precinct 5 appeared to remain in use for stockpiling. The stormwater basin portion of the site appeared relatively unchanged from the 2015 aerial, with increased vegetation growth observed across the area. The remaining surrounds appeared relatively unchanged from the 2015 aerial, with some changes in stockpiled soils across the adjacent Plant 23 quarry area.
2020	<ul style="list-style-type: none"> The site remained relatively unchanged from the 2018 aerial, with the base of Quarry West now visible. Minor changes to stockpiled soils were observed across Precinct 5, with an earthen access road now observed through the stormwater detention basin portion.
2022	<ul style="list-style-type: none"> The Precinct 5 and access road portions appeared relatively unchanged from the 2020 aerial, with an extension of the Quarry West void to the north-east and some additional stockpiles observed within the void. A more defined access road was observed around the void and stockpiling area, ultimately leading into the southern portion of Quarry West and linking to the earthen access road through the stormwater basin. Ground disturbance in the southern portion of the stormwater basin was observed, assumed to be a result of stockpiling activities as part of the adjacent Plant 23 quarry operations. The remaining surrounds appeared relatively unchanged from the 2020 aerial.

3.2 Historical Land Titles

Historical title records are included in **Appendix E**. A copy of the historical title documentation obtained for the site was provided in DP (2018). The historical title details as identified are summarised as follows:

- 1919 to 1950 – Grazier (unknown);
- 1950 to 1967 – Penfolds Wines; and
- 1967 to date – Austral Bricks.

3.3 Council Planning Certificates

A copy of the Section 10.7(2&5) Planning Certificate was obtained for the property identified as Part Lot 103 in DP1268366 from Fairfield City Council and is included as **Appendix C**. The planning certificate included the following information pertaining to the site:

- The site is not covered by the Fairfield Local Environmental Plan (LEP) 2013, or other Environmental Planning Policy/Plan;
- The development of the site is governed by the State Environmental Planning Policy (SEPP) (Design and Place) 2021 and is zoned as IN1 General Industrial under this SEPP;

- The land is affected by airport safeguards under the SEPP (Precinct – Western Parkland City) 2021. Subject to a Development Application any land affected by wildlife hazard provisions of the SEPP may require additional State or Commonwealth approval and additional technical assessment reports;
- The site does not comprise critical habitat;
- The site is not located within a conservation area;
- The land is not biodiversity certified land;
- The site is not subject to road widening or road realignment by an environmental planning instrument;
- The land is subject to flood related development controls, being defined as partly with a High Flood Risk Precinct, partly within a Medium Flood Risk Precinct and partially within a Low Flood Risk Precinct as a result of mainstream flooding and partly not affected by mainstream flooding;
- The site is classified as bush fire prone which may place restrictions or special requirements on development of the site in relation to bushfire affectation;
- The land is not within a proclaimed Mine Subsidence District;
- No property vegetation plans apply to the land; and
- No order has been made with respect to the trees on the land.

Under the section Matters Arising under the Contaminated Land Management Act 1997, it was reported that the following information is available to Council:

- The land is not significantly contaminated land;
- The land is not subject to a management order;
- The land is not subject to an approved voluntary management proposal;
- The land is not subject to an ongoing maintenance order; and
- The land is not subject of a site audit statement.

3.4 NSW EPA Records Search

A search of the NSW EPA's public register maintained under the *Protection of the Environment Operations Act (POEO) 1997* was undertaken and is included as **Appendix F**.

The search was completed through the following public registers:

- NSW EPA Protection of the Environment Operations Act public register of licence, applications and notices (maintained under Section 308 of the *Protection of the Environment Operations Act 1997* (POEO Act)).
 - No prevention, clean-up or prohibition notices and no transfer, suspension, surrender or revocation of an environment protection licences (EPL) has been issued under the POEO Act for the site.
 - EPL 546 has been issued to the client for the site (earliest record from July 2002), for activities surrounding the mining of minerals and manufacture of bricks and ceramics including waste generation and materials storage. The most recent variation of EPL 546 (November 2021) authorises the carrying out of the following activities:
 - 5-100 tonnes (T) annual volume of ceramic waste generation;
 - Less than 200 000 T annual production of ceramics;

- 500 000-2 000 000 T annual capacity for each activity comprising crushing, grinding or separating processes, land-based extractive activities and mining for minerals; and
- Less than 50 000 m³ annual production capacity for concrete works (associated with the development of the Oakdale East Stage 1 industrial complex to the south-west of the site).
- EPL 546 details the allowable concentration limits for water and air pollutants, volume discharge limits, noise limits and other relevant operating, monitoring and recording conditions to be upheld by Austral during operation.
- EPL 123 has been issued to PGH (earliest available licence June 2000) and CSR (earliest available licence March 2005) to the south of the site for similar brickmaking activities, mineral extraction and brick and ceramic manufacture including waste generation.
- EPL 20953 has been issued to RB (Hygiene Home) Australia PTY LTD 800 m west of the site. The licence relates to the storage of up to 100,000 kL of dangerous chemicals. The earliest available licence for this premise is dated January 2018.
- Several clean up notices have been issued for domestic dwellings around the site since the year 2000.
- NSW EPA contaminated land public register of record of notices (under Section 58 of the *Contaminated Land Management Act 1997* (CLM Act)).
 - No notices have been issued under the CLM Act for the site and immediate surroundings.
- NSW contaminated sites notified to the EPA (under Section 60 of the CLM Act).
 - The site and immediate surrounds are not on the list of NSW contaminated sites notified to the EPA.

Based on the type of activity, down/cross gradient nature or distance from the site, none of the properties within EPA records are considered to pose a contamination risk to the site.

3.5 Local Searches (NSW: Loose Asbestos Fill Register)

A search of the Fair-Trading NSW Loose-fill Asbestos Insulation Register (LFAI register¹²) for the site address has indicated the site is not currently registered as being affected by the presence of LFAI.

3.6 Australian and State Heritage Registers

A search of the Australian Heritage database and NSW Heritage database completed on 30 March 2022 did not identify any heritage listed items at the site or immediate surrounds. Records of Heritage search results are provided in **Appendix G**.

3.7 SafeWork NSW Dangerous Goods Records Search

A search of SafeWork NSW records for on-site storage of Dangerous Goods was undertaken for the entire Plant 23 quarry (former Lot 140 DP 1180973), inclusive of the remainder of the quarry portion to the north of the Oakdale East redevelopment site and the Stage 1 redevelopment area to the south-west. Multiple dangerous goods storage records were identified, however, are related to portions of the broader Plant 23 Quarry and factory with no records of historical or current dangerous good storage on the site. A full discussion on the dangerous goods records is provided in the PSA (JBS&G 2022).

Detailed records are presented in **Appendix H**.

¹² <https://www.fairtrading.nsw.gov.au/loose-fill-asbestos-insulation-register> accessed 3 June 2021.

3.8 EPA Per- and Poly- Fluoroalkyl Substances (PFAS) Register

A search of the NSW EPA PFAS investigation register¹³ indicated that the site and surrounds are not currently under investigation for PFAS contamination.

3.9 Site History Summary

From review of historical site information, the site was a cleared vacant or agricultural land parcel until the 2000s, with quarrying works beginning from the 2000s onwards under a mining license. The site appeared to be used as a mixture of stockpiling areas and quarrying activities, with Quarry West within the Precinct 5 portion of the site subsequently expanding significantly from 2015-2022.

3.10 Integrity Assessment

Based on the range of sources and the general consistency of the historical information along with historical aerial photographs, it is considered that the historical assessment has an acceptable level of accuracy with respect to the potentially contaminating activities historically occurring at the site.

¹³ <https://www.epa.nsw.gov.au/your-environment/contaminated-land/pfas-investigation-program>. Accessed 3 June 2021.

4. Summary of Previous Site Assessments

4.1.1 JBS&G Preliminary Environmental Site Assessment (JBS&G 2022) – Oakdale East Stages 2-4 Redevelopment

This preliminary environmental site assessment was completed for a portion of the broader quarry area to the west of the Precinct 5 site known as proposed Oakdale East Stages 2-4.

The scope of works for this investigation comprised a review of available site history, previous investigation reports and publicly available information to identify potential areas of environmental concern (AECs) and associated contaminants of potential concern (COPC), soil sampling, analysis of selected samples for identified COPCs, comparison of collected data against relevant EPA endorsed criteria and preparation of a PSA report in general accordance with relevant EPA endorsed guidelines to assess the suitability of the site from a contamination perspective for the proposed commercial use, or to make recommendations to enable such assessments to be made in the future.

The site investigation works comprised a detailed site inspection and advancement of 93 test pits across the site from which selected soil samples were submitted for laboratory analysis to sufficiently characterise site conditions.

Based on the scope of work completed for this investigation the following conclusions are drawn:

- The site was a cleared vacant or agricultural land parcel until the early-mid 1970s, with the quarrying works conducted from approximately 1978 onwards under a mining license. Quarrying works on the site began to the east of Plant 3 and within the central-southern portion of the site, expanding through the central portion in the 1980s. The remainder of the site appeared to be subject to quarrying and/or stockpiling of varying shale materials for brickmaking purposes from the late 1980s to present.
- Potential sources of contamination were identified as part of the site history review and site inspection as related to the following: fill materials of unknown origin imported to the site; cross contamination or leaching from historically overlying fill materials to natural materials/water retention dams and spills or leaks associated with vehicle storage and/or maintenance.
- Representative samples of fill and natural soil were selected and analysed for a range of identified potential contaminants of concern including heavy metals, total recoverable hydrocarbons (TRHs), benzene, toluene, ethylbenzene and xylene (BTEX), polycyclic aromatic hydrocarbons (PAHs), organochlorine pesticides (OCPs), organophosphate pesticides (OPPs), polychlorinated biphenyls (PCBs), phenols, per- and poly-fluoroalkyl substances (PFAS) and asbestos.
- The reported concentrations of all contaminants of concern within soil samples submitted to the laboratory for analysis were below the adopted criteria protective of ecological and human health.
- Bonded asbestos containing material (ACM) was detected in soils from 0-1 m bgs at three test pit locations and one fragment was identified on the ground surface. Concentrations of ACM at these locations were all below the site assessment criterion for bonded ACM. Asbestos Fines (AF) were reported at trace level (below the site assessment criterion) in one sample co-located with the ACM. To this extent, asbestos in soil within the Stages 2-4 site is considered to not pose a potentially unacceptable risk to future site receptors and is considered not to specifically require remediation from a contaminated land perspective. However, in accordance with NEPC (2013), the bonded ACM should not be present within the final surficial 100 mm profile for aesthetic reasons.

- Separate from the consideration of long term health risks, the bonded ACM will also require management from a Work Health and Safety (WHS) perspective during future activities that may result in ground disturbance in this area of the site.
- Based upon the assessment outcomes, and consideration with site conditions, it is considered that sufficient site characterisation has been completed to enable the preparation of a framework remedial action plan (RAP) to address requirements for management of potential contamination at the site such that upon completion of the proposed rehabilitation works, sufficient information will be available to demonstrate the suitability of the site for the proposed commercial/industrial land use. The RAP will detail the required management procedures for asbestos impacted soils (including the relocation of the existing containment cell) as well as detailing material characterisation densities and associated remediation and validation actions for fill materials that were inaccessible during this PSA, including potential Unexpected Finds (UFs).

5. Preliminary Conceptual Site Model

NEPC (2013) identifies a conceptual site model (CSM) as a representation of site related information regarding contamination sources, receptors and exposure pathways between those sources and receptors. The development of a CSM is an essential part of all site assessments.

NEPC (2013) identified the essential elements of a CSM as including:

- Known and potential sources of contamination and contaminants of concern including the mechanism(s) of contamination;
- Potentially affected media (soil, sediment and ambient air);
- Potential receptors; and
- Potential and complete exposure pathways.

5.1 Potential Areas of Environmental Concern

Based on the history review and observations made during the JBS&G inspection of the site, AECs and associated COPCs have been identified and are presented in **Table 5.1**.

Table 5.1 AECs and associated COPCs

AEC	COPC	Potential Impacted Media
Fill of unknown origin used to generate current site levels or otherwise stockpiled across the site	Asbestos in soils Heavy metals TRHs BTEX	Soil Groundwater Soil Vapour Surface Water
Natural Materials – cross contamination or leaching from historically overlying fill materials, including placed construction/demolition and brickmaking waste material	PAHs OCPs/OPPs PCBs Volatile Organic Compounds (VOCs) Aesthetic impacts from anthropogenic materials	Soil Groundwater Soil Vapour
Spills or leaks associated with the storage and/or maintenance, vehicle washing etc. of plant and machinery	Heavy metals, TRH/BTEX, PAH, VOCs.	Soil Groundwater Soil Vapour Surface Water

Consideration to other COPCs has been given based on historical sit use information for the broader quarry site. Review of the site history and environmental setting (**Section 3**) has not identified historical aviation, or fire-fighting operations at the site. The site has been utilised as a commercial/industrial quarry facility since the 2000s and as a result, there is a low likelihood of the use of PFAS at the site as the use of PFAS foams was generally associated with fuel and/or solvent based fires, rather than environmental sources typical of wildfire/grass fire conditions in paddocks in Western Sydney. Foams were not standard equipment for either metropolitan or rural fire brigades such as those that may have attended the grass fire incident if separate to Austral personnel. As such, PFAS compounds are considered to not be a COPC requiring further assessment with respect to site contaminant risks. It is also noted that there were no PFAS detections in soils analysed as part of the PSA (JBS&G 2022).

Whilst the potential historical storage of explosives at the site during quarrying activities has been identified within licence application documents, Austral personnel have provided advice that to their knowledge no blasting occurred at the site. Further, there is a low degree of accuracy as to the proposed location nominated in the licence application and it is not apparent in aerial images taken in subsequent years, with the nominated location a significant distance from the site. As such, even if a quantity was stored on the site, it is considered likely to have been small and given the time period since the licence relinquishment in 1991, the level of uncertainty as to historical activities, in

addition to change in site condition, prior to excavation of the containment cell, the likelihood of obtaining any meaningful characterisation data that could be definitively associated with the explosives store footprint is very low. Further, given the inferred minimal quantities of explosives stored if there was no blasting program and the fact that storage would have occurred between 30 and 50 years ago, there is no risk based justification to nominated explosives as a COPC and the associated footprint as an AEC at the site.

5.2 Potentially Contaminated Media

Each of the AECs and corresponding COPCs identified in **Section 5.1** have the potential to impact soil, surface water including current and former sediment basins/dams, groundwater and/or soil gas (where volatile constituents are identified) at the site.

Potential remains for contamination resulting from stockpiling of potential fill material of unknown origin across the site, or use of site waste materials to create former/existing site levels, and as may be associated with historical quarrying works given the absence of imported material records available. In addition, where fill material is present at depth, or soil has been disturbed, there is a likelihood that environmental impact may be present at depth, consistent with the depth of the disturbance. Anthropogenic materials are commonly present in disturbed/impacted fill materials and can be used as an indication of the depth of disturbance.

Natural soils and/or bedrock underlay the fill material in various areas of the site and may potentially be impacted by the downward migration of contaminants through fill. There is the potential for the leaching of contaminants vertically from fill into groundwater and/or potential off-site impacts. Natural soils/rock may also be impacted by contaminated groundwater migration (if present).

Given the potential for leaks associated with machine maintenance/vehicle washing etc and the potential volatile nature of some contaminants potentially present within fill, natural materials and groundwater, there is the potential for soil vapour to be a contaminated medium.

In addition, given the Quarry West void can act as a temporary surface water detention basin during periods of heavy rainfall, and the potential for fill materials and natural soils to be impacted associated with historical site land uses, surface water has been identified to be a potentially contaminated media, as well as the potential for underlying soils within the void to be impacted, should contamination be identified in surface water.

Based upon assessment of geological conditions at the site including consideration of the potential future development activities in accordance with ASSMAC (1998), it has been concluded that there are no risks from potential ASS at the site that require consideration during future development activities and/or proposed land uses.

5.3 Potential for Migration from Site

Contaminants generally migrate from site via a combination of windblown dusts, rainwater infiltration, groundwater migration and surface water runoff. The potential for contaminants to migrate is a combination of:

- The nature of the contaminants (solid/liquid and mobility characteristics);
- The extent of the contaminants (isolated or widespread);
- The location of the contaminants (surface soils or at depth); and
- The site topography, geology, hydrology and hydrogeology.

The COPCs identified as part of the site history review and site inspection are generally in solid form (e.g. asbestos, PAHs and metals), liquid form (e.g. TRH, BTEX, OCPs and PCBs) or gaseous form (e.g. BTEX, volatile TRH, VOCs and semi-volatile PAHs).

The potential solubility of chemical contaminants in soil, in addition to the rate of surface water intrusion, perched water seepage and groundwater movement across the site will influence the potential for migration of soil and groundwater based contamination within and from the site. Should leachable contaminants be identified in soils, then potential groundwater contamination and subsequent off-site migration of contaminants in groundwater will require consideration.

Due to the unsealed nature of the site, there is considered to be a moderate potential for the generation of windblown dust generated from surface soils. The potential for contamination migration via surface water movement and infiltration of water and subsequent migration through the soil profile is considered generally to be low given the extent of low permeability soils in the assessment area.

Natural soils at the site comprise relatively impermeable clay overlying residual shale and inter-bedded sandstone at the western site extent. Notwithstanding, migration of potentially impacted groundwater may occur over moderate to long time periods. Migration of contaminants from the site via infiltration into groundwater is considered to be a potential pathway if there is significant liquid or liquid soluble (e.g. hydrocarbon) COPCs.

If petroleum hydrocarbon contamination occurs in soil, there is the potential for these impacts to also occur in groundwater and soil vapour underlying the site. The potential for off-site migration of vapours will only be relevant where these constituents are identified at significant levels. These constituents can migrate laterally from the site through diffusive/advective processes as well as through preferential pathways (refer to **Section 5.5**). Should elevated levels of volatile contaminants in soil be identified, then soil vapour impacts and potential off-site migration of these constituents will require further consideration.

5.4 Potential Human and Ecological Receptors and Exposure Pathways

Potential human receptors present within the site included site development workers and future site occupants who may potentially be exposed to COPC through direct contact with impacted site soils and/or inhalation of dusts/fibres associated with impacted soils.

Potential ecological receptors include flora and fauna present across the site and in nearby topographically down-gradient areas, including Reedy Creek, comprising a sensitive receptor nearby to the site.

5.5 Preferential Pathways

For the purpose of this assessment, preferential pathways have been identified as natural and/or man-made pathways that result in the preferential migration of COPCs as either liquid, gas or fibres.

In the context of the site, the preferential pathways include areas of previously disturbed soils that may be acting as a higher permeability pathway for liquid or gas contamination (if present) than the natural clay/shale lithologies.

6. Conclusions

Based on the scope of work completed for this investigation and the limitations described in **Section 7**, the following conclusions are drawn with regard to the site:

- Potential sources of contamination were identified as part of the site history review and site inspection as related to the following: fill materials of unknown origin imported/stockpiled on the site; cross contamination or leaching from historically overlying fill materials to natural materials/temporary surface water present at the site; and spills or leaks associated with vehicle storage and/or maintenance activities as may have occurred within the site;
- It is unlikely that activities at the site will have contaminated the land to a degree that would prevent the redevelopment of the site for commercial / industrial land-use; and
- In the event that contamination is identified at the site, it is anticipated that the site can be made suitable for the proposed land-use.

Based on these conclusions, JBS&G recommend that prior to redevelopment at the site, planned intrusive investigations should be undertaken to provide a quantitative assessment of contaminant levels as associated with the areas of environmental concern identified above to confirm the suitability of the site (from a contamination perspective) for the proposed use. Should contamination be identified during intrusive investigations, sufficient data will be collected to facilitate the preparation of a remedial action plan (RAP) for implementation during proposed earthworks to manage any identified contamination impacts.

7. Limitations

This report has been prepared for use by the client who has commissioned the works in accordance with the project brief only, and has been based in part on information obtained from the client and other parties.

The advice herein relates only to this project and all results conclusions and recommendations made should be reviewed by a competent person with experience in environmental investigations, before being used for any other purpose.

JBS&G accepts no liability for use or interpretation by any person or body other than the client who commissioned the works. This report should not be reproduced without prior approval by the client, or amended in any way without prior approval by JBS&G, and should not be relied upon by other parties, who should make their own enquiries.

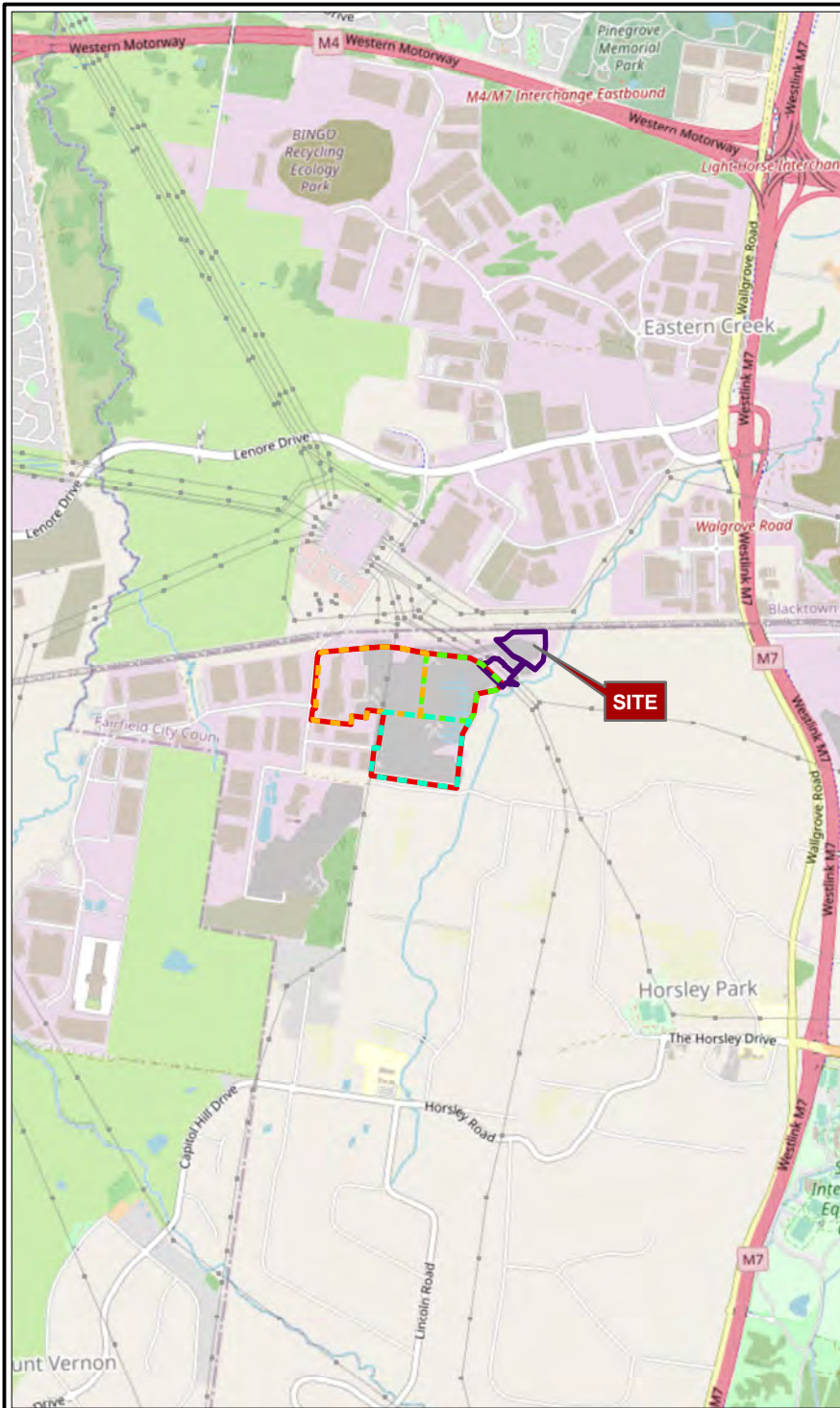
Sampling and chemical analysis of environmental media is based on appropriate guidance documents made and approved by the relevant regulatory authorities. Conclusions arising from the review and assessment of environmental data are based on the sampling and analysis considered appropriate based on the regulatory requirements.

Limited sampling and laboratory analyses were undertaken as part of the investigations undertaken, as described herein. Ground conditions between sampling locations and media may vary, and this should be considered when extrapolating between sampling points. Chemical analytes are based on the information detailed in the site history. Further chemicals or categories of chemicals may exist at the site, which were not identified in the site history and which may not be expected at the site.

Changes to the subsurface conditions may occur subsequent to the investigations described herein, through natural processes or through the intentional or accidental addition of contaminants. The conclusions and recommendations reached in this report are based on the information obtained at the time of the investigations.

This report does not provide a complete assessment of the environmental status of the site, and it is limited to the scope defined herein. Should information become available regarding conditions at the site including previously unknown sources of contamination, JBS&G reserves the right to review the report in the context of the additional information.

Figures



- Legend:**
- Approximate Boundary - Oakdale East
 - Precinct 5 Boundary
 - Redevelopment Stage Boundaries**
 - Stage 2
 - Stage 3
 - Stage 4



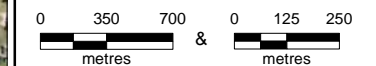
Job No: 60530

Client: The Austral Brick Company

Version: R06 Rev A Date 26/03/2022

Drawn By: RF Checked By: JS

Scale: 1:40,000 & 1:18,000



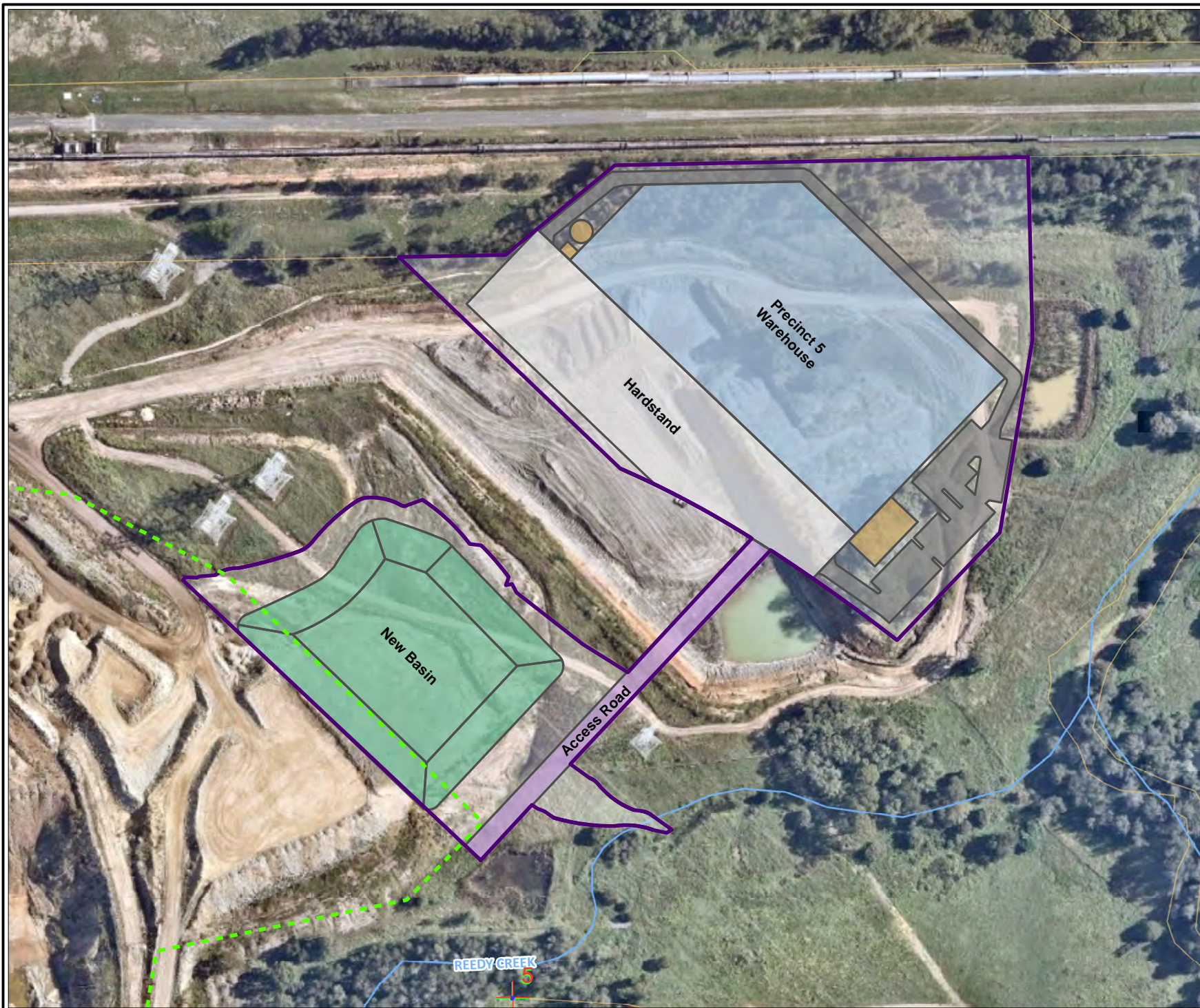
Coord. Sys. GDA 1994 MGA Zone 56

**10 Old Wallgrove Road,
Horsley Park, NSW**

**OAKDALE EAST-
STAGES 2, 3 AND 4
AREAS OF INVESTIGATION**

SITE LOCATION

FIGURE 1



Legend

- Precinct 5 Boundary
- NSW Cadastre (DFSI, 2021)

Redevelopment Stage Boundaries

- Stage 4

Proposed Development

- Precinct 5 Warehouse
- Hardstand
- Pathways/Carpark
- Storage/Infrastructure
- New Basin
- Access Road

Job No: 60530

Client: Austral

Version: Misc	Date 26/03/2022
Drawn By: JA/RF	Checked By: JS

Scale 1:2,250

Coord. Sys. GDA 1994 MGA Zone 56

**10 Old Wallgrove Road,
Horsley Park, NSW**

**OAKDALE EAST-
STAGES 2, 3 AND 4
AREAS OF INVESTIGATION**

SITE LAYOUT - PRECINCT 5

FIGURE 2

Appendix A Photographic Log

1. NORTH-EASTERN PORTION OF PRECINCT 5 (NORTH FACING), BUND STOCKPILE OBSERVED ON THE NORTHERN BOUNDARY



2. SOUTH-EASTERN PORTION OF PRECINCT 5 (SOUTH FACING)



3. CENTRAL/WESTERN PORTION OF PRECINCT 5 (NORTH-WEST FACING), QUARRY WEST AREA



4. CENTRAL NORTHERN PORTION OF PRECINCT 5 (WEST FACING)



Job No: 60530

Client: Austral Bricks

Version: R06 Rev A

Date: 28.03.2022

Drawn By: JS

Checked By: JR

Not to Scale

Coord. Sys n/a

**Austral Bricks Plant 3
10 Old Wallgrove Road
Horsley Park NSW**

**Precinct 5
Preliminary Site Assessment**

APPENDIX A: PHOTO LOG

5. CENTRAL PORTION OF PRECINCT 5 (WEST FACING)



6. NEW STORMWATER BASIN AREA (WEST FACING)



7. NEW SEDIMENT BASIN AREA (NORTH-WEST FACING)



8. NEW ACCESS ROAD FROM PRECINCT 5 (WEST FACING)



Job No: 60530

Client: Austral Bricks

Version: R06 Rev A

Date: 28.03.2022

Drawn By: JS

Checked By: JR

Not to Scale

Coord. Sys n/a

**Austral Bricks Plant 3
10 Old Wallgrove Road
Horsley Park NSW**

**Precinct 5
Preliminary Site Assessment**

APPENDIX A: PHOTO LOG

Appendix B Registered Groundwater Bores

WaterNSW

Work Summary

GW104060

Licence:	Licence Status:
Authorised Purpose(s): Intended Purpose(s): MONITORING BORE	
Work Type: Bore	
Work Status:	
Construct.Method: Rotary	
Owner Type:	
Commenced Date:	Final Depth: 24.60 m
Completion Date: 22/08/2001	Drilled Depth: 24.60 m
Contractor Name: INTERTEC DRILLING SERVICES	
Driller: William Crump	
Assistant Driller:	
Property:	Standing Water Level (m):
GWMA:	Salinity Description:
GW Zone:	Yield (L/s):

Site Details

Site Chosen By:			
County		Parish	Cadastre
Form A: CUMBERLAND		MELVILLE	LT 1 DP 206617
Licensed:			
Region: 10 - Sydney South Coast		CMA Map:	
River Basin: - Unknown	Grid Zone:		Scale:
Area/District:			
Elevation: 0.00 m (A.H.D.)	Northing: 6255572.000	Latitude: 33°49'17.3"S	
Elevation Source: Unknown	Easting: 301538.000	Longitude: 150°51'20.1"E	
GS Map: -	MGA Zone: 56	Coordinate Source: Unknown	

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	5.40	159			Rotary Air
1		Hole	Hole	5.40	24.60	114			Down Hole Hammer
1		Annulus	Waterworn/Rounded	4.60	24.60				Graded, Q:160.000m3
1	1	Casing	P.V.C.	0.00	5.40	140	130		Seated on Bottom, Screwed
1	1	Casing	Pvc Class 18	1.00	8.60	60			Screwed
1	1	Opening	Screen	8.60	23.60	60		0	PVC Class 18, Screwed, A: 0.50mm
1	1	Casing	P.V.C.	23.60	24.60	60	50		Seated on Bottom, Screwed

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	TOPSOIL	Topsoil	
0.30	3.00	2.70	BROWN CLAY	Clay	
3.00	5.00	2.00	BROWN SHALE	Shale	
5.00	24.60	19.60	GREY SHALE	Shale	

***** End of GW104060 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW104061

Licence:	Licence Status:
	Authorised Purpose(s): Intended Purpose(s): MONITORING BORE
Work Type: Bore	
Work Status:	
Construct.Method: Rotary	
Owner Type:	
Commenced Date:	Final Depth: 24.50 m
Completion Date: 22/08/2001	Drilled Depth: 24.50 m
Contractor Name: INTERTEC DRILLING SERVICES	
Driller: William Crump	
Assistant Driller:	
Property:	Standing Water Level (m):
GWMA:	Salinity Description:
GW Zone:	Yield (L/s):

Site Details

Site Chosen By:			
	County Form A: CUMBERLAND Licensed:	Parish MELVILLE	Cadastre LT 1 DP 206617
Region: 10 - Sydney South Coast	CMA Map:		
River Basin: - Unknown	Grid Zone:		Scale:
Area/District:			
Elevation: 0.00 m (A.H.D.)	Northing: 6255566.000		Latitude: 33°49'17.7"S
Elevation Source: Unknown	Easting: 301820.000		Longitude: 150°51'31.1"E
GS Map: -	MGA Zone: 56		Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	5.30	159			Rotary Air
1		Hole	Hole	5.30	24.50	114			Down Hole Hammer
1		Annulus	Waterworn/Rounded	4.50	24.50				Graded
1	1	Casing	Pvc Class 18	-0.10	8.50	60			Screwed
1	1	Casing	P.V.C.	0.00	5.30	140	130		Seated on Bottom
1	1	Opening	Screen	8.50	23.50	60		0	PVC Class 18, Screwed, A: 0.50mm
1	1	Casing	P.V.C.	23.50	24.50	60	50		Seated on Bottom, Screwed

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.50	0.50	FILL	Fill	
0.50	1.00	0.50	TOPSOIL	Topsoil	
1.00	6.00	5.00	WEATHERED SILTSTONE	Siltstone	
6.00	24.50	18.50	GREY SHALE	Shale	

Remarks

22/08/2001: Form A Remarks:

GRAVEL PACK: QUANTITY: 160 LITRES

***** End of GW104061 *****

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WaterNSW

Work Summary

GW114926

Licence:

Licence Status:

Authorised Purpose(s):

Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Jetted - Water

Owner Type: Private

Commenced Date:

Completion Date: 08/07/2015

Final Depth: 13.50 m

Drilled Depth: 13.50 m

Contractor Name: Numac

Driller: Unkown Unknown

Assistant Driller:

Property:

Standing Water Level (m):

Salinity Description:

Yield (L/s):

GWMA:

GW Zone:

Site Details

Site Chosen By:

County

Parish

Cadastre

Form A: CUMBERLAND

MELVILLE

1548/1162668

Licensed:

Region: 10 - Sydney South Coast

CMA Map:

River Basin: - Unknown

Grid Zone:

Scale:

Area/District:

Elevation: 0.00 m (A.H.D.)

Northing: 6256222.000

Latitude: 33°48'55.0"S

Elevation Source: Unknown

Easting: 299858.000

Longitude: 150°50'15.4"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	0.50	150			Jetted - Water
1		Hole	Hole	0.50	13.50	150			Auger - Solid Flight
1		Annulus	Waterworn/Rounded	10.00	13.00				Graded
1	1	Casing	Pvc Class 18	0.15	13.50	50			Cemented, Glued
1	1	Opening	Slots - Horizontal	0.15	13.50	50		0	Casing - Machine Slotted, PVC Class 18, Glued

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.15	0.15	FILL	Fill	
0.15	1.70	1.55	SILTY CLAY RED BROWN, L.PLASTICITY	Silty Clay	
1.70	2.20	0.50	SILTY CLAY DARK BROWN	Silty Clay	
2.20	3.00	0.80	SHALE, LIGHT BROWN	Shale	
3.00	4.70	1.70	SHALE LIGHT BROWN HARD	Shale	
4.70	6.80	2.10	SHALE GREY BROWN	Shale	
6.80	12.00	5.20	SHALE, DARK GREY, DRY	Shale	
12.00	13.50	1.50	SHALE, DARK GREY, WET	Shale	

Remarks

08/07/2015: Coordinates provided on Form A.

L. Franchi

12/08/2015: Nat Carling, 12-Aug-2015; Updated work type.

***** End of GW114926 *****

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WaterNSW

Work Summary

GW114927

Licence:

Licence Status:

Authorised Purpose(s):

Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Jetted - Water

Owner Type: Private

Commenced Date:

Completion Date: 08/07/2015

Final Depth: 18.00 m

Drilled Depth: 18.00 m

Contractor Name: Numac

Driller: Unkown Unknown

Assistant Driller:

Property:

Standing Water Level (m):

Salinity Description:

Yield (L/s):

GWMA:

GW Zone:

Site Details

Site Chosen By:

County

Parish

Cadastre

Form A: CUMBERLAND

MELVILLE

1548/1162668

Licensed:

Region: 10 - Sydney South Coast

CMA Map:

River Basin: - Unknown

Grid Zone:

Scale:

Area/District:

Elevation: 0.00 m (A.H.D.)

Northing: 6256256.000

Latitude: 33°48'53.9"S

Elevation Source: Unknown

Easting: 299878.000

Longitude: 150°50'16.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	0.60	150			Jetted - Water
1		Hole	Hole	0.60	2.90	150			Auger - Solid Flight
1		Hole	Hole	2.90	18.00	150			Rotary - Percussion (Down Hole H
1		Annulus	Waterworn/Rounded	11.00	18.00				Graded
1	1	Casing	Pvc Class 18	0.15	18.00	50			Cemented, Glued
1	1	Opening	Slots - Horizontal	0.15	18.00	50		0	Casing - Machine Slotted, PVC Class 18, Glued

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.70	2.70	SILTY CLAY,RED BROWN MOTTLED L.PLASTICITY	Silty Clay	
2.70	2.90	0.20	SILTY CLAY GRADING INTO EATHERED SHALE	Silty Clay	
2.90	12.00	9.10	SHALE,WEATHERED BEDROCK,DARK GREY,DRY	Shale	
12.00	18.00	6.00	AS ABOVE BUT HARD.	Shale	

Remarks

08/07/2015: COORDINATES PROVIDED ON FORM a

Coordinates provided on Form A.
L. Franchi.

12/08/2015: Nat Carling, 12-Aug-2015; Updated work type.

***** End of GW114927 *****

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WaterNSW

Work Summary

GW114928

Licence:

Licence Status:

Authorised Purpose(s):

Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Jetted - Water

Owner Type: Private

Commenced Date:

Completion Date: 10/10/2011

Final Depth: 11.50 m

Drilled Depth: 11.50 m

Contractor Name: Numac

Driller: Unknown Unknown

Assistant Driller:

Property:

Standing Water Level (m):

GWMA:

Salinity Description:

GW Zone:

Yield (L/s):

Site Details

Site Chosen By:

County

Parish

Cadastre

Form A: CUMBERLAND

MELVILLE

1548/1162668

Licensed:

Region: 10 - Sydney South Coast

CMA Map:

River Basin: - Unknown

Grid Zone:

Scale:

Area/District:

Elevation: 0.00 m (A.H.D.)

Northing: 6256277.000

Latitude: 33°48'53.2"S

Elevation Source: Unknown

Easting: 299864.000

Longitude: 150°50'15.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	0.50	150			Jetted - Water
1		Hole	Hole	0.50	11.50	150			Auger - Solid Flight
1		Annulus	Waterworn/Rounded	8.00	11.50				Graded
1	1	Casing	Pvc Class 18	0.15	11.50	50			Cemented, Glued
1	1	Opening	Slots - Horizontal	0.15	11.50	50		0	Casing - Machine Slotted, PVC Class 18, Glued

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.15	0.15	FILL	Fill	
0.15	0.35	0.20	SILTY CLAY,LIGHT BROWN L/M PLASTICITY	Silty Clay	
0.35	3.20	2.85	SHALE GREY BROWN	Shale	
3.20	6.30	3.10	AS ABOVE BUT SOFTER	Shale	
6.30	9.50	3.20	SHALE, DARK GREY,HARD, DRY	Shale	
9.50	11.50	2.00	AS ABOVE BUT WET.	Shale	

Remarks

08/07/2015: Coordinates provided by form A.

L. Franchi

12/08/2015: Nat Carling, 12-Aug-2015; Updated work type & fixed rock type errors.

***** End of GW114928 *****

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Appendix C Council Planning Certificate

16/03/2022

**Mr Perrins
97 Church St
St Peters
NSW 2044**

Dear Sir/ Madam,

Following is your planning certificate as requested. Should you have any further queries please contact Council on (02) 9725 0821.

PLANNING CERTIFICATE

(under section 10.7 of the Environmental Planning and Assessment Act 1979 as amended)

Applicant:	Mr Perrins
Certificate No.:	980/2022
Applicant's Reference:	
Issue Date:	16/03/2022
Receipt No.:	4017376

PROPERTY ADDRESS:	10 Old Wallgrove Road HORSLEY PARK NSW 2175
LEGAL DESCRIPTION:	Lot: 103 DP: 1268366



**Marcus Rowan
MANAGER STRATEGIC LAND USE PLANNING**

PLEASE NOTE: This is page 1 of 26. Should this certificate or any subsequent copy not contain this many pages, please confirm with Council prior to acting on the basis of information contained in this certificate under Section 10.7(2) & (5) and inclusive of Flood Information Sheet.

Information provided under Section 10.7(2) of the Environmental Planning and Assessment Act 1979

Notes:

- (1) The following prescribed matters may apply to the land to which this certificate relates.
 - (2) Where this certificate refers to a specific allotment (or allotments) within a strata plan, the certificate is issued for the whole of the land within the strata plan, not just the specific allotment(s) referred to, and any information contained in the certificate may relate to the whole, or any part, of the strata plan.
 - (3) The following information is provided pursuant to Section 10.7(2) of the Environmental Planning and Assessment Act 1979 as prescribed by Schedule 4 of the Environmental Planning and Assessment Regulation 2000 and is applicable as at the date of this certificate.
 - (4) Information provided in this certificate should be interpreted in conjunction with the relevant plans, policies and documents held at Council. In order to obtain copies of these documents you may purchase them by either contacting Council on (02) 9725 0821 or attending Council's Administration Centre at 86 Avoca Road, Wakeley.
-

1. Names of relevant planning instruments and DCPs

- (1) The name of each environmental planning instrument that applies to the carrying out of development on the land.

State Environmental Planning Policies (SEPP)

State Environmental Planning Policy (Building Sustainability Index: BASIX) 2004

State Environmental Planning Policy (Transport and Infrastructure) 2021

State Environmental Planning Policy (Biodiversity and Conservation) 2021

State Environmental Planning Policy (Primary Production) 2021

State Environmental Planning Policy (Resilience and Hazards) 2021

State Environmental Planning Policy (Industry and Employment) 2021

State Environmental Planning Policy (Resources and Energy) 2021

State Environmental Planning Policy (Planning Systems) 2021

State Environmental Planning Policy (Precincts – Western Parkland City) 2021

State Environmental Planning Policy (Housing) 2021

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

State Environmental Planning Policy 65 – Design Quality of Residential Apartment Development

Regional Environmental Plans (Deemed SEPP)

There is no Regional Environmental Plan applying to this land.

Local Environmental Plans (LEP)

Fairfield Local Environmental Plan 2013 DOES NOT apply to the land.

- (2) The name of each proposed environmental planning instrument that will apply to the carrying out of development on the land and that is or has been the subject of community consultation or on public exhibition under the Act (unless the Director-General has notified the council that the making of the proposed instrument has been deferred indefinitely or has not been approved)

State Environmental Planning Policy (Design and Place) 2021

Fairfield Planning Proposal (LEP Review Stage 2). Public Exhibition period: 02/06/2021 - 30/06/2021. The planning proposal to amend Fairfield Local Environmental Plan 2013 aims to: (1). Rezone certain land and/or amend development standards for certain land in the Fairfield, Cabramatta, Canley Vale and Carramar centres and in adjoining residential areas in Canley Vale and Carramar (if applicable, details are provided in section 2 below); (2). Increase the floor space ratio and height of building under certain circumstances in Zone R3 Medium Density Residential in the eastern part of the City; (3). Amend clause 6.3 Flood Planning and replace clause 6.4 – Floodplain Risk Management with a new standard flood clause 6.4 - Special Flood Considerations; and (4). List four new local heritage items in Schedule 5 Environmental Heritage. Further details on the planning proposal and supporting information can be viewed on the Have My Say, Planning Exhibitions page, by visiting the Fairfield City Council website www.fairfieldcity.nsw.gov.au

- (3) The name of each development control plan that applies to the carrying out of development on the land.

The land is not affected by any Draft or adopted Development Control Plans.

Note: Further advice is provided under s.10.7(5) on the relationship of development on the land with the Fairfield City Wide DCP 2013.

- (4) In this clause, proposed environmental planning instrument includes a planning proposal for a LEP or a draft environmental planning instrument.

2. Zoning and land use under relevant LEP

For each environmental planning instrument or proposed instrument referred to in clause 1 (other than a SEPP or proposed SEPP) that includes the land in any zone (however described):

Fairfield Local Environmental Plan 2013 DOES NOT apply to the land.

Additional uses that are permitted with development consent.

There are no additional uses permitted with consent.

- (e) Whether any development standards applying to the land fix minimum land dimensions for the erection of a dwelling house on the land and, if so, the minimum land dimensions so fixed.

No development standards that fix the minimum land dimensions for the erection of a dwelling house apply to this land. Controls in other policies and plans may apply.

- (f) Whether the land includes or comprises critical habitat.

No.

- (g) Whether the land is in a conservation area (however described).

No

- (h) Whether an item of environmental heritage (however described) is situated on the land.

Fairfield Local Environmental Plan 2013 does not apply to the land.

2A. Zoning and land use under State Environmental Planning Policy (Precincts – Western Parkland City) 2021 Sydney Region Growth Centres

Not applicable.

3. Complying development

- (1) The extent to which the land is land on which complying development may be carried out under each of the codes for complying development because of the provisions of clauses 1.17A (1) (c) to (e), (2), (3) and (4) 1.18 (1) (c3) and 1.19 of State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.

Housing Code:

No. The Housing Code does not apply to this land.

Low Rise Housing Diversity Code

No. The Low Rise Housing Diversity Code does not apply to the land.

Housing Alterations Code:

Complying development under the Housing Alterations Code may be carried out on the land.

Industrial and Business Alterations Code:

Complying development under the Industrial and Business Alterations Code may be carried out on the land.

Industrial and Business Buildings Code:

No. The Industrial and Business Buildings Code does not apply to the land.

Subdivision Code:

Complying development under the Subdivision Code may be carried out on the land.

Rural Housing Code:

No. The Rural Housing Code does not apply to this land.

General Development Code:

Complying development under the General Development Code may be carried out on the land.

Demolition Code:

Complying development under the Demolition Code may be carried out on the land.

Fire Safety Code:

Complying development under the Fire Safety Code may be carried out on the land.

Container Recycling Facilities Code:

No. The Container Recycling Facilities Code does not apply to the land.

- (2) The extent to which complying development may not be carried out on that land because of the provisions of clauses 1.17A (1) (c) to (e), (2), (3) and (4), 1.18 (1) (c3) and 1.19 of that Policy and the reasons why it may not be carried out under those clauses.

Unless otherwise permitted under Clause 4.17 (4) (a) - (b) of SEPP (Precinct Western Parkland City) 2021 Complying development for any form of noise sensitive development as defined under Clause 4.17 (5) of the SEPP (Precinct Western Parkland City) 2021, cannot be carried on that part of the land affected by the ANEC or ANEF contour of 20 or greater associated with the Western Sydney Airport.

- (3) If the council does not have sufficient information to ascertain the extent to which complying development may or may not be carried out on the land, a statement that a restriction applies to the land, but it may not apply to all of the land, and that council does not have sufficient information to ascertain the extent to which complying development may or may not be carried out on the land.

FLOOD CONTROL LOT

The subject property is identified as a flood control lot as defined under the SEPP (Exempt & Complying Development Codes) 2008 and SEPP (Housing) 2021. Development under the SEPP (Exempt and Complying Development Code) 2008 and SEPP (Housing) 2021 must not be carried out on any part of a flood control lot, other than that part of the lot that the council or a professional engineer who specialises in hydraulic engineering has certified, for the purposes of the issue of the relevant complying development certificate, as not being any of the following—

- (a) a flood storage area,**

- (b) a floodway area,
- (c) a flow path,
- (d) a high hazard area,
- (e) a high risk area.

Where relevant, for properties that are a flood control lot and flood related development controls apply, Council provides information on whether or not a property is in a high risk/high hazard area under Part 7A(1) of this planning certificate.

In addition, under the SEPP (Exempt & Complying Development Codes) 2008 and SEPP (Housing) 2021 a range of other restrictions, development standards and requirements apply to various categories of residential, commercial and industrial complying development located on flood control lots.

Further details in relation to flood levels relevant to the site can be obtained by applying for a 10.7(5) planning certificate and accompanying Council flood information sheet.

For further information please contact Council's Catchment Planning Branch on 9725 0222

Note: Clause 3 (1) and (2) refers only to land based exclusions as listed in Clauses 1.17A (1) (c) to (e), (2), (3) and (4), 1.18 (1) (c3) and 1.19 of the SEPP (Exempt and Complying Development Codes) 2008. To be complying development, the development must be complying development that meets the standards and other requirements specified for that development as required by the SEPP. Please contact your accredited certifier or Council for further information.

4. Coastal Protection

Whether or not the land is affected by the operation of section 38 or 39 of the *Coastal Protection Act 1979*, but only to the extent that the council has been notified by the Department of Public Works.

No, this land is not affected.

4A Information relating to beaches and coasts

- (1) In relation to a coastal council - whether an order has been made under Part 4D of the *Coastal Protection Act 1979* in relation to temporary coastal protection works (within the meaning of that Act) on the land (or on public land adjacent to that land), except where the council is satisfied that such an order has been fully complied with.

No order under Part 4D of the *Coastal Protection Act 1979*, has been made.

- (2) In relation to a coastal council:
 - (a) whether the Council has been notified under section 55X of the *Coastal Protection Act 1979* that temporary coastal protection works (within the meaning of that Act) have been placed on the land (or on public land adjacent to that land), and

Council has not received any such notification.

- (b) if works have been so placed—whether the council is satisfied that the works have been removed and the land restored in accordance with that Act.

Not applicable.

4B Annual charges under *Local Government Act 1993* for coastal protection services that relate to existing coastal protection works.

In relation to a coastal council – whether the owner (or any previous owner) of the land has consented in writing to the land being subject to annual charges under section 946B of the *Local Government Act 1993* for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of that Act).

Note: “Existing coastal protection works” are works to reduce the impact of coastal hazards on land (such as seawalls, revetments, groynes and beach nourishment) that existed before the commencement of section 553B of the *Local Government Act 1993*.

No annual charges under section 553B of the *Local Government Act 1993*, are applicable to the land.

5. Mine Subsidence

Whether or not the land is proclaimed to be a mine subsidence district within the meaning of section 15 of the *Mine Subsidence Compensation Act 1961*.

No, this land is not affected.

6. Road widening and road realignment

Whether or not the land is affected by any road widening or road realignment under Division 2 or Part 3 of the *Roads Act 1993*, any environmental planning instrument, or any resolution of the council.

Fairfield Local Environmental Plan 2013 does not apply to the land.

The land is not affected by any road widening proposal under Division 2 of Part 3 of the *Roads Act*.

7. Council and other public authority policies on hazard risk restrictions

Whether or not the land is affected by a policy:

- (a) adopted by the Council, or
- (b) adopted by any other public authority and notified to the Council for the express purpose of its adoption by that authority being referred to in planning certificates issued by the Council,

that restricts the development of the land because of the likelihood of land slip, bushfire, tidal inundation, subsidence, acid sulfate soils or any other risk, other than flooding.

Council’s policies on hazard risk restrictions are as follows:

- (i) Landslip**

The land is not affected by a policy adopted by Council or adopted by any other public authority and notified to Council (for the express purpose of its adoption by that authority being referred to in Planning Certificates issued by Council) that restricts development on the land because of the likelihood of landslide risk or subsidence.

(ii) Bushfire

Council has been supplied by the NSW Rural Fire Service with a hazard map for the purposes of a bush fire risk management plan applying to land within the Fairfield local government area. Based on that map, it appears the land referred to in this certificate is bush fire prone as defined in Part 4 of the Environmental Planning and Assessment Act 1979. Council is also required to have regard to the guidelines "Planning for Bushfire Protection" (published by the NSW Rural Fire Service and Planning NSW) or comments provided by the NSW Rural Fire Service pursuant to s.4.14 of the Environmental Planning and Assessment Act 1979 (as amended) which may place restrictions or special requirements on development of the site in relation to the bushfire affectation.

(iii) Tidal Inundation

The land is not affected by a policy adopted by Council or adopted by any other public authority and notified to Council (for the express purpose of its adoption by that authority being referred to in Planning Certificates issued by Council) that restricts development on the land because of the likelihood of tidal inundation.

(iv) Subsidence

No, the land is not so affected

(v) Acid Sulfate Soils

The land is not affected by a policy adopted by Council or adopted by any other public authority and notified to Council (for the express purpose of its adoption by that authority being referred to in Planning Certificates issued by Council) that restricts development on the land because of the likelihood of acid sulfate soils.

(vi) Any other risks

No, the land is not so affected

7A. Flood related development controls information

1. If the land or part of the land is within the flood planning area and subject to flood related development controls.

Based on the information currently available to Council, the land or part of the land is within the flood planning area and is subject to flood related development controls.

Mainstream Flooding

This parcel is within the floodplain and identified as being partly within a High Flood Risk Precinct, partly within a Medium Flood Risk Precinct, partly within a Low Flood Risk Precinct as a result of mainstream flooding and partly not affected by mainstream flooding.

The term mainstream flooding means inundation of normally dry land occurring when water overflows the natural or artificial banks of a stream, river, estuary, lake or dam.

The term High Flood Risk Precinct is defined as the area of land below the 100-year flood event that is either subject to a high hydraulic hazard or where there are significant evacuation difficulties.

The term Medium Flood Risk Precinct is defined as land below the 100-year flood level that is not within a High Flood Risk Precinct. This is land that is not subject to a high hydraulic hazard or where there are no significant evacuation difficulties.

The term Low Flood Risk Precinct is defined as all land within the floodplain (i.e. within the extent of the probable maximum flood) but not identified within either a High Flood Risk or a Medium Flood Risk Precinct. The Low Flood Risk Precinct is that area above the 100-year flood event.

Overland Flooding

Based on the information currently available to Council, this land is not affected by overland flooding. However, this is subject to future flood studies and reviews.

2. If the land or part of the land is between the flood planning area and the probable maximum flood and subject to flood related development controls.

Based on the information currently available to Council, the land or part of the land is between the flood planning area and the probable maximum flood and development for the following purposes is subject to flood related development controls:

- (a) Boarding houses,
- (b) Caravan parks,
- (c) Correctional centres,
- (d) Early education and care facilities,
- (e) Eco-tourist facilities,
- (f) Educational establishments,
- (g) Emergency services facilities,
- (h) Group homes,
- (i) Hazardous industries,
- (j) Hazardous storage establishments,
- (k) Hospitals,
- (l) Hostels,
- (m) Information and education facilities,
- (n) Respite day care centres,
- (o) Seniors housing,
- (p) Sewerage systems,
- (q) Tourist and visitor accommodation,
- (r) Water supply systems.

Note: The flood information is the current information to date. However, Council reviews flood studies on an on-going basis and new information may become available in future. Please contact Council's Catchment Planning Division on 9725 0222 for any updated information.

Note:

3. In this clause –
flood planning area has the same meaning as the Floodplain Development Manual.
Floodplain Development Manual means the *Floodplain Development Manual* (ISBN 0 7347 5476 0) published by the NSW Government in April 2005.
probable maximum flood has the same meaning as in the Floodplain Development Manual.
-

8. Land reserved for acquisition

Whether or not any environmental planning instrument or proposed environmental planning instrument referred to in clause 1 makes provision in relation to the acquisition of the land by a public authority, as referred to in section 3.15 of the Act.

Fairfield Local Environmental Plan 2013 does not apply to the land.

9. Contributions plans

The name of each contributions plan applying to the land.

Fairfield City Council indirect (Section 7.12) Development Contributions Plan 2011 applies to all land within the City of Fairfield.

9A. Biodiversity certified land

If the land is biodiversity certified land under Part 8 of the *Biodiversity Conservation Act 2016*, a statement to that effect.

Note: "Biodiversity certified land includes land certified under Part 7AA of the *Threatened Species Conservation Act 1995* that is taken to be certified under Part 8 of the *Biodiversity Conservation Act 2016*.

The land is not biodiversity certified land.

10. Biodiversity stewardship sites

If the land is a biodiversity stewardship site under a biodiversity stewardship agreement under Part 5 of the *Biodiversity Conservation Act 2016*, a statement to that effect (but only if the council has been notified of the existence of the agreement by the Chief Executive of the Office of Environment and Heritage).

Note: "Biodiversity stewardship agreements include biobanking agreements under Part 7A of the *Threatened Species Conservation Act 1995* that are taken to be biodiversity stewardship agreements under Part 5 of the *Biodiversity Conservation Act 2016*.

No such agreement applies to the land.

10A. Native vegetation clearing set asides

If the land contains a set aside area under section 60ZC of the *Local Land Services Act 2013*, a statement to that effect (but only if the council has been notified of the existence of the set aside area by Local Land Services or it is registered in the public register under that section)

Not applicable.

11. Bush fire prone land

If any of the land is bush fire prone land (as defined in Act), a statement that all or, as the case may be, some of the land is bush fire prone land. If none of the land is bush fire prone land, a statement to that effect.

Council has been supplied by the NSW Rural Fire Service with a hazard map for the purposes of a bush fire risk management plan applying to land within the Fairfield local government area. Based on that map, it appears the land referred to in this certificate is bush fire prone as defined in Part 4 of the Environmental Planning and Assessment Act 1979. Council is also required to have regard to the guidelines "Planning for Bushfire Protection" (published by the NSW Rural Fire Service and Planning NSW) or comments provided by the NSW Rural Fire Service pursuant to s.4.14 of the Environmental Planning and Assessment Act 1979 (as amended) which may place restrictions or special requirements on development of the site in relation to the bushfire affectation.

12. Property vegetation plans

If the land to which a property vegetation plan approved under Part 4 of the *Native Vegetation Act 2003* (and that continues in force) applies, a statement to that effect (but on if the council has been notified of the existence of the plan by the person or body that approved the plan under that Act).

No.

13. Orders under Trees (Disputes between Neighbours) Act 2006

Whether an order has been made under the Trees (Disputes between Neighbours) Act 2006 to carry out work in relation to a tree on the land (but only if the council has been notified of the order).

No

14. Directions under Part 3A

If there is a direction by the Minister in force under section 75P (2) (c1) of the Act that a provision of an environmental planning instrument prohibiting or restricting the carrying out of a project or a stage of a project on the land under Part 4 of the Act does not have effect, a statement to that effect identifying the provision that does not have effect.

No such direction applies to the land.

15. Site compatibility certificates and conditions for seniors housing

If the land is land to which State Environmental Planning Policy (Housing) 2021, Diverse Housing 2004 applies -

(a) a statement of whether there is a current site compatibility certificate (seniors housing), of which the council is aware, in respect of proposed development on the land and, if there is a certificate, the statement is to include -

- (i) the period for which the certificate is current, and
- (ii) that a copy may be obtained from the head office of the Department, and

No such certificate applies to the land.

(b) a statement setting out any terms of a kind referred to in clause 18(2) of that Policy that have been imposed as a condition of consent to a development application granted after 11 October 2007 in respect of the land.

No such terms apply to the land.

16. Site compatibility certificates for infrastructure, schools or TAFE establishments

A statement of whether there is a valid site compatibility certificate (infrastructure) or site compatibility certificate (schools or TAFE establishments), of which the council is aware, in respect of proposed development on the land and, if there is a certificate, the statement is to include:

- (a) the period for which the certificate is valid, and
- (b) that a copy may be obtained from the head office of the Department.

No such certificate applies to the land.

17. Site compatibility certificates and conditions for affordable rental housing

(1) A statement to the whether there is a current site compatibility certificate (affordable rental housing), of which the council is aware, in respect of proposed development on the land and, if there is a certificate, the statement is to include:

- (a) the period for which the certificate is current, and
- (b) that a copy may be obtained from the head office of the Department.

No such certificate applies to the land.

(2) A statement setting out any terms of a kind referred to in clause 21(1) or 40(1) of *State Environmental Planning Policy (Housing) 2021, Chapter 2 Affordable Housing* that has been imposed as a condition of consent to a development application in respect of the land.

No such terms apply to the land.

18. Paper subdivision information

- (1) The name of any development plan adopted by a relevant authority that applies to the land or that is proposed to be subject to a consent ballot.
- (2) The date of any subdivision order that applies to the land.
- (3) Words and expressions used in this clause have the same meaning as they have in Part 16C of this Regulation.

No such plan or order applies to the land

19. Site verification certificates

A statement of whether there is a current site verification certificate, of which the council is aware, in respect of the land and, if there is a certificate, the statement is to include:

- (a) the matter certified by the certificate, and

Note: A site verification certificate sets out the Director-General's opinion as to whether the land concerned is or is not biophysical strategic agricultural land or critical industry cluster land—see Part 2.4 of State Environmental Planning Policy (Resource and Energy) 2021.

- (b) the date on which the certificate ceases to be current (if any), and
- (c) that a copy may be obtained from the head office of the Department.

No such certificate applies to the land

20. Loose-fill asbestos insulation

If the land includes any residential premises (within the meaning of Division 1A of Part 8 of the *Home Building Act 1989*) that are listed on the register that is required to be maintained under that Division, a statement to that effect.

Not Applicable.

21. Affected building notices and building product rectification orders

- (1) A statement of whether there is any affected building notice of which the council is aware that is in force in respect of the land.
- (2) A statement of:
 - (a) whether there is any building product rectification order of which the council is aware that is in force in respect of the land and has not been fully complied with, and
 - (b) whether any notice of intention to make a building product rectification order of which the council is aware has been given in respect of the land and is outstanding.

None Relevant.

22. State Environmental Planning Policy (Precincts – Western Parkland City) 2021, Western Sydney Aerotropolis

For land to which *State Environmental Planning Policy (Precincts – Western Parkland City) 2021, Chapter 4* applies, whether the land is –

- (a) in an ANEF or ANEC contour of 20 or greater as referred to in clause 19 of that Policy, or

Yes

- (b) shown on the Lighting Intensity and Wind Shear Map under that Policy, or

No

- (c) shown on the Obstacle Limitation Surface Map under that Policy, or

Yes

- (d) in the “public safety area” on the Public Safety Area Map under that Policy, or

No

- (e) in the “3 kilometre wildlife buffer zone” or the “13 kilometre wildlife buffer zone” on the Wildlife Buffer Zone Map under that Policy.

Yes

Note: The following matters are prescribed by section 59 (2) of the Contaminated Land Management Act 1997 as additional matters to be specified in a planning certificate:

- (a) that the land to which the certificate relates is significantly contaminated land within the meaning of that Act—if the land (or part of the land) is significantly contaminated land at the date when the certificate is issued,
- (b) that the land to which the certificate relates is subject to a management order within the meaning of that Act—if it is subject to such an order at the date when the certificate is issued,
- (c) that the land to which the certificate relates is the subject of an approved voluntary management proposal within the meaning of that Act—if it is the subject of such an approved proposal at the date when the certificate is issued,
- (d) that the land to which the certificate relates is subject to an ongoing maintenance order within the meaning of that Act—if it is subject to such an order at the date when the certificate is issued,
- (e) that the land to which the certificate relates is the subject of a site audit statement within the meaning of that Act—if a copy of such a statement has been provided at any time to the local authority issuing the certificate.

Continuously updated information in relation to the above matters can also be found by searching the records of the Environmental Protection Authority (EPA) at the website of the EPA. The search page can be found at: <http://www.epa.nsw.gov.au/prclmapp/searchregister.aspx>.

The following information is available to Council but may not be current:

Council has adopted by resolution a policy (commencing 1 August 2000), on contaminated land which may restrict the development of land. This policy is implemented when zoning or land use changes are proposed on lands which have previously been used for certain purposes. Consideration of Council's adopted policy and the application of provisions under the State Legislation is warranted.

The land is not within an investigation area or remediation site under Part 3 of the Contaminated Land Management Act 1997.

The land is not subject to an investigation order or a remediation order within the meaning of the Contaminated Land Management Act 1997.

The land is not subject to a voluntary investigation proposal (or voluntary remediation proposal) that is the subject of the Environment Protection Authority's agreement under Section 19 or 26 of the Contaminated Land Management Act 1997.

The land is not subject of a site audit statement within the meaning of the Contaminated Land Management Act 1997.

Note 2: Any advice received by Council pursuant to section 26(2) of the Nation Building and Jobs Plan (State Infrastructure Delivery) Act 2009, is included below.

No such certificate applies to the land.

**The following additional information is provided under
Section 10.7(5) of the Environmental Planning and Assessment Act 1979**

Note:

- (1) When information pursuant to section 10.7(5) is requested, the Council is under no obligation to furnish any of the information supplied herein pursuant to that section.
 - (2) Council draws your attention to section 10.7(6), which states that a Council shall not incur any liability in respect of any advice provided in good faith pursuant to subsection (5).
 - (3) The absence of any reference to any matter affecting the land shall not imply that the land is not affected by any matter not referred to in this certificate.
-

Aboriginal Heritage - Potential Investigation Area

Based on the findings of the Fairfield Aboriginal Heritage Study 2017 the land is located within or partly within an Aboriginal Heritage Potential Investigation Area (PIA). Appendix H of the Fairfield City Wide DCP sets out details of legislative matters including due diligence requirements applying to any development on the land.

Note: Under Section 86(4) and section 86(2) of the National Parks and Wildlife Act 1974 (Schedule 1 Amendment No 80) it is an offence to knowingly or unknowingly harm any Aboriginal objects without a valid and applicable Aboriginal Heritage Impact Permit". For further information about the due diligence process that applies to you please contact Council's Strategic Land Use Planning Team on 9725 0222.

Cumberland Plain Critically Endangered Ecological Community - Contains or in Close Proximity to Community

Council is in receipt of information by the NSW National Parks and Wildlife Service indicating the land either contains or is in close proximity to an area possibly containing remnant vegetation associated with a Cumberland Plain Critically Endangered Ecological Community that is listed under the Biodiversity Conservation Act 2016 (NSW). On request Council will supply such information available from its records, however interested parties must take and rely on their own advice and enquiries.

Cumberland Plain Critically Endangered Ecological Community - Contains or in Close Proximity to Community with an Area Greater than 0.5 hectares and Tree Cover

Information from NSW National Parks and Wildlife Service indicates that the land either contains or is in close proximity to an area possibly containing remnant vegetation associated with a Cumberland Plain Critically Endangered Ecological Community. NPWS have identified the community as Cumberland Plain Woodland (Shale Hills Woodland, Shale Plains Woodland) that is listed as critically endangered under the Biodiversity Conservation Act 2016 (NSW).

Information from NSW National Parks and Wildlife Service indicates that the land either contains or is in close proximity to an area possibly containing remnant vegetation associated with a Cumberland Plain Critically Endangered Ecological Community. NPWS have identified the community as Sydney Coastal River-Flat Forest (Alluvial Woodland) that is listed as critically endangered under the Biodiversity Conservation Act 2016 (NSW).

NPWS mapping indicates that the remnant vegetation is part of an area that is greater than 0.5 hectares and has greater than 10% crown cover.

NPWS mapping indicates that the remnant vegetation is part of an area that is greater than 0.5 hectares and has less 10% crown cover.
NPWS mapping indicates that the remnant vegetation is part of an area that is greater than 0.5 hectares with tree cover with agriculture but no major urban or suburban development.

The land is subject to the provisions of the SEPP (Biodiversity and Conservation) 2021, Vegetation in non-rural areas which sets the rules for the clearing of native vegetation in NSW on land zoned for urban and environmental purposes that is not linked to a development application.

Airspace Protection Western Sydney Airport - The land is subject to height restrictions to protect the airspace in the vicinity of the proposed Western Sydney Airport as required under the Regulations supporting the Airports Act 1996.

You should make your own enquiries with the Department of Infrastructure and Regional Development and the WSA Co who are responsible for the development and operation of the Western Sydney Airport contact details are available from <http://westernsydneyairport.gov.au/>.

Land must not be cleared or filled except with the consent of Council.

The applicant's attention is drawn to the Department of Infrastructure, Planning and Natural Resources map at the 1:100,000 scale 'Salinity Potential in Western Sydney 2002' that indicates there is potential for salinity in the Region. The map can be viewed at Council's Customer Service Centre (86 Avoca Road Wakeley).

Council's policy 'Building in Saline Environments', applies to all areas of Fairfield City and requires use of construction measures and materials in new development to minimise risk of salt damage to buildings from urban salinity.

Under State Legislation, although the provisions of the Fairfield City-Wide Development Control Plan 2013 do not specifically apply to the land, in considering any development proposals on the land, Council would have regard to the relationship of the proposal with relevant provisions of the Fairfield City-Wide Development Control Plan 2013. Please contact Council's City Development Group on 9725 0222 if you have any further enquiries regarding the above.

On 15th April 2014, the Australian Government announced that it intends to proceed with an airport at Badgerys Creek in the Liverpool City Council area. The Western Sydney Airport draft Environmental Impact Statement (EIS) was released for public exhibition on Monday 19 October 2015. You should make your own enquiries with the Commonwealth Government Department responsible via the website <http://westernsydneyairport.gov.au/>.

A dam may not be constructed or filled except with the consent of Council.

The land is identified as land in the vicinity of extractive industry under the provisions of State Environmental Planning Policy (Resource and Energy) 2021 which aims to prevent any adverse effect between extractive industry and other incompatible land uses.

The submission of an acoustic report must accompany all development applications for dwelling houses and sensitive land uses located within a

distance of 500 metres from a nominated extractive industry site. Refer to Council's Development Control Plan for more information.

State Environmental Planning Policy (Design and Place) 2021

The land is affected by airport safeguards under the State Environmental Planning Policy (Precinct - Western Parkland City) 2021. Subject to a Development Application any land affected by wildlife hazard provisions of the SEPP may require additional State or Commonwealth approval and additional technical assessment reports.

FAIRFIELD CITY COUNCIL DEVELOPMENT CONTROL PLANS

Fairfield Citywide Development Control Plan

Title	Adopted by Council*	Effective Date
Fairfield Citywide Development Control Plan 2013	13 November 2012	31 May 2013
<u>Amendment No.1</u> change maximum height permissible for detached secondary dwellings, clarify requirements and correct various anomalies, incorporate outdoor dining policy into a number of site specific DCPs (see table below)	11 February 2014	5 March 2014
<u>Amendment No.2</u> amend chapter 2 to reference Site Specific DCP – Wetherill Park Market Town	20 March 2013	7 March 2014
<u>Amendment No.3</u> Introduce Chapter 4B - Secondary Dwellings in Rural Area - Horsley Park and Cecil Park	11 December 2013	14 March 2014
<u>Amendment No. 4</u> amends Chapter 9 Industrial Development Site Specific Controls for 449 Victoria Street and 96 Newton Road, Wetherill Park	24 September 2013	21 March 2014
<u>Amendment No.5</u> amends Chapters 2 and 10 and Appendix B to ensure provisions within the DCP are in line with the SEPP (Exempt and Complying Development Codes) 2008.	13 May 2014	28 May 2014
<u>Amendment No. 5A</u> amends Chapter 6A – Multi Dwelling Housing – Town house and Villas: Site Specific DCP – 46 & 50 Cobbett Street, Wetherill Park.	12 March 2013	22 August 2014
<u>Amendment No. 6</u> including increase to building heights for detached granny flats, removal of reference to minimum lot sizes for R1 zoned lands, inclusion of new controls and provisions relating to neighbourhood shops and pad mounted sub stations, clarify requirements and correct a number of anomalies associated with secondary dwellings, dual occupancy, narrow lots and residential flat buildings and other minor inconsequential amendments.	12 August 2014	3 September 2014
<u>Amendment No. 6A</u> amends Chapter 14 Subdivision – Applying to land located on 630 Elizabeth Drive and 9-10 Schubert Place, Bonnyrigg Heights to facilitate a future road link between Stivala Place and Schubert Place.	12 August 2014	3 September 2014
<u>Amendment No.7</u> proposed amendments include – Additional Controls for Child Care Centres, Boarding Houses and Granny Flats; Revised Heritage Chapter; New provisions relating to CCTV for specific land uses, and; Acoustic measures for development in the Rural Area.	25 November 2014	3 December 2014
<u>Amendment No. 7A</u> amends Chapter 10 Miscellaneous Development - applying to land located on 1 Bartley Street, Cabramatta to facilitate the development of a hotel or motel accommodation at the Cabravale Diggers site.	26 August 2014	16 January 2015
<u>Amendment 8</u> amends Chapter 9 – Industrial Development. This amendment includes provisions for industrial/employment development proposals in close proximity to residential land. The amended controls cover the following issues: General Design Requirements (including setback considerations, driveways, loading and storage areas, etc); Bulk and scale; Vehicular and Pedestrian Access Privacy; Light Spill; Noise and Vibration; and Landscaping.	10 March 2015	1 April 2015
<u>Amendment 9</u> includes new provisions relating to various forms of residential development including: Building Appearance, Landscaping, Private Open space, Minimum Lot Width, Car Parking Rates and Notification of S82A Applications.	12 May 2015	27 May 2015
<u>Amendment 10</u> including amendments to: <ul style="list-style-type: none"> the intent of the Development Control Plan and Development Application process – the DA Guide provisions for rural zone development residential flat building setbacks heritage advice road classifications 	14 July 2015	5 August 2015
<u>Amendment No.11</u> includes site specific development controls (private open space, car parking and dwelling density) for 46-50 Cobbett Street, Wetherill Park included in Chapter 6A Multi Dwelling Housing – Townhouses and Villas.	1 December 2015	16 December 2015
<u>Amendment No. 12</u> addresses anomalies in the DCP including but not limited to providing clarity on minimum room sizes, updated acoustic proofing measures for new dwellings in rural areas, car parking rates for disabled parking, and provisions for site servicing and loading requirements in neighbourhood shops in residential zones.	10 May 2016	25 May 2016

<u>Amendment No. 13</u> Clarification to requirements for acoustic measures for development in the rural areas, location of alfresco areas for secondary dwellings, car parking rates for restaurants & amendments to ensure controls for residential flat buildings are consistent with the State Environmental Planning Policy No 65 – Design Quality of Residential Apartment Development & associated Apartment Design Guide.	14 March 2017	5 April 2017
<u>Amendment No. 14</u> Site specific provisions for 620 Elizabeth Drive, Bonnyrigg Heights.	27 June 2017	15 September 2017
<u>Amendment No. 15</u> Amendment to Appendix G, and addition of Appendix H to introduce Aboriginal Heritage Management controls for development across Fairfield City	12 September 2017	28 February 2018
<u>Amendment No. 16</u> Amendments provide clarity relating to alfresco areas and carports provisions for secondary dwellings, lot width provisions for dual occupancy and multi dwelling housing on cul-de-sac heads, setbacks for residential flat buildings on corner sites, removal of Chapter 8B Neighbourhood and Local Centres – Mixed Use (Up to 2 storeys) to ensure consistency with the Apartment Design Guide, inclusion of accessibility requirements, inclusion of Council's Stormwater Management Policy, and guidelines for acknowledging petitions.	27 February 2018	21 March 2018
<u>Amendment No. 18</u> Amendment to Chapter 10.11 to revise existing site specific DCP in relation to the Cabravale Diggers Club site at 1 Bartley Street, Canley Vale	14 November 2017	28 February 2018
<u>Amendment No. 19</u> Amendment to introduce site specific development controls for 17-23 Longfield Street, Cabramatta.	11 September 2018	28 February 2019
<u>Amendment No. 20</u> Amendment No. 20 provides clarity on controls and guidelines within the following chapters: <ul style="list-style-type: none"> • Chapter 3 – Environmental Management and Constraints; • Chapter 4A – Development in the Rural Zones; • Chapter 5A – Dwelling Houses; • Chapter 5B – Secondary Dwellings; • Chapter 6A – Multi Dwelling Housing; • Chapter 6B – Dual Occupancy; • Chapter 9 – Industrial Development; and • Chapter 14 – Subdivision 	12 February 2019	13 March 2019
<u>Amendment No. 22</u> Amendment No. 22 provides clarity on control and guidelines within the following chapters: <ul style="list-style-type: none"> • Appendix A – Definitions • Chapter 2 – Development Application Process • Chapter 3 – Environmental Management and Constraints • Chapter 5A – Dwelling Houses • Chapter 5B – Secondary Dwellings • Chapter 5C – Dwelling Houses on Narrow Lots • Chapter 7 – Residential Flat Buildings and Shop Top Housing • Chapter 8 – Neighbourhood and Local Centres Business Use • Chapter 12 – Car Parking, Vehicle and Access Management • Chapter 13 – Child Care Centres • Chapter 14 - Subdivision 	9 June 2020	21 September 2020

Place Based and Site Specific Development Control Plans

Title	Adopted by Council*	Effective Date
Bonnyrigg Town Centre DCP 2018	6 August 2019	4 September 2020
Cabramatta Town Centre DCP (5/2000) - <u>Amendment No.1</u> (Outdoor Dining Controls –5.3.2014) - <u>Amendment No. 2</u> (New clause regarding Model Submission – 3.09.2014) - <u>Amendment No. 3</u> (Amended clauses and map regarding Precinct 2- Dutton Lane Car Park)	11 October 2016	10 March 2017
Fairfield City Centre DCP 2013 - <u>Amendment No.1</u> (Outdoor Dining Controls – 5.3. 2014) - <u>Amendment No. 2</u> (Remove reference to Public Art Guide and update signage controls reference – 3.09.2014) - <u>Amendment No. 3</u> (removes reference to the Fairfield Art Strategy as Council has not formally adopted a Public Art Strategy)	10 May 2016	25 May 2016
Canley Corridor DCP No.37 (2013) (Canley Vale and Canley Heights town centres) - <u>Amendment No.1:</u> (Development Controls for Adams Reserve 12.9.2006) - <u>Amendment No.2:</u> (Development Controls for 45-47 Peel St, Canley Heights 9.4.2008) - <u>Amendment No.3:</u> (Awnings controls 3.11.2010) - <u>Amendment No.4:</u> (Development Controls for 190 Canley Vale Rd, Canley Heights 19.4.2011) - <u>Amendment No.5:</u> (References to Fairfield LEP 2013 31.5.2013) - <u>Amendment No.6:</u> (Outdoor Dining Controls –5.3.2014) - <u>Amendment No. 7</u> (Remove reference to Public Art Guide – 3.09.2014) - <u>Amendment No. 8</u> (Include 46 Derby Street, Canley Heights into Town Centre Catchment – 01.07.2015) - <u>Amendment No. 9</u> (removes reference to the Fairfield Art Strategy as Council has not formally adopted a Public Art Strategy)	10 May 2016	25 May 2016
Prairiewood Town Centre – Southern Precinct DCP 2013	13 November 2012	31 May 2013
Site Specific DCP – Wetherill Park Market Town	20 March 2013	7 March 2014
Fairfield Heights Town Centre DCP 2018	06 August 2019	05 June 2020
Villawood Town Centre DCP 2020	28 April 2020	05 June 2020

Master Plans

Title	Adopted by Council*	Effective Date
Prairiewood Masterplan (December 2005)	13 November 2012	31 May 2013
Fairfield Town Centre Masterplans – The Crescent and Barbara Street Precincts (May 2007)		May 2007

Urban Design Studies

Title	Adopted by Council
Fairfield City Centre Key Sites Urban Design Study	27 March 2018
Fairfield Heights Town Centre Urban Design Study	27 March 2018
Villawood Town Centre Urban Design Study	27 March 2018

* Note: Some "In Force" Development Control Plans may be under review, check with Council for date of last amendment.

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Flood Information Sheet

Applicant: Mr Perrins
Certificate No.: 980/2021
Applicant's Reference:
Issue Date: 16/03/2022
Receipt No.: 4017376

PROPERTY ADDRESS: 10 Old Wallgrove Road HORSLEY PARK NSW 2175
LEGAL DESCRIPTION: Lot: 103 DP: 1268366

Council has adopted a policy on flooding which may restrict the development of land. The Fairfield City-Wide Development Control Plan 2013 (which includes provisions for flood management) applies to all of the Fairfield Local Government area.

FLOOD CONTROL LOT

The subject property is identified as a flood control lot as defined under the SEPP (Exempt & Complying Development Codes) 2008 and SEPP (Housing) 2021. Development under the SEPP (Exempt and Complying Development Code) 2008 and SEPP (Housing) 2021 must not be carried out on any part of a flood control lot, other than that part of the lot that the council or a professional engineer who specialises in hydraulic engineering has certified, for the purposes of the issue of the relevant complying development certificate, as not being any of the following—

- (a) a flood storage area,
- (b) a floodway area,
- (c) a flow path,
- (d) a high hazard area,
- (e) a high risk area.

Where relevant, for properties that are a flood control lot and flood related development controls apply, Council provides information on whether or not a property is in a high risk/high hazard area under Part 7A(1) of this planning certificate.

In addition, under the SEPP (Exempt & Complying Development Codes) 2008 and SEPP (Housing) 2021 a range of other restrictions, development standards and requirements apply to various categories of residential, commercial and industrial complying development located on flood control lots.

For further information please contact Council's Catchment Planning Branch on 9725 0222

Important Notes:

Not Applicable values indicate that the subject land is not known to be subject to flooding.

Not Available values indicate that Council does not have the required flood information for the subject land.

A Glossary is also attached at the end of this Flood Information Sheet.

MAINSTREAM FLOODING

Description

This parcel is within the floodplain and identified as being partly within a High Flood Risk Precinct, partly within a Medium Flood Risk Precinct, partly within a Low Flood Risk Precinct as a result of mainstream flooding and partly not affected by mainstream flooding.

The term mainstream flooding means inundation of normally dry land occurring when water overflows the natural or artificial banks of a stream, river, estuary, lake or dam.

The term High Flood Risk Precinct is defined as the area of land below the 100-year flood event that is either subject to a high hydraulic hazard or where there are significant evacuation difficulties.

The term Medium Flood Risk Precinct is defined as land below the 100-year flood level that is not within a High Flood Risk Precinct. This is land that is not subject to a high hydraulic hazard or where there are no significant evacuation difficulties.

The term Low Flood Risk Precinct is defined as all land within the floodplain (i.e. within the extent of the probable maximum flood) but not identified within either a High Flood Risk or a Medium Flood Risk Precinct. The Low Flood Risk Precinct is that area above the 100-year flood event.

Mainstream Flood Details

Size of Flood	Flood Level (m AHD)
PMF minimum	60.1
PMF maximum	66.3
1 in 100 year minimum	58.3
1 in 100 year maximum	64.6
1 in 20 year minimum	58.2
1 in 20 year maximum	64.3

Flood levels in the vicinity of the above property have been extracted from the BMT WBM (2013) "Rural Area Flood Study."

LOCAL OVERLAND FLOODING

Description

Based on the information currently available to Council, this land is not affected by overland flooding. However, this is subject to future flood studies and reviews.



Local Overland Flood Details

Size of Flood	Flood Level (m AHD)
PMF minimum PMF maximum	Not Applicable Not Applicable
1 in 100 year minimum 1 in 100 year maximum	Not Applicable Not Applicable
1 in 20 year minimum 1 in 20 year maximum	Not Applicable Not Applicable

GLOSSARY	
m AHD	metres Australian Height Datum (AHD).
Australian Height Datum (AHD)	A common national plane of level approximately equivalent to the height above sea level. All flood levels, floor levels and ground levels are normally provided in metres AHD.
Average Recurrence Interval (ARI)	The long term average number of years between the occurrence of a flood as big as the selected event. For example, floods with a discharge as great as the 20 year ARI event will occur on average once every 20 years. ARI is another way of expressing the likelihood of occurrence of a flood event.
Flood	A relatively high stream flow that overtops the natural or artificial banks in any part of a stream, river, estuary, lake or dam. It also includes local overland flooding associated with major drainage before entering a watercourse, or coastal inundation resulting from raised sea levels, or waves overtopping the coastline.
Flood risk precinct	<p>An area of land with similar flood risks and where similar development controls may be applied by a Council to manage the flood risk. The flood risk is determined based on the existing development in the precinct or assuming the precinct is developed with normal residential uses. Usually the floodplain is categorised into three flood risk precincts 'low', 'medium' and 'high', although other classifications can sometimes be used.</p> <p>High Flood Risk: This has been defined as the area of land below the 100-year flood event that is either subject to a high hydraulic hazard or where there are significant evacuation difficulties.</p> <p>Medium Flood Risk: This has been defined as land below the 100-year flood level that is not within a High Flood Risk Precinct. This is land that is not subject to a high hydraulic hazard or where there are no significant evacuation difficulties.</p> <p>Low Flood Risk: This has been defined as all land within the floodplain (i.e. within the extent of the probable maximum flood) but not identified within either a High Flood Risk or a Medium Flood Risk Precinct. The Low Flood Risk Precinct is that area above the 100-year flood event.</p>
Local overland flooding	The inundation of normally dry land by local runoff rather than overbank discharge from a stream, river, estuary, lake or dam.
Mainstream flooding	The inundation of normally dry land occurring when water overflows the natural or artificial banks of a stream, river, estuary, lake or dam.
Probable Maximum Flood (PMF)	The largest flood that could conceivably occur at a particular location.
Flood Planning Area	The area of land below the FPL and thus subject to flood related development controls.
Flood Planning Level	Are the combinations of flood levels (derived from significant historical flood events or floods of specific AEPs) and freeboards selected for floodplain risk management purposes, as determined in management studies and incorporated in management plans.
Flood Control Lot	A lot to which flood related development controls apply in respect of development for the purposes of industrial buildings, commercial premises, dwelling houses, dual occupancies, multi dwelling housing or residential flat buildings (other than development for the purposes of group homes or seniors housing)

Appendix D Aerial Photographs

**Legend:**

-  Approximate Boundary - Oakdale East
-  Precinct 5 Boundary



Job No: 60530

Client: Austral Brickworks

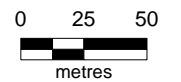
Version: Aerials

Date 26/03/2022

Drawn By: RF

Checked By: JS

Scale 1:3,000



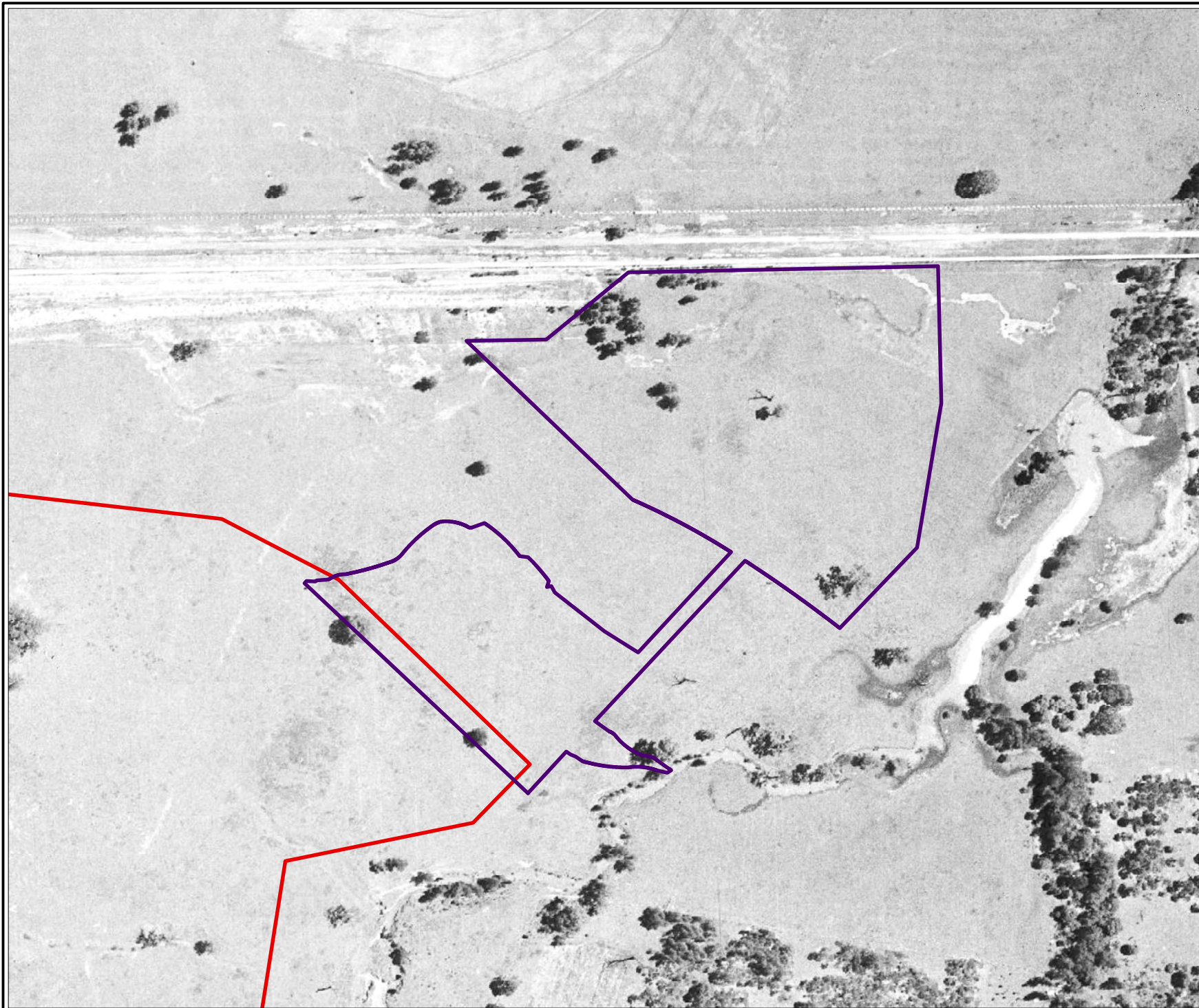
Coord. Sys. GDA 1994 MGA Zone 56



**10 Old Wallgrove Road,
Horsley Park**

**OAKDALE EAST-
STAGES 2, 3 AND 4**

PRECINCT 5

FIGURE 1947

**Legend:**

-  Approximate Boundary - Oakdale East
-  Precinct 5 Boundary



Job No: 60530

Client: Austral Brickworks

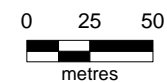
Version: Aerials

Date 26/03/2022

Drawn By: RF

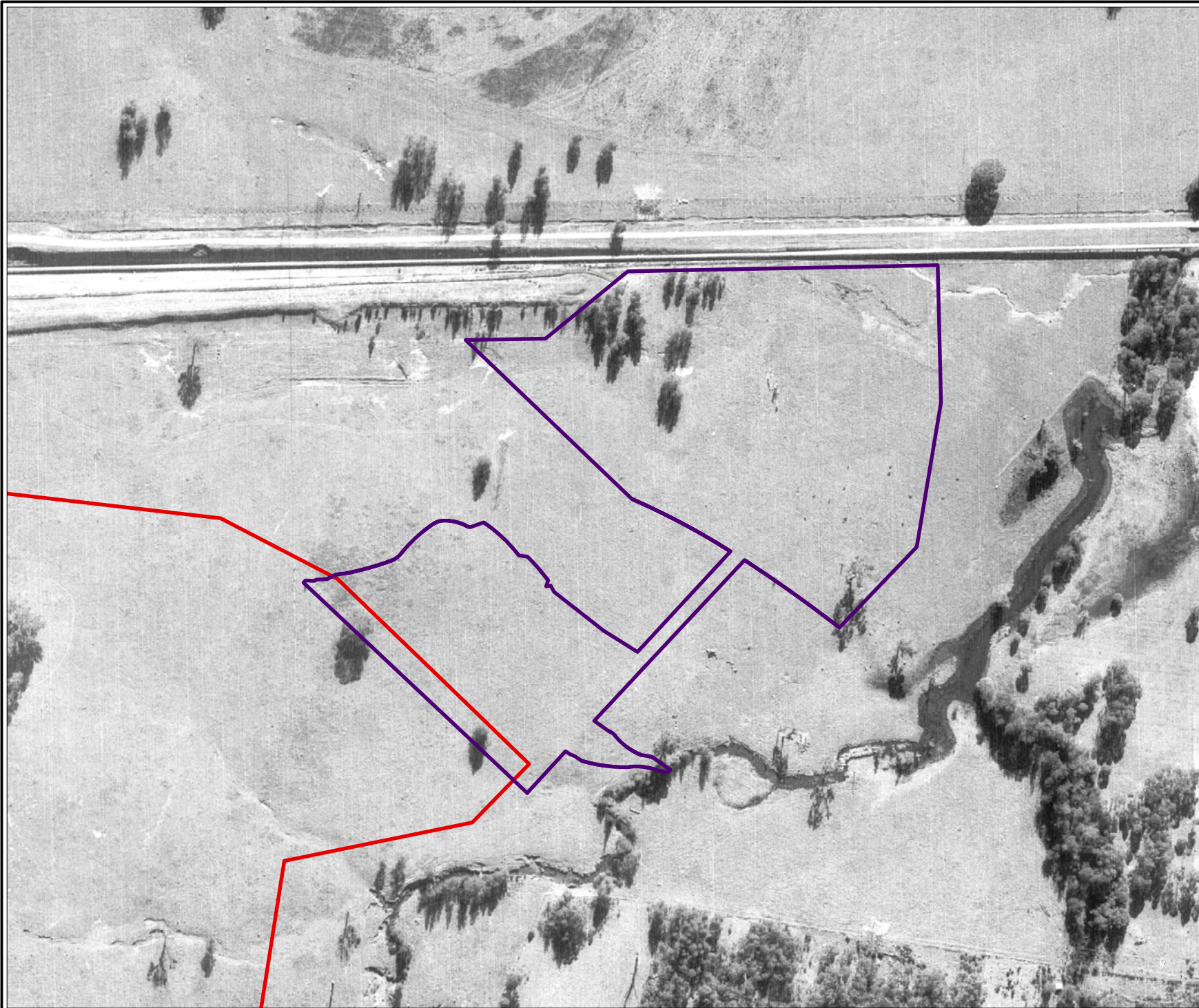
Checked By: JS

Scale 1:3,000





Coord. Sys. GDA 1994 MGA Zone 56

**10 Old Wallgrove Road,
Horsley Park****OAKDALE EAST-
STAGES 2, 3 AND 4****PRECINCT 5****FIGURE 1956**



Legend:

-  Approximate Boundary - Oakdale East
-  Precinct 5 Boundary



Job No: 60530

Client: Austral Brickworks

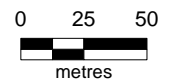
Version: Aerials

Date 26/03/2022

Drawn By: RF

Checked By: JS

Scale 1:3,000



Coord. Sys. GDA 1994 MGA Zone 56

**10 Old Wallgrove Road,
Horsley Park**

**OAKDALE EAST-
STAGES 2, 3 AND 4**

PRECINCT 5

FIGURE 1961



- Legend:**
- Approximate Boundary - Oakdale East
 - Precinct 5 Boundary



Job No: 60530

Client: Austral Brickworks

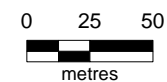
Version: Aerials

Date 26/03/2022

Drawn By: RF

Checked By: JS

Scale 1:3,000



Coord. Sys. GDA 1994 MGA Zone 56

**10 Old Wallgrove Road,
Horsley Park**



**OAKDALE EAST-
STAGES 2, 3 AND 4**

PRECINCT 5

FIGURE 1970



Legend:

-  Approximate Boundary - Oakdale East
-  Precinct 5 Boundary



Job No: 60530

Client: Austral Brickworks

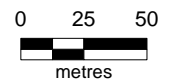
Version: Aerials

Date 26/03/2022

Drawn By: RF

Checked By: JS

Scale 1:3,000



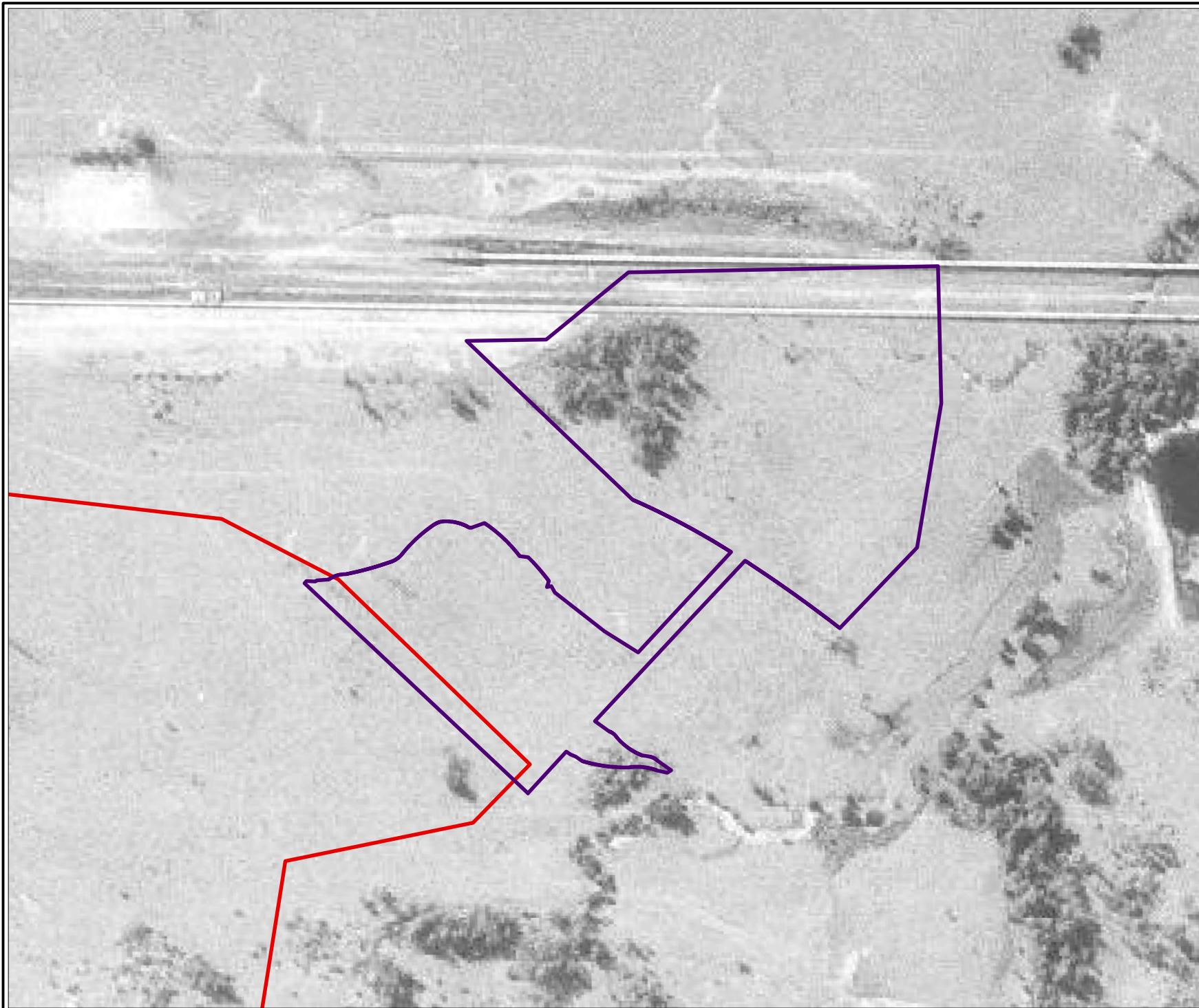
Coord. Sys. GDA 1994 MGA Zone 56



**10 Old Wallgrove Road,
Horsley Park**

**OAKDALE EAST-
STAGES 2, 3 AND 4**

PRECINCT 5

FIGURE 1975

**Legend:**

-  Approximate Boundary - Oakdale East
-  Precinct 5 Boundary



Job No: 60530

Client: Austral Brickworks

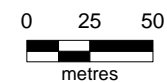
Version: Aerials

Date 26/03/2022

Drawn By: RF

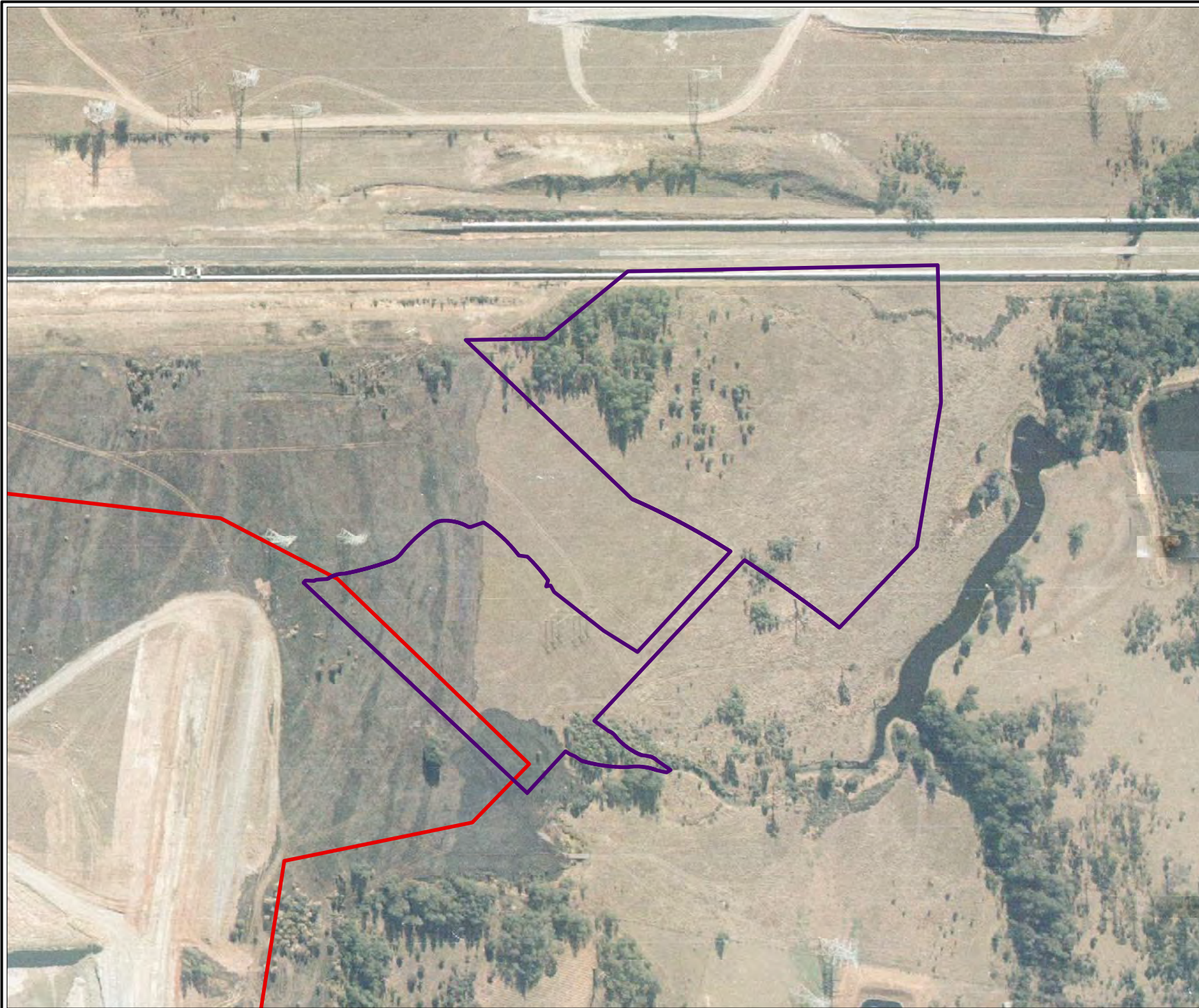
Checked By: JS



Scale 1:3,000



Coord. Sys. GDA 1994 MGA Zone 56

**10 Old Wallgrove Road,
Horsley Park****OAKDALE EAST-
STAGES 2, 3 AND 4****PRECINCT 5****FIGURE 1983**

**Legend:**

-  Approximate Boundary - Oakdale East
-  Precinct 5 Boundary



Job No: 60530

Client: Austral Brickworks

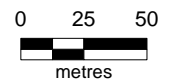
Version: Aerials

Date 26/03/2022

Drawn By: RF

Checked By: JS

Scale 1:3,000



Coord. Sys. GDA 1994 MGA Zone 56

**10 Old Wallgrove Road,
Horsley Park**

**OAKDALE EAST-
STAGES 2, 3 AND 4**

PRECINCT 5

FIGURE 1986

**Legend:**

- ▮ Approximate Boundary - Oakdale East
- ▮ Precinct 5 Boundary



Job No: 60530

Client: Austral Brickworks

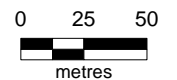
Version: Aerials

Date 26/03/2022

Drawn By: RF

Checked By: JS

Scale 1:3,000



Coord. Sys. GDA 1994 MGA Zone 56

**10 Old Wallgrove Road,
Horsley Park**

**OAKDALE EAST-
STAGES 2, 3 AND 4**

PRECINCT 5

FIGURE 1998



Legend:

- Approximate Boundary - Oakdale East
- Precinct 5 Boundary



Job No: 60530

Client: Austral Brickworks

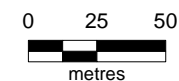
Version: Aerials

Date 26/03/2022

Drawn By: RF

Checked By: JS

Scale 1:2,750



Coord. Sys. GDA 1994 MGA Zone 56



**10 Old Wallgrove Road,
Horsley Park**

**OAKDALE EAST-
STAGES 2, 3 AND 4**

PRECINCT 5

FIGURE JULY 2010

**Legend:**

-  Approximate Boundary - Oakdale East
-  Precinct 5 Boundary



Job No: 60530

Client: Austral Brickworks

Version: Aerials

Date 26/03/2022

Drawn By: RF

Checked By: JS

Scale 1:2,750



0 25 50
metres

Coord. Sys. GDA 1994 MGA Zone 56



**10 Old Wallgrove Road,
Horsley Park**

**OAKDALE EAST-
STAGES 2, 3 AND 4**

PRECINCT 5

FIGURE AUGUST 2013

**Legend:**

-  Approximate Boundary - Oakdale East
-  Precinct 5 Boundary



Job No: 60530

Client: Austral Brickworks

Version: Aerials

Date 26/03/2022

Drawn By: RF

Checked By: JS

Scale 1:2,750





0 25 50
metres

Coord. Sys. GDA 1994 MGA Zone 56

**10 Old Wallgrove Road,
Horsley Park****OAKDALE EAST-
STAGES 2, 3 AND 4****PRECINCT 5****FIGURE JULY 2015**

**Legend:**

-  Approximate Boundary - Oakdale East
-  Precinct 5 Boundary



Job No: 60530

Client: Austral Brickworks

Version: Aerials

Date 26/03/2022

Drawn By: RF

Checked By: JS

Scale 1:2,750



0 25 50
metres

Coord. Sys. GDA 1994 MGA Zone 56



**10 Old Wallgrove Road,
Horsley Park**

**OAKDALE EAST-
STAGES 2, 3 AND 4**

PRECINCT 5

FIGURE DECEMBER 2018



- Legend:**
-  Approximate Boundary - Oakdale East
 -  Precinct 5 Boundary



Job No: 60530

Client: Austral Brickworks

Version: Aerials

Date 26/03/2022

Drawn By: RF

Checked By: JS

Scale 1:2,750



0 25 50
metres

Coord. Sys. GDA 1994 MGA Zone 56



**10 Old Wallgrove Road,
Horsley Park**

**OAKDALE EAST-
STAGES 2, 3 AND 4**

PRECINCT 5

FIGURE DECEMBER 2020

**Legend:**

-  Approximate Boundary - Oakdale East
-  Precinct 5 Boundary



Job No: 60530

Client: Austral Brickworks

Version: Aerials

Date 26/03/2022

Drawn By: RF

Checked By: JS

Scale 1:2,750



0 25 50
metres

Coord. Sys. GDA 1994 MGA Zone 56

**10 Old Wallgrove Road,
Horsley Park**

**OAKDALE EAST-
STAGES 2, 3 AND 4**

PRECINCT 5

FIGURE FEBRUARY 2022

Appendix E Certificates of Title



ABN: 36 092 724 251
Ph: 02 9099 7400
(Ph: 0412 199 304)

Level 14, 135 King Street, Sydney
Sydney 2000
GPO Box 4103 Sydney NSW 2001
DX 967 Sydney

Summary of Owners Report

Address: - 10 Old Wallgrove Road, Horsley Park

Description: - Lot 101 D.P. 1257276

As regards the parts numbered (1) on the attached Charting Map Extract

<u>Date of Acquisition and term held</u>	<u>Registered Proprietor(s) & Occupations where available</u>	<u>Reference to Title at Acquisition and sale</u>
24.12.1919 (1919 to 1950)	Frederick Thomas Bigg (Grazier)	Book 1174 No. 133
19.10.1950 (1950 to 1967)	Penfolds Wines Pty Limited	Book 2154 No. 603
29.06.1967 (1967 to date)	# The Austral Brick Company Proprietary Limited	Book 2842 No. 807

Denotes current registered proprietor

Leases: -

- 21.09.1967 (Book 2862 No. 137), of part to Penfolds Wines Pty Limited – surrendered 30.04.1988.
- Various leases and sub leases were found from 20.03.2000 that have since expired or have been surrendered. Not investigated.

Easements: -

- Various easements were found to affect. Refer to the current title for details.

Yours Sincerely,
Mark Groll
17 May 2021

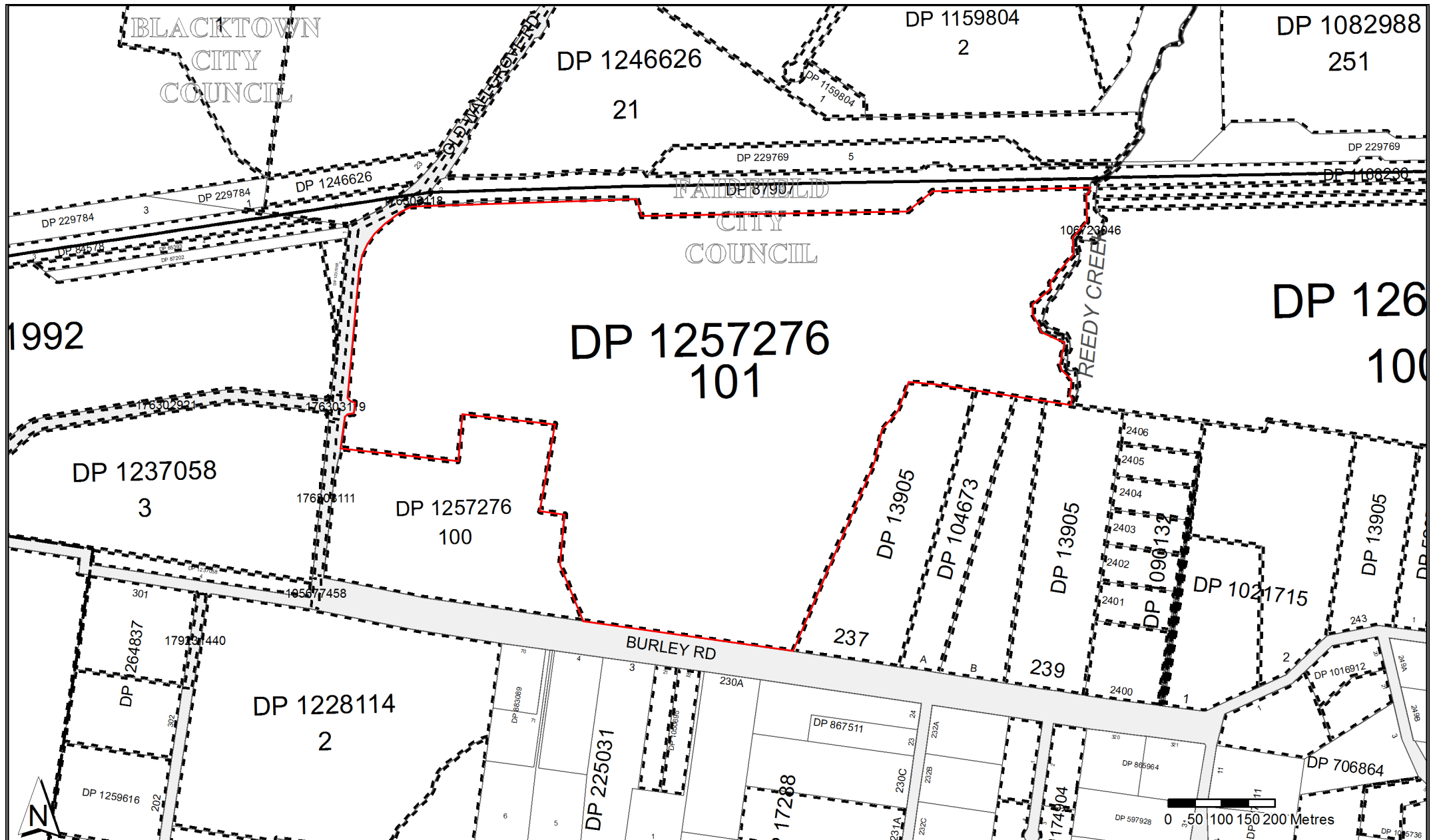
Cadastral Records Enquiry Report : Lot 101 DP 1257276

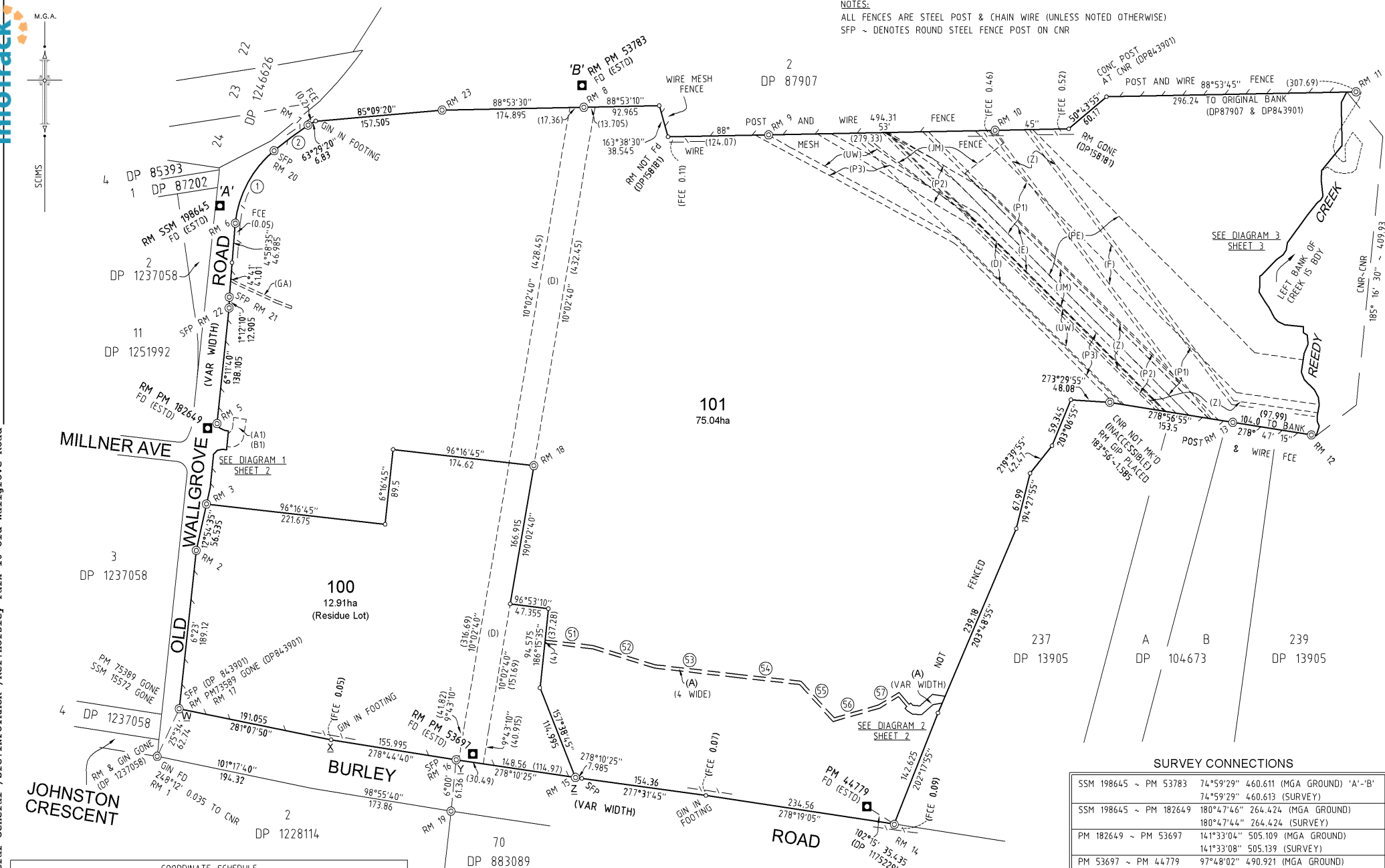
Locality : HORSLEY PARK

Parish : MELVILLE

LGA : FAIRFIELD

County : CUMBERLAND





SEE SHEET 3 FOR EASEMENT DESCRIPTIONS,
SCHEDULE OF SHORT & CURVED LINES,
AND SCHEDULE OF REFERENCE MARKS

SURVEY CONNECTIONS

SSM 198645 ~ PM 53783	74°59'29"	460.611	(MGA GROUND) 'A'-'B'
SSM 198645 ~ PM 182649	74°59'29"	460.613	(SURVEY)
PM 182649 ~ PM 53697	180°47'46"	264.424	(MGA GROUND)
PM 53697 ~ PM 44779	180°47'44"	264.424	(SURVEY)
PM 182649 ~ PM 53697	141°33'04"	505.109	(MGA GROUND)
PM 53697 ~ PM 44779	141°33'08"	505.139	(SURVEY)
PM 182649 ~ PM 53783	97°48'02"	490.921	(MGA GROUND)
PM 53697 ~ PM 44779	97°48'13"	490.911	(SURVEY)
PM 44779 ~ PM 53783	337°24'46"	916.169	(MGA GROUND)
PM 44779 ~ PM 53783	337°24'51"	916.215	(SURVEY)

SURVEYOR
Name: SCOTT PETER LINDSAY LORD
Date of Survey: 20th December 2019
Surveyor's Reference: 50404 012DP

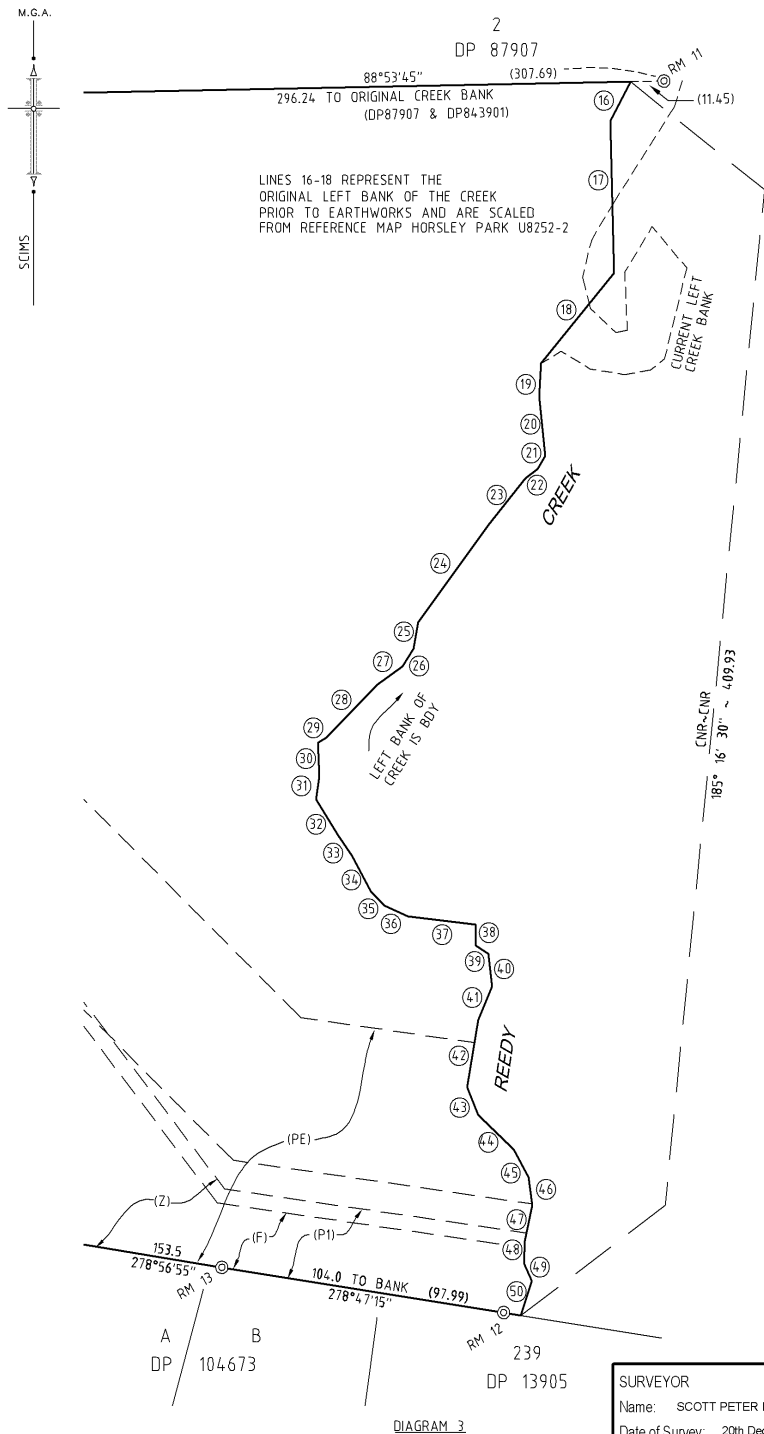
PLAN OF SUBDIVISION OF LOT 20 IN DP 1246626

LGA: FAIRFIELD
Locality: HORSLEY PARK
Reduction Ratio 1: 3000
Lengths are in metres.

Registered
12.6.2020

DP1257276

NOTES:
ALL FENCES ARE STEEL POST & CHAIN WIRE (UNLESS NOTED OTHERWISE)
SFP ~ DENOTES ROUND STEEL FENCE POST ON CNR



EASEMENT DESCRIPTIONS

EXISTING EASEMENTS

- (D) EASEMENT FOR TRANSMISSION LINE 30.48 WIDE (BK2910 No.894)
- (E) EASEMENT FOR TRANSMISSION LINE (GOV.GAZ. 21.12.62 FOL 3796)
- (F) EASEMENT FOR TRANSMISSION LINE (GOV.GA. 16-11-1962 FOL 3382)
- (A1) RIGHT OF ACCESS VARIABLE WIDTH (DP 1246626)
- (B1) EASEMENT FOR TRAFFIC LIGHT SERVICES VARIABLE WIDTH (DP 1246626)
- (P1) EASEMENT FOR TRANSMISSION LINE 60 WIDE & VARIABLE (AM47441)
- (P2) EASEMENT FOR TRANSMISSION LINE 45 WIDE & VARIABLE (AM47441)
- (P3) EASEMENT FOR TRANSMISSION LINE 45 WIDE & VARIABLE (AM47441)

PROPOSED EASEMENTS

- (GA) PROPOSED GAS EASEMENT 3 WIDE (DP 1202686)
- (JM) PROPOSED EASEMENT FOR TRANSMISSION LINE VARIABLE WIDTH (DP 1163212)
- (PE) PROPOSED EASEMENT FOR TRANSMISSION LINE 110 WIDE & VARIABLE (DP 1164692)
- (UW) PROPOSED EASEMENT FOR TRANSMISSION LINE 30 WIDE & VARIABLE (DP 1163212)
- (Z) PROPOSED EASEMENT FOR TRANSMISSION LINE 40 WIDE & VARIABLE (DP 641569)

NEW EASEMENTS

- (A) EASEMENT TO DRAIN WATER 4 WIDE AND VARIABLE

RESTRICTION ON THE USE OF LAND

VEHICLE ACCESS WILL BE DENIED ACROSS BOUNDARIES W - X - Y - Z
(AS SHOWN ON SHEET 1)

SCHEDULE OF REFERENCE MARKS

No.	BEARING	DISTANCE	MARK
1	267°07'	10.975	RM STAR PICKET FD (DP 1228114)
2	93°12'	16.895	RM DH&W FD (DP 1246626)
3	108°22'	0.595	RM GIP PLACED
4	109°30'	32.815	RM DH&W FD (DP 1246626)
5	0°32'	5.865	RM PM 18264.9 FD (DP 1246626)
6	137°25'	28.045	RM SSM 19864.5 FD (DP 1246626)
7	149°40'	3.555	RM DH&W FD (DP 1246626)
8	119°48'	4.475	RM PM 53783 FD (DP 843901 & SURVEY)
9	1°14'	0.755	RM GIP FD (DP 1163212)
10	0°34'	0.59	RM GIP FD (DP 1163212)
11	181°05'25"	0.445	RM GIP FD (DP 843901)
12	127°00'	0.565	RM GIP FD (DP 843901)
13	52°25'15"	32.88	RM GIP FD (BY CALC FROM DP 843901)
14	325°12'25"	0.475	RM GIP FD (DP 843901)
15	8°19'	1.935	RM GIP PLACED
16	276°40'20"	19.225	RM PM 53697 FD (CONNECTION BY DP 843901)
17	2°23'	0.775	RM GIP PLACED
18	21°52'	1.01	RM GIP PLACED
19	165°09'	3.325	RM GIP FD (DP 883089)
20	139°37'	3.105	RM DH&W PLACED
21	94°38'	3.17	RM DH&W PLACED
22	92°26'	4.31	RM DH&W PLACED
23	170°37'	2.14	RM GIP PLACED

SCHEDULE OF SHORT & CURVED LINES

No.	BEARING	DISTANCE	ARC	RADIUS
1	29°01'35"	98.48	101.095	127.825
2	54°09'20"	54.405	54.425	588.595
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16	208°09'20"	14.7		
17	178°31'40"	50.4		
18	220°02'	39.01		
19	183°52'30"	10.83		
20	173°43'30"	19.9		
21	210°35'40"	4.995		
22	234°44'	5.34		
23	219°18'10"	19.85		
24	216°55'15"	40.41		
25	189°39'45"	8.845		
26	213°41'40"	7.015		
27	234°59'25"	10.84		
28	224°35'30"	24.3		
29	240°18'45"	3.65		
30	176°45'10"	11.155		
31	188°25'35"	7.65		
32	148°08'25"	13.86		
33	144°05'30"	8.615		
34	151°36'40"	13.165		
35	134°13'45"	6.995		

No.	BEARING	DISTANCE
36	114°34'40"	8.67
37	96°18'25"	23.245
38	177°53'15"	7.055
39	121°59'40"	5.05
40	173°10'35"	10.925
41	203°47'25"	12.04
42	189°27'55"	22.61
43	157°30'15"	9.985
44	133°13'55"	16.74
45	150°57'05"	10.4
46	171°58'30"	9.335
47	192°27'25"	12.01
48	182°54'55"	7.425
49	155°29'55"	6.61
50	198°07'15"	11.9
51	96°14'20"	59.755
52	106°39'20"	79.93
53	96°16'35"	100.28
54	96°10'05"	80.615
55	136°47'05"	59.445
56	74°33'	56.82
57	59°22'45"	29.455
58	138°57'20"	18.88
59	48°57'20"	2.67
60	138°57'20"	3.48
61	95°47'45"	9.085
62	48°54'55"	20.68
63	97°36'10"	15.61
64	259°39'15"	11.625
65	230°28'15"	18.045
66	270°09'45"	11.24
67	303°29'40"	8.67
68	318°57'20"	3.385
69	48°57'20"	2.915
70	228°57'20"	4



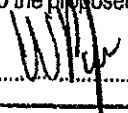
SURVEYOR
Name: SCOTT PETER LINDSAY LORD
Date of Survey: 20th December 2019
Surveyor's Reference: 50404 012DP

PLAN OF SUBDIVISION OF LOT 20 IN DP 1246626

LGA: FAIRFIELD
Locality: HORSLEY PARK
Reduction Ratio 1: 1250
Lengths are in metres.

Registered
12.6.2020

DP1257276

PLAN FORM 6 (2019)		DEPOSITED PLAN ADMINISTRATION SHEET		Sheet 1 of 3 sheet(s)	
Registered:  12.6.2020 Title System: TORRENS		Office Use Only		Office Use Only	
PLAN OF SUBDIVISION OF LOT 20 IN DP1246626		DP1257276 LGA: FAIRFIELD Locality: HORSLEY PARK Parish: MELLVILLE County: CUMBERLAND			
Survey Certificate I, SCOTT PETER LINDSAY LORD, of LTS LOCKLEY, LOCKED BAG 5, GORDON NSW 2072, a surveyor registered under the <i>Surveying and Spatial Information Act 2002</i> , certify that: *(a) The land shown in the plan was surveyed in accordance with the <i>Surveying and Spatial Information Regulation 2017</i> , is accurate and the survey was completed on 20 / 12 / 2019, or *(b) The part of the land shown in the plan (*being/*excluding **.....) was surveyed in accordance with the <i>Surveying and Spatial Information Regulation 2017</i>, the part surveyed is accurate and the survey was completed on..... the part not surveyed was compiled in accordance with that Regulation, or *(c) The land shown in this plan was compiled in accordance with the <i>Surveying and Spatial Information Regulation 2017</i> ; Datum Line: 'A'-'B' Type: *Urban/*Rural The terrain is *Level Undulating / *Steep Mountainous. Signature:  Dated: 19-5-2020 Surveyor Identification No: 8627 Surveyor registered under the <i>Surveying and Spatial Information Act 2002</i> *Strike out inappropriate words. **Specify the land actually surveyed or specify any land shown in the plan that is not the subject of the survey.		Crown Lands NSW/Western Lands Office Approval I, (Authorised Officer) in approving this plan certify that all necessary approvals in regard to the allocation of the land shown herein have been given. Signature: Date: File Number: Office:			
		Subdivision Certificate I, WAYNE POPE *Authorised Person/*General Manager/*Accredited Certifier, certify that the provisions of s.6.15 of the <i>Environmental Planning and Assessment Act 1979</i> have been satisfied in relation to the proposed subdivision, new road or reserve set out herein. Signature:  Accreditation number: Consent Authority: FAIRFIELD CITY COUNCIL Date of endorsement: 19 MAY 2020 Subdivision Certificate number: 9477 File number: DA133-1/2019 *Strike through if inapplicable.			
Plans used in the preparation of survey/compilation. DP1237058 Bk 2910 No. 894 DP87907 DP641569 DP1246626 DP1090132 DP1175229 DP843901 DP1011583 CP3297-2030 DP13905 DP1163212 Gov Gaz 16-11-1962 Fol 3382 CP3298-2030 DP104673 Gov Gaz 21-12-1962 Fol 3796 DP1173181 DP1228114		Statements of intention to dedicate public roads, create public reserves and drainage reserves, acquire/resume land.			
Surveyor's Reference: 50404 012DP		Signatures, Seals and Section 88B Statements should appear on PLAN FORM 6A			

PLAN FORM 6A (2017)

DEPOSITED PLAN ADMINISTRATION SHEET

Sheet 2 of 3 sheet(s)

Registered:



12.6.2020

Office Use Only

Office Use Only

PLAN OF SUBDIVISION OF LOT 20 IN
DP1246626

DP1257276

Subdivision Certificate number: 9477

Date of Endorsement: 19 MAY 2020

This sheet is for the provision of the following information as required:

- A schedule of lots and addresses - See 60(c) SSI Regulation 2017
- Statements of intention to create and release affecting interests in accordance with section 88B Conveyancing Act 1919
- Signatures and seals- see 195D Conveyancing Act 1919
- Any information which cannot fit in the appropriate panel of sheet 1 of the administration sheets.

PURSUANT TO SECTION 88B OF THE CONVEYANCING ACT, 1919, IT IS INTENDED TO CREATE:

1. EASEMENT TO DRAIN WATER 4 WIDE AND VARIABLE (A)
2. RESTRICTION ON THE USE OF LAND
3. POSITIVE COVENANT
4. ~~RESTRICTION ON THE USE OF LAND~~ S.L.

LOT	STREET NUMBER	STREET NAME	STREET TYPE	LOCALITY
100	2	OLD WALLGROVE	ROAD	HORSLEY PARK
101	10	OLD WALLGROVE	ROAD	HORSLEY PARK

If space is insufficient use additional annexure sheet

Surveyor's Reference: 50404 012DP

AUTHORISED TO AMEND

11-6-2020

CLINT PETER LINDSEY LORS (REGISTERED SURVEYOR) NANCY

PLAN FORM 6A (2017)

DEPOSITED PLAN ADMINISTRATION SHEET

Sheet 3 of 3 sheet(s)

Office Use Only

Office Use Only

Registered:



12.6.2020

PLAN OF SUBDIVISION OF LOT 20 IN
DP1246626

DP1257276

Subdivision Certificate number: 9477

Date of Endorsement: 19 MAY 2020

This sheet is for the provision of the following information as required:

- A schedule of lots and addresses - See 60(c) SSI Regulation 2017
- Statements of intention to create and release affecting interests in accordance with section 88B Conveyancing Act 1919
- Signatures and seals- see 195D Conveyancing Act 1919
- Any information which cannot fit in the appropriate panel of sheet 1 of the administration sheets.

EXECUTED by
THE AUSTRAL BRICK COMPANY
PROPRIETARY LIMITED
ACN 000 005 550
in accordance with Section 127
of the Corporations Act

)
)
)
)
)
)

Signature of Director

ROBERT BAKEWELL

NAME (please print)

Electronic signature affixed by me,
or at my direction, on 22 May 2020

Signature of Director/secretary

SUSAN LEPPINUS

NAME (please print)

Electronic signature affixed by me, or
at my direction, on 22 May 2020

If space is insufficient use additional annexure sheet

Surveyor's Reference: 50404 012DP

Plan Form 2—This form must NOT be used where it is intended to dedicate public roads or public reserves or create drainage reserves, easements, or restrictions as to user.—See Form 3. WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION.

3

CONVERSION TABLE ADDED IN REGISTRAR GENERAL'S DEPARTMENT

DP 233539

FEET	INCHES	METRES
-	4	0.102
1	-	0.305
1	7 7/8	0.505
1	8	0.508
2	5 1/2	0.749
4	-	1.219
4	5 1/4	1.353
12	-	3.658
12	1	3.683
15	1	4.597
16	7	5.055
22	7 1/2	6.096
25	7	7.811
36	10 3/4	11.246
57	4	17.475
66	-	20.117
70	0 1/2	21.349
73	-	22.250
228	5	59.621
263	1	80.188
303	8	92.558
303	9	92.583
361	1	110.058
369	1	112.497
402	6	122.682
408	2	124.409
451	4	137.566
456	10	139.243
511	2	155.804
567	-	169.774
573	7	174.828
576	5	175.692
616	-	187.757
652	-	198.730
652	6	198.882
660	2	201.219
797	1	242.951
809	10	246.837
827	9	252.296
837	-	255.118
882	6	269.037
937	6 1/2	285.763
1114	9	340.995
1402	5	427.457
1622	3	494.462
1815	5 1/2	553.352
1859	10	566.877
1861	-	567.233
1897	-	578.206
1937	3	1200.074
1939	2	1200.653

4C RD P	54
- 3 15	3415
2 - 12	8397

4C RD P	HA
9 2 12 1/2	3.876
36 - 3 1/2	14.58
36 - 36 1/2	14.66
74 3 22 1/2	30.31
111 1 18 1/2	45.07

D. P. 233539

Registered: 1093 of 19/8/1966
Title System: Torrens Old System
Purpose: Subdivision
Ref. Maps: Parish of CCC 388
Last Plan: PA 33415A

PLAN OF

Subdivision of land in
C of T. Vol 5011 Fol 128
and part of land in
Conveyance N° 133 Bk 1174

Scale: 400 Feet to an inch

Mun./Shire: Blacktown
City: Wallgrove
Locality: Melville
Parish: Cumberland
County: Cumberland

L. Robert. Bessen. Alderton
of P.W. Rygate & West, Sydney
a surveyor registered under the Surveyors Act, 1929, as amended,
hereby certify that the survey represented in this plan
is accurate and has been made (1) to the best of my knowledge
and belief in accordance with the Surveyors Regulations, 1932,
and was completed on 1.12.66.

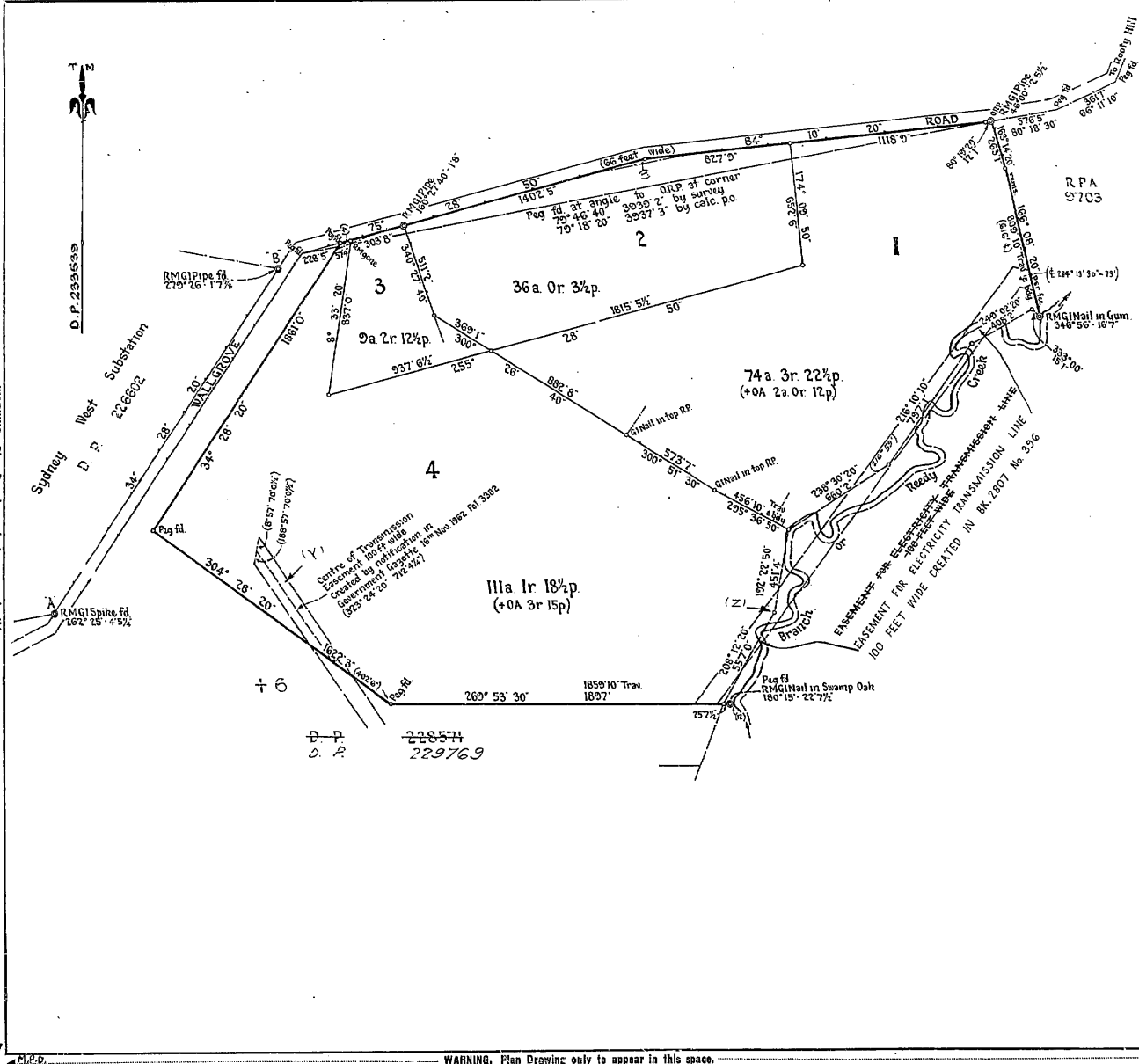
Signature: [Signature]
Surveyor registered under Surveyors Act, 1929, as amended.
Datum line of Astron. AD

Council Clerk's Certificate.

I hereby certify that—
(a) the requirements of the Local Government Act, 1919
(other than the requirements for the registration of
plans), and
(b) the requirements of section 248 of the Metropolitan
Water, Sewerage, and Drainage Act, 1924, as
amended,
have been complied with by the applicant in relation to the
proposed SUBDIVISION
(insert "new road" or "subdivision" as set out hereon).
Subdivision No. 4093
Date: 14 AUGUST 1966
M.P.D. [Signature]
382. Council Clerk.

* NOTE—This part of certificate to be deleted where the
application is only for the opening of a new road or where
the land to be subdivided is wholly outside the area of
operation of the Metropolitan Water Sewerage and Drainage
Board.

SURVEYORS REFERENCE N° 35784



AMENDMENTS OR ADDITIONS NOTED ON PLAN
IN REGISTRAR GENERAL'S OFFICE.

I, Bruce Richard Davies, Registrar General for New South Wales, certify
that this negative is a photograph made as a permanent record of a
document in my custody this 30th day of June, 1977

[Signature]

1



SEARCH DATE

17/5/2021 6:08AM

FOLIO: 1/843901

First Title(s): OLD SYSTEM

Prior Title(s): CA58576

Recorded	Number	Type of Instrument	C.T. Issue
-----	-----	-----	-----
22/12/1994	CA58576	CONVERSION ACTION	FOLIO CREATED EDITION 1
28/6/1995	0335596	REQUEST	
29/8/1996	2412151	REQUEST	
2/9/1996	2412255	REQUEST	
20/3/2000	6617727	LEASE	
20/3/2000	6617728	LEASE	
20/3/2000	6617729	LEASE	
20/3/2000	6617730	LEASE	EDITION 2
7/11/2000	7204471	DEPARTMENTAL DEALING	
14/3/2001	7474119	TRANSFER OF LEASE	
14/3/2001	7474120	TRANSFER OF LEASE	
14/3/2001	7474121	TRANSFER OF LEASE	
14/3/2001	7474122	TRANSFER OF LEASE	
16/4/2002	8431829	SUB-LEASE	
16/4/2002	8431830	SUB-LEASE	
16/4/2002	8431831	SUB-LEASE	
16/4/2002	8431832	SUB-LEASE	
29/8/2005	AB485529	REJECTED - LEASE	
29/8/2005	AB485530	REJECTED - LEASE	
29/8/2005	AB485531	REJECTED - LEASE	
10/11/2005	AB861891	LEASE	
10/11/2005	AB861892	LEASE	
10/11/2005	AB861893	LEASE	EDITION 3
19/5/2011	DP1164692	DEPOSITED PLAN	
19/5/2011	DP1163212	DEPOSITED PLAN	
6/6/2012	DP1175731	DEPOSITED PLAN	
22/10/2013	AI105013	DEPARTMENTAL DEALING	

END OF PAGE 1 - CONTINUED OVER

SEARCH DATE

17/5/2021 6:08AM

FOLIO: 1/843901

PAGE 2

Recorded -----	Number -----	Type of Instrument -----	C.T. Issue -----
16/11/2013	AI64619	REQUEST	
29/12/2014	DP1202686	DEPOSITED PLAN	
16/3/2017	AM47441	REQUEST	
16/3/2017	AK780059	TRANSFER OF EASEMENT IN GROSS	
16/3/2017	AM236131	DEPARTMENTAL DEALING	
4/10/2018	DP1246626	DEPOSITED PLAN	FOLIO CANCELLED RESIDUE REMAINS

*** END OF SEARCH ***

Horsley Park 10 Old Wallgrove Road

PRINTED ON 17/5/2021

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LAND
REGISTRY
SERVICES

Historical Title



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

17/5/2021 6:07AM

FOLIO: 20/1246626

First Title(s): OLD SYSTEM

Prior Title(s): 1/843901

Recorded -----	Number -----	Type of Instrument -----	C.T. Issue -----
4/10/2018	DP1246626	DEPOSITED PLAN	FOLIO CREATED EDITION 1
29/1/2020	AP828464	REQUEST	EDITION 2
23/3/2020	AP982012	REQUEST	
23/3/2020	AP982013	REQUEST	
12/6/2020	DP1257276	DEPOSITED PLAN	FOLIO CANCELLED

*** END OF SEARCH ***

Horsley Park 10 Old Wallgrove Road

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LAND
REGISTRY
SERVICES

Historical Title



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

17/5/2021 6:07AM

FOLIO: 101/1257276

First Title(s): OLD SYSTEM

Prior Title(s): 20/1246626

Recorded	Number	Type of Instrument	C.T. Issue
12/6/2020	DP1257276	DEPOSITED PLAN	FOLIO CREATED EDITION 1
19/2/2021	DP1271436	DEPOSITED PLAN	
17/3/2021	AQ819817	VARIATION OF EASEMENT	

*** END OF SEARCH ***

Horsley Park 10 Old Wallgrove Road

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FOLIO: 101/1257276

SEARCH DATE	TIME	EDITION NO	DATE
-----	----	-----	----
17/5/2021	6:07 AM	1	12/6/2020

LAND

LOT 101 IN DEPOSITED PLAN 1257276
AT HORSLEY PARK
LOCAL GOVERNMENT AREA FAIRFIELD
PARISH OF MELVILLE COUNTY OF CUMBERLAND
TITLE DIAGRAM DP1257276

FIRST SCHEDULE

THE AUSTRAL BRICK COMPANY PROPRIETARY LIMITED

SECOND SCHEDULE (10 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 NOTIFICATION IN GOVERNMENT GAZETTE DATED 16-11-1962 FOLIO 3382
EASEMENT FOR TRANSMISSION LINE 30.48 WIDE AFFECTING THE PART(S)
SHOWN SO BURDENED IN THE TITLE DIAGRAM
2412151 EASEMENT VESTED IN THE NEW SOUTH WALES
ELECTRICITY TRANSMISSION AUTHORITY
- 3 NOTIFICATION IN GOVERNMENT GAZETTE DATED 21-12-1962 FOLIO 3796
EASEMENT FOR TRANSMISSION LINE 30.48 WIDE AFFECTING THE PART(S)
SHOWN SO BURDENED IN THE TITLE DIAGRAM
2412255 NOW VESTED IN NEW SOUTH WALES ELECTRICITY
TRANSMISSION AUTHORITY
- 4 BK 2910 NO 894 EASEMENT FOR TRANSMISSION LINE 30.48 WIDE AFFECTING
THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
0335596 EASEMENT VESTED IN PROSPECT ELECTRICITY
* AQ819817 VARIATION OF EASEMENT BK 2910 NO 894 SITE VARIED
AS SHOWN IN DP1271436
- 5 AM47441 EASEMENT FOR TRANSMISSION LINE 60 WIDE AND VARIABLE
AFFECTING THE PART DESIGNATED (P1) IN THE TITLE DIAGRAM
- 6 AM47441 EASEMENT FOR TRANSMISSION LINE 45 WIDE AND VARIABLE
AFFECTING THE PART DESIGNATED (P2) IN THE TITLE DIAGRAM
AK780059 EASEMENT NOW VESTED IN ENDEAVOUR ENERGY
- 7 AM47441 EASEMENT FOR TRANSMISSION LINE 45 WIDE AND VARIABLE
AFFECTING THE PART DESIGNATED (P3) IN THE TITLE DIAGRAM
AK780059 EASEMENT NOW VESTED IN ENDEAVOUR ENERGY
- 8 DP1246626 RIGHT OF ACCESS VARIABLE WIDTH AFFECTING THE PART(S)
SHOWN SO BURDENED IN THE TITLE DIAGRAM
- 9 DP1246626 EASEMENT FOR TRAFFIC LIGHT SERVICES VARIABLE WIDTH
AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE
DIAGRAM

END OF PAGE 1 - CONTINUED OVER

FOLIO: 101/1257276

PAGE 2

SECOND SCHEDULE (10 NOTIFICATIONS) (CONTINUED)

10 DP1257276 EASEMENT TO DRAIN WATER 4 METRE(S) WIDE AND VARIABLE
AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE
DIAGRAM

NOTATIONS

DP641569 NOTE: PLAN OF PROPOSED EASEMENTS FOR TRANSMISSION LINE
DP1163212 NOTE: PLAN OF PROPOSED EASEMENTS FOR TRANSMISSION LINE
DP1164692 NOTE: PLAN OF PROPOSED EASEMENT FOR TRANSMISSION LINE 110
WIDE AND VARIABLE
DP1202686 NOTE: PLAN OF PROPOSED GAS EASEMENT
DP1271436 PLAN OF PROPOSED EASEMENT

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

Horsley Park 10 Old Wallgrove Road

PRINTED ON 17/5/2021

* Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the information appearing under notations has not been formally recorded in the Register. InfoTrack an approved NSW Information Broker hereby certifies that the information contained in this document has been provided electronically by the Registrar General in accordance with Section 96B(2) of the Real Property Act 1900.

Appendix F NSW EPA Records

[Home](#) [Public registers](#) [Contaminated land record of notices](#)

Search results

Your search for: Suburb: HORSLEY PARK

did not find any records in our database.

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

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

More information about particular sites may be available from:

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

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

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

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

[Search Again](#)

[Refine Search](#)

Search TIP

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

... [more search tips](#)

For business and industry ^

30 March 2022

For local government ^

Contact us

131 555 (tel:131555)

Online (<https://yoursay.epa.nsw.gov.au/epa-website-feedback>)

info@epa.nsw.gov.au (<mailto:info@epa.nsw.gov.au>)

EPA Office Locations (<https://www.epa.nsw.gov.au/about-us/contact-us/locations>)

Accessibility (<https://www.epa.nsw.gov.au/about-us/contact-us/website-service-standards/help-index>)

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in
(<https://au.l>
environmer
protection-
authority-
epa)

Find us on

Suburb	SiteName	Address	ContaminationActivityType	ManagementClass	Latitude	Longitude
HILLSTON	Former BP Depot Hillston	141-143 Cowper STREET	Other Petroleum	Regulation under CLM Act not required	-33.48823546	145.5381623
HOLBROOK	Caltex Truckstop	Hume HIGHWAY	Service Station	Regulation under CLM Act not required	-35.71332625	147.3207237
HOME BUSH	Ausgrid Mason Park Substation	1 Underwood ROAD	Other Industry	Regulation under CLM Act not required	-33.85674677	151.0747044
HOME BUSH BAY	SUEZ Waste Recycling Centre (WRC) and Cleanaway Liquid Waste Treatment Plant (LWTP)	Corner Pondage Link and Hill ROAD	Landfill	Regulation under CLM Act not required	-33.84359299	151.0593656
HOME BUSH WEST	Caltex Service Station Homebush West	334-336 Parramatta ROAD	Service Station	Regulation under CLM Act not required	-33.8581543	151.0681261
HOME BUSH WEST	Former Ford Landfill and Adjacent Land	22 Mandemar AVENUE	Landfill	Regulation under CLM Act not required	-33.86142424	151.0625556
HORNSBY	Midas Car Care Centre Hornsby	2A Linda STREET	Other Industry	Regulation under CLM Act not required	-33.70052215	151.1004786
HORNSBY	Coles Express Hornsby	194- 206 Pacific HIGHWAY	Service Station	Contamination currently regulated under CLM Act	-33.7071993	151.0991452
HORNSBY	Hornsby Train Maintenance Centre	1B Stephen STREET	Other Industry	Regulation under CLM Act not required	-33.69370022	151.1035939
HOXTON PARK	Endeavour Energy Hoxton Park	490 Hoxton Park ROAD	Other Industry	Regulation under CLM Act not required	-33.92766437	150.8689069
HUNTERS HILL	Coles Express Hunters Hill	4 Ryde ROAD	Service Station	Regulation under CLM Act not required	-33.8317985	151.141655
HUNTERS HILL	Foreshore Land	Rear of 7, 9 & 11 Nelson PARADE	Other Industry	Contamination currently regulated under CLM Act	-33.84248362	151.1649249
HUNTERS HILL	7, 9 and 11 Nelson Parade Hunters Hill	7, 9 and 11 Nelson PARADE	Other Industry	Regulation under CLM Act not required	-33.84220148	151.1649724
HURLSTONE PARK	Former Telstra Depot	82 Canterbury ROAD	Service Station	Regulation under CLM Act not required	-33.90803171	151.1258121
HURLSTONE PARK	Former Speedway Petroleum Service Station	610 - 618 New Canterbury ROAD	Service Station	Contamination formerly regulated under the CLM Act	-33.90541228	151.1322009

Licence Variation

Licence - 546



THE AUSTRAL BRICK CO PTY LTD
ABN 52 000 005 550 ACN 000 005 550
PO BOX 6550
WETHERILL PARK NSW 1851

Attention: Cassandra Steppacher

Notice Number 1609604
File Number EF13/3705
Date 23-Nov-2021

NOTICE OF VARIATION OF LICENCE NO. 546

BACKGROUND

- A. THE AUSTRAL BRICK CO PTY LTD ("the licensee") is the holder of Environment Protection Licence No. 546 ("the licence") issued under the *Protection of the Environment Operations Act 1997* ("the Act"). The licence authorises the carrying out of activities at 738-780 WALLGROVE ROAD, HORSLEY PARK, NSW, 2175 ("the premises").
- B. On 04-Jun-2021 the Environment Protection Authority (EPA) received an application for the variation of the licence.
- C. The licensee is requesting to change condition E1.3 of the licence, that relates to due dates of the Dry Gas Scrubber Rollout. In a letter from the licensee to the EPA dated 1 June 2021, the licensee explained that impacts associated with Covid-19 has delayed the commissioning of Plant 2, including its dry gas scrubber. As such, the licensee has requested an extension to the due date to install a dry gas scrubber until 2022.
- D. The EPA understands that Covid-19 has disrupted many licensees, and will vary condition E1.3 as requested.
- E. The licensee has also committed to completing the installation of all the dry gas scrubbers a year earlier than required under conditions E1.3 and E1.4 (currently due for completion in 2023). As such, the EPA will vary these conditions to require the final dry gas scrubber to be installed by the end of 2022.
- F. As there is an operating dry gas scrubber at EPA Point 7 (Plant 3), the EPA is updating the air concentration limits for this point. Stack testing for the dry gas scrubber indicates that it can achieve concentrations of pollutants, well below current limits.
- G. The licensee has also indicated, through development applications regarding the installation of an additional two dry gas scrubbers at the premises (DA 24.1/2021 and SSD 10422), that the dry gas scrubber at EPA Point 7 should achieve pollutant concentrations well below current licence limits.

Licence Variation



- H. Accordingly, the EPA is lowering the concentration limits for pollutants emitted from Stack 7 (Condition L3.4).
- I. The licensee also requested the addition of a condition that would permit the licensee to exceed water concentration discharge limits during a 5-day 90th percentile rainfall event. As part of the EPA's due diligence in assessing this request, as site inspection is necessary. Due to Covid-19 restrictions in Sydney, the EPA does not believe an inspection for this purpose is 'essential'. As such, the EPA will assess this request in the future.
- J. The licensee was provided a draft copy of this Notice for comment on 21 July 2021.
- K. On 4 August 2021, the licensee provided its response to the draft Notice.
- L. The licensee commented on the proposed concentrations limits. The licensee requested limits that reflect a 40% buffer for expected emission limits as outlined in the manufacturers specifications for EPA Point 7. However, Austral did not provide sufficient justification for the 40% buffer.
- M. Austral also requested a total solid particle limit above the Group 5 prescribed concentration limit under the *Protection of the Environment Operations (Clean Air) Regulation 2020* (Regulation). EPL limits above the Regulation are not appropriate.
- N. Since the EPA proposed the initial concentration limits in the draft Notice, the licensee has provided the manufacturers specifications based on what the scrubber is designed to achieve. As such, the EPA proposed updated limits, based on the manufacturer's specifications.
- O. The licensee also requested further changes to the due dates in condition E1.3 originally requested in their letter on 4 July 2021. The EPA requires additional time to consider this request. The EPA will vary this licence to include the initial variations to the due dates requested by the licensee.
- P. The revised concentration limits were sent to the licensee on the 12 October 2021.
- Q. On the 12 October 2021, the licensee emailed the EPA, stating they accepted the proposed limits.
- R. In considering s45 of the Act, the EPA believes this variation will result in an improvement to how pollution control measures are regulated at the premises.

VARIATION OF LICENCE NO. 546

1. By this notice the EPA varies licence No. 546. The attached licence document contains all variations that are made to the licence by this notice.
2. The following variations have been made to the licence:
 - Condition P1.1 Update location description of monitoring points
 - Condition L3.4 EPA Point 11 - include reference to EPA Point 11.
 - Condition L3.4 EPA Point 7 - lowered pollutant concentration limits.
 - Condition E1.3 Update due dates for dry gas scrubber installation timeline.
 - Condition E1.4 Update due date in reference to Plant 1.

Licence Variation



A handwritten signature in dark ink, appearing to read 'Ruth Oowler'.

RUTH OWLER

A/Unit Head - Regulatory Operations Metro

Environment Protection Authority

(by Delegation)

INFORMATION ABOUT THIS NOTICE

- This notice is issued under section 58(5) of the Act.
- Details provided in this notice, along with an updated version of the licence, will be available on the EPA's Public Register (<http://www.epa.nsw.gov.au/prpoeo/index.htm>) in accordance with section 308 of the Act.

Appeals against this decision

- You can appeal to the Land and Environment Court against this decision. The deadline for lodging the appeal is 21 days after you were given notice of this decision.

When this notice begins to operate

- The variations to the licence specified in this notice begin to operate immediately from the date of this notice, unless another date is specified in this notice.
- If an appeal is made against this decision to vary the licence and the Land and Environment Court directs that the decision is stayed the decision does not operate until the stay ceases to have effect or the Land and Environment Court confirms the decision or the appeal is withdrawn (whichever occurs first).

Licence Variation Summary



Licence - 546

This Summary serves merely to highlight changes made to areas of this licence. Changes made to tables within the licence are indicated using underline (for additions) and Strikethrough (for deletions).

While changes to conditions are indicated under subheadings such as 'New condition', 'Old condition', 'Replaced by', and 'Removed condition'.

The attached licence document contains all the changes made to this licence by the attached variation notice.

2 Discharges to Air and Water and Applications to Land

Location of monitoring/discharge points and areas

Point no	Type description	Location description
-4	Discharge to air; Air emissions monitoring	Stack for Kiln Number 1 on Plant 1 – MGA coordinates advised by licensee in correspondence to EPA dated 13 March 2020 (DOC20/294924).
<u>4</u>	<u>Discharge to air; Air emissions monitoring</u>	<u>Plant 1 - Stack for Kiln Number 1 - As per map 4Pillars Environmental Consulting Dated 31/3/2020. EPA Ref (DOC21/467241-2)</u>
Point no	Type description	Location description
-5	Discharge to air; Air emissions monitoring	Stack for Kiln Number 5 at Plant 2 – MGA coordinates advised by licensee in correspondence to EPA dated 13 March 2020 (DOC20/294924).
<u>5</u>	<u>Discharge to air; Air emissions monitoring</u>	<u>Plant 2 - Stack for Kiln Number 5 - As per map 4Pillars Environmental Consulting Dated 31/3/2020. EPA Ref (DOC21/467241-2)</u>
Point no	Type description	Location description
-6	Discharge to air; Air emissions monitoring	Stack for Kiln number 6 on Plant 3 known as Swindell kiln – MGA coordinates advised by licensee in correspondence to EPA dated 13 March 2020 (DOC20/294924).
<u>6</u>	<u>Discharge to air; Air emissions monitoring</u>	<u>Plant 3 - Stack for Kiln number 6 - Swindell kiln - As per map 4Pillars Environmental Consulting Dated 31/3/2020. EPA Ref (DOC21/467241-1)</u>
Point no	Type description	Location description
-7	Discharge to air; Air emissions monitoring	Stack for Kiln number 7 on Plant 3 known as Ceric kiln – MGA coordinates advised by licensee in correspondence to EPA dated 13 March 2020 (DOC20/294924).
<u>7</u>	<u>Discharge to air; Air emissions monitoring</u>	<u>Plant 3 - Stack for Kiln number 7 - Ceric kiln - As per map 4Pillars Environmental Consulting Dated 31/3/2020. EPA Ref (DOC21/467241-1)</u>

3 Limit Conditions

Concentration limits

Pollutant	Units of measure	100 percentile concentration limit
-----------	------------------	------------------------------------

4,5,6,7	milligrams per cubic metre	50
4,5,6	milligrams per cubic metre	50
4,5,6,7	milligrams per cubic metre	2000
4,5,6	milligrams per cubic metre	2000
4,5,6,7	milligrams per cubic metre	400
4,5,6	milligrams per cubic metre	100
4,5,6,7	milligrams per cubic metre	400
4,5,6	milligrams per cubic metre	400
7	milligrams per cubic metre	30
7	milligrams per cubic metre	75
7	milligrams per cubic metre	120
7	milligrams per cubic metre	80
7	milligrams per cubic metre	100
7	milligrams per cubic metre	240

Air emission limits

Old condition:

Concentration limit for Nitrogen Oxides is to be informed by post commission emission monitoring as requested.

Replaced by:

Concentration limit for Nitrogen Oxides , for the Gas Fired Boiler (EPA Point 11), is to be informed by post commission emission monitoring as requested.

9 Special Conditions

Scrubber Installation Program

Old condition:

The Dry Gas Scrubber Rollout must be completed in accordance with the following timetable:

- a) By no later than 31 December 2021 - Scrubber installation at one kiln stack (EPL Point 4, 5 or 6)
- b) By no later than 31 December 2022 - Scrubber installation at one kiln stack (EPL Point 4, 5 or 6)
- c) By no later than 31 December 2023 - Scrubber installation at one kiln stack (EPL Point 4, 5 or 6)

Replaced by:

The Dry Gas Scrubber Rollout must be completed in accordance with the following timetable:

- a) Plant 2 can only return into operation if EPL Point 5 has a Dry Gas Scrubber installed
- b) By no later than 31 December 2022 - Scrubbers must be installed at all operating stacks.

Old condition:

If the potential retirement of Plant 1 does not occur by 31 December 2023, a scrubber will be installed at the premises by 31 December 2023.

Replaced by:

If the potential retirement of Plant 1 does not occur by 31 December 2022, a scrubber must be installed at the premises by 31 December 2022.

Spent Limestone Peelings (SLP) - Addition Study

Old condition:

The report described in condition E2.5 must assess compliance with the limit conditions specified in conditions L3.4 and the relevant requirements of the *Protection of the Environment Operations (Clean Air) Regulation 2010*.

Replaced by:

The report described in condition E2.5 must assess compliance with the limit conditions specified in conditions L3.4 and the relevant requirements of the *Protection of the Environment Operations (Clean Air) Regulation 2021*.

Old condition:

If the results of the study listed in condition E2.4 demonstrate that the limit conditions comply with those specified in conditions L3.4 and the relevant requirements of the *Protection of the Environment Operations (Clean Air) Regulation 2010*, the licensee must provide a framework and timetable for the ongoing investigation and trial use of SLP in the production process for the EPA's review.

Replaced by:

If the results of the study listed in condition E2.4 demonstrate that the limit conditions comply with those specified in conditions L3.4 and the relevant requirements of the *Protection of the Environment Operations (Clean Air) Regulation 2021*, the licensee must provide a framework and timetable for the ongoing investigation and trial use of SLP in the production process for the EPA's review.



Environment Protection Licence

Licence - 546

Licence Details	
Number:	546
Anniversary Date:	31-October

Licensee	
THE AUSTRAL BRICK CO PTY LTD	
PO BOX 6550	
WETHERILL PARK NSW 1851	

Premises	
AUSTRAL BRICK, PLANTS 1, 2 & 3.	
738-780 WALLGROVE ROAD	
HORSLEY PARK NSW 2175	

Scheduled Activity	
Ceramic works	
Concrete works	
Crushing, grinding or separating	
Extractive activities	
Mining for minerals	

Fee Based Activity	Scale
Ceramic waste generation	> 5-100 T annual volume of waste generated or stored
Ceramics production	> 200000 T annual production capacity
Concrete works	> 50000 m3 annual production capacity
Crushing, grinding or separating	> 500000-2000000 T annual processing capacity
Land-based extractive activity	> 500000-2000000 T annual capacity to extract, process or store
Mining for minerals	> 500000-2000000 T annual production capacity



Environment Protection Licence

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Contact Us
NSW EPA
4 Parramatta Square
12 Darcy Street
PARRAMATTA NSW 2150
Phone: 131 555
Email: info@epa.nsw.gov.au
Locked Bag 5022
PARRAMATTA NSW 2124



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Information about this licence

Dictionary

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

Responsibilities of licensee

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

Variation of licence conditions

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

Duration of licence

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

Licence review

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

- an administrative fee; and
- a load-based fee (if applicable).



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The EPA publication “A Guide to Licensing” contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

Usually the licence fee period is the same as the reporting period.

Transfer of licence

The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

Public register and access to monitoring data

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

This licence is issued to:

THE AUSTRAL BRICK CO PTY LTD
PO BOX 6550
WETHERILL PARK NSW 1851

subject to the conditions which follow.



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1 Administrative Conditions

A1 What the licence authorises and regulates

A1.1 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
Ceramic works	Ceramic waste generation	> 5 - 100 T annual volume of waste generated or stored
Ceramic works	Ceramics production	> 200000 T annual production capacity
Concrete works	Concrete works	> 50000 m3 annual production capacity
Crushing, grinding or separating	Crushing, grinding or separating	> 500000 - 2000000 T annual processing capacity
Extractive activities	Land-based extractive activity	> 500000 - 2000000 T annual capacity to extract, process or store
Mining for minerals	Mining for minerals	> 500000 - 2000000 T annual production capacity

A2 Premises or plant to which this licence applies

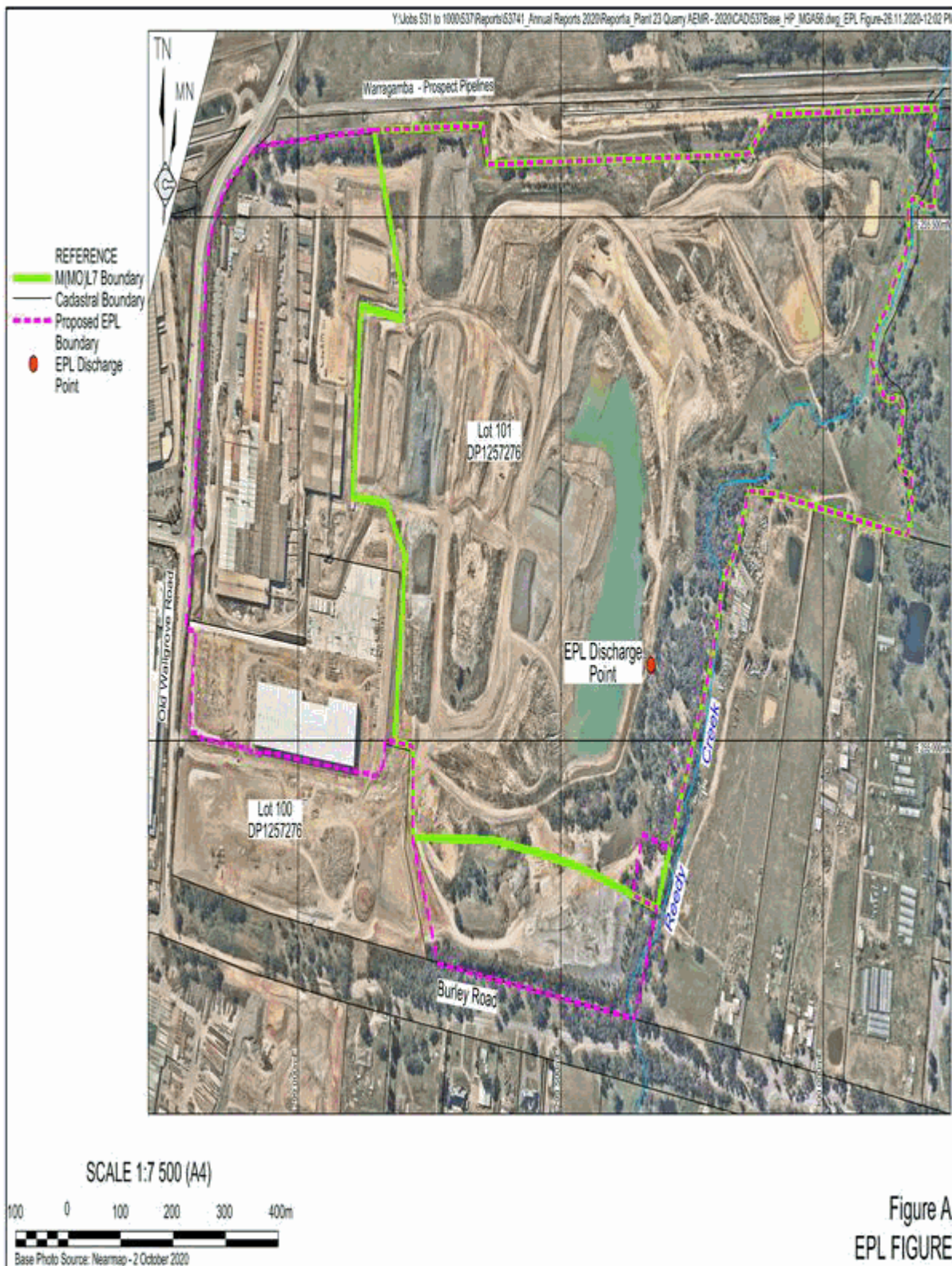
A2.1 The licence applies to the following premises:

Premises Details
AUSTRAL BRICK, PLANTS 1, 2 & 3.
738-780 WALLGROVE ROAD
HORSLEY PARK
NSW 2175
LOT 4 DP 235478, LOT 7 DP 1059698, PART LOT 100 DP 1257276, LOT 101 DP 1257276

A2.2 The premises location is shown on the map below.

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A2.3 The map of the licensed premises in Condition A2.2 does not include Lot 4 DP235478 or Lot 7 DP 1059698. The map in Condition A2.2 is included in the licence for the purpose of outlining the section of Lot 100 DP 1257276 included in the licensed premises.

A2.4 The licensee is not permitted to store any classified waste material beyond the amounts approved by the development consent (DA 320/2013) granted under the *Environment Planning and Assessment Act 1979*

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for the premises specified in Condition A2.1. This includes:

738 - 780 Wallgrove Road, Horsley Park

- maximum of 5,000 tonnes of classified waste material shall be processed per annum.
- maximum of 600 tonnes of classified waste material shall be stored on the site at any one time.

224 - 398 Burley Road, Horsley Park

- maximum of 25,000 tonnes of classified waste material shall be processed per annum.
- maximum of 600 tonnes of classified waste material shall be stored on the site at any one time.

Note: classified waste is defined in condition A3.1.

A2.5 Notwithstanding Condition A1.1, the following limits restrict the productive capacity of the masonry manufacturing facility authorised by this licence and approved by the development consent reference DA 93.1/2019 granted under the Environmental Planning and Assessment Act 1979 for the premises specified in Condition A2:

- the production capacity of the masonry manufacturing facility must not exceed 220,000 tonnes per annum;
- a maximum of 900 tonnes of raw material can be received and unloaded at the premises in any one calendar day;
- a maximum of 208,000 tonnes of raw material can be received and unloaded at the premises per year;
- a maximum of 90 tonnes of raw material can be processed through the crushing plant in any calendar day;
- a maximum of 22,000 tonnes of raw material can be processed through the crushing plant per year.

Note: These processing rates may be revised if the proponent can demonstrate, through a revised air impact assessment, that the approved activity can achieve ground level concentrations below the criterion as published in the *Approved Methods for the Modelling and Assessment for Air Pollutants in NSW* (2016).

A3 Other activities

A3.1 List of Terms and Acronyms:

Term/Acronym	Definition
Classified Waste	Waste that has been pre-classified as either hazardous, restricted solid, general solid waste (putrescible) or general solid waste (non-putrescible) in the waste classification definition section of Schedule 1 of the Protection of the Environment Operations Act 1997
LFG	Land Fill Gas approved as an alternative fuel for combustion under EPL 564 Licence Variation Notice no. 1524264
NSW Noise Policy for Industry	The document entitled "Noise Policy for Industry" published by the NSW Environment Protection Authority in October 2017
Noise	"Sound pressure levels" for the purposes of Conditions L6.1 - L6.7

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Noise sensitive
locations

Includes buildings used as a residence, hospital, school, child care centre, place of public worship and nursing homes. A noise sensitive location includes the land within 30 metres of the building. Noise sensitive locations also means locations sensitive to vibration.

A4 Information supplied to the EPA

A4.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

In this condition the reference to "the licence application" includes a reference to:

- a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
- b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

A4.2 Except as expressly provided by this Environment Protection Licence, works and activities must be carried out in accordance with the proposal contained in:

- the development application DA 93.1/2019 submitted to Fairfield City Council;
- the environmental impact statement Oakdale East Estate, ref. P985, dated March 2019 relating to the development; and
- all additional documents supplied to the EPA in relation to the development, including the:
 - Detailed Site Investigation (Contamination), ref. R.002.Revo, dated 14 December 2018
 - Noise Impact Assessment ref. 191015_Rep_Rev 4, dated 29 May 2019
 - Air Quality Impact Assessment ref. OCT18180.3, dated 3 July 2019
 - Waste Management Plan ref. LG1856.01 WMP 11-03-19, dated 11 March 2019
 - Hazard and Risk (SEPP 33) Assessment ref. 181156_NIA_Rev4, dated March 2019.

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

P1.1 The following points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.

<i>Air</i>			
EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
4	Discharge to air; Air emissions monitoring	Discharge to air; Air emissions monitoring	Plant 1 - Stack for Kiln Number 1 - As per map 4Pillars Environmental Consulting Dated 31/3/2020. EPA Ref (DOC21/467241-2)

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5	Discharge to air; Air emissions monitoring	Discharge to air; Air emissions monitoring	Plant 2 - Stack for Kiln Number 5 - As per map 4Pillars Environmental Consulting Dated 31/3/2020. EPA Ref (DOC21/467241-2)
6	Discharge to air; Air emissions monitoring	Discharge to air; Air emissions monitoring	Plant 3 - Stack for Kiln number 6 - Swindell kiln - As per map 4Pillars Environmental Consulting Dated 31/3/2020. EPA Ref (DOC21/467241-1)
7	Discharge to air; Air emissions monitoring	Discharge to air; Air emissions monitoring	Plant 3 - Stack for Kiln number 7 - Ceric kiln - As per map 4Pillars Environmental Consulting Dated 31/3/2020. EPA Ref (DOC21/467241-1)
10	Discharge to air; Air emissions monitoring	Discharge to air; Air emissions monitoring	Silo vent for Masonry Plant
11	Discharge to air; Air emissions monitoring	Discharge to air; Air emissions monitoring	Gas fired boiler for Masonry Plant

P1.2 The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.

P1.3 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Discharge to waters and water quality monitoring	Discharge to waters and water quality monitoring	Overflow outlet from sediment pond at Plant 1 to Eastern Creek on the eastern side of Pit 1 - MGA coordinates advised by licensee in correspondence to EPA dated 13 March 2020 (DOC20/294924).
2	Discharge to waters and water quality monitoring	Discharge to waters and water quality monitoring	End of 200 mm diameter pipe from pump located adjacent to Plant No. 2 Pit - MGA coordinates advised by licensee in correspondence to EPA dated 13 March 2020 (DOC20/294924).
3	Discharge to waters and water quality monitoring	Discharge to waters and water quality monitoring	Outlet of 150 mm pipe that discharges from a pump located adjacent to Pit 3 - MGA coordinates advised by licensee in correspondence to EPA dated 13 March 2020 (DOC20/294924).
9	Monitoring Point		Recycled water procured from Tox Free Australia Pty Ltd Inbound water holding tank. Coordinates provided in correspondence dated 26 May 2020 (DOC20/402685-1)

P1.4 The following points referred to in the table below are identified in this licence for the purposes of weather



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and/or noise monitoring and/or setting limits for the emission of noise from the premises.

Noise/Weather

EPA identi- fication no.	Type of monitoring point	Location description
8	Meteorological Station	The meteorological station is located at grid 301443 (easting) and 6255431 (northing).

3 Limit Conditions

L1 Pollution of waters

L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.

L2 Load limits

- L2.1 The actual load of an assessable pollutant discharged from the premises during the reporting period must not exceed the load limit specified for the assessable pollutant in the table below.
- L2.2 The actual load of an assessable pollutant must be calculated in accordance with the relevant load calculation protocol.

Assessable Pollutant	Load limit (kg)
Coarse Particulates (Air)	18200.00
Fine Particulates (Air)	110200.00
Fluoride (Air)	90000.00
Nitrogen Oxides - Summer (Air)	43000.00
Nitrogen Oxides (Air)	172000.00
Sulfur Oxides (Air)	400000.00

Note: An assessable pollutant is a pollutant which affects the licence fee payable for the licence.

L3 Concentration limits

L3.1 For each monitoring/discharge point or utilisation area specified in the table\ below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.

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- L3.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.
- L3.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table\.
- L3.4 Air Concentration Limits

POINT 4,5,6

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Nitrogen Oxides	milligrams per cubic metre	2000	dry, 273K, 101.3 kPa	3% O ₂	1 hour or minimum duration in the test method
Sulfuric acid mist and sulfur trioxide (as SO ₃)	milligrams per cubic metre	100	dry, 273K, 101.3 kPa	3% O ₂	1 hour or minimum duration in the test method
Sulfur dioxide	milligrams per cubic metre	400	dry, 273K, 101.3 kPa	3% O ₂	1 hour or minimum duration in the test method
Hydrogen fluoride	milligrams per cubic metre	50	dry, 273K, 101.3 kPa	3% O ₂	1 hour or minimum duration in the test method

POINT 7

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Hydrogen fluoride	milligrams per cubic metre	30	dry, 273K, 101.3 kPa	3% O ₂	1 hour or minimum duration in the test method
Solid Particles	milligrams per cubic metre	75	dry, 273K, 101.3 kPa	3% O ₂	1 hour or minimum duration in the test method
Nitrogen Oxides	milligrams per cubic metre	120	dry, 273K, 101.3 kPa	3% O ₂	1 hour or minimum duration in the test method
Sulfuric acid mist and sulfur trioxide (as SO ₃)	milligrams per cubic metre	80	dry, 273K, 101.3 kPa	3% O ₂	1 hour or minimum duration in the test method

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Hydrogen chloride	milligrams per cubic metre	100	dry, 273K, 101.3 kPa	3% O ₂	1 hour or minimum duration in the test method
Sulfur dioxide	milligrams per cubic metre	240	dry, 273K, 101.3 kPa		1 hour or minimum duration in the test method

POINT 10

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Type 1 and Type 2 substances in aggregate	milligrams per cubic metre	1	dry, 273K, 101.3 kPa	NA	1 hour
Total suspended particles	milligrams per cubic metre	10	dry, 273K, 101.3 kPa	NA	1 hour

POINT 11

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Nitrogen Oxides	milligrams per cubic metre	TBD	dry, 273K, 101.3 kPa	3% O ₂	1 hour

L3.5 Water and/or Land Concentration Limits

POINT 1

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Oil and Grease	milligrams per litre	-	-	-	10
pH	pH				6.5-8.5
Total suspended solids	milligrams per litre	-	-	-	50
Turbidity	nephelometric turbidity units	-	-	-	150

POINT 2

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
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Oil and Grease	milligrams per litre	-	-	-	10
pH	pH				6.5-8.5
Total suspended solids	milligrams per litre	-	-	-	50
Turbidity	nephelometric turbidity units	-	-	-	150

POINT 3

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Oil and Grease	milligrams per litre	-	-	-	10
pH	pH				6.5-8.5
Total suspended solids	milligrams per litre	-	-	-	50
Turbidity	nephelometric turbidity units	-	-	-	150

POINT 9

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Ammonia	milligrams per litre				32
Arsenic	milligrams per litre				1
Cadmium	milligrams per litre				1
Chemical oxygen demand	parts per million				1500
Chlorine	milligrams per litre				50
Chromium	milligrams per litre				3
Conductivity	microsiemens per centimetre				5000

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Copper	milligrams per litre	5
Iron	milligrams per litre	1
Lead	milligrams per litre	2
Manganese	milligrams per litre	5
Mercury	milligrams per litre	0.03
Nickel	milligrams per litre	1
Oil and Grease	milligrams per litre	25
pH	-	6.5-9
Phosphorus	milligrams per litre	10
Polycyclic aromatic hydrocarbons	milligrams per litre	8
Total petroleum hydrocarbons	milligrams per litre	5
TPH C6-C9 Fraction	milligrams per litre	5

L4 Volume and mass limits

- L4.1 For each discharge point or utilisation area specified below (by a point number), the volume/mass of:
- a) liquids discharged to water; or;
 - b) solids or liquids applied to the area;
- must not exceed the volume/mass limit specified for that discharge point or area.

Point	Unit of Measure	Volume/Mass Limit
1	kilolitres per day	22000
2	kilolitres per day	20000
3	kilolitres per day	34000

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L5 Waste

L5.1 The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled "Description" in the table below.

Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled "Activity" in the table below.

Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled "Other Limits" in the table below.

This condition does not limit any other conditions in this licence.

Code	Waste	Description	Activity	Other Limits
NA	General or Specific exempted waste	Waste that meets all the conditions of a resource recovery exemption under Clause 91 and 92 of the Protection of the Environment Operations (Waste) Regulation 2014	As specified in each particular resource recovery exemption	NA
NA	Waste	Any waste received on site that is below licensing thresholds in Schedule 1 of the POEO Act, as in force from time to time	-	NA

L6 Noise limits

L6.1 The following noise limits, presented in the table below apply to the operation of the masonry manufacturing facility located at Lot 20 DP 1246626 and approved by the development consent reference DA 93.1/2019 granted under the *Environmental Planning and Assessment Act 1979*:

Location	Day LAeq, 15 min - dB(A)	Evening LAeq, 15 min - dB(A)	Night LAeq, 15 min - dB(A)
R1 321-325 Burley Rd, Horsley Park (Lot 70 DP 8830389)	41	41	38
R2 251-255 Burley Rd, Horsley Park (Lot 22 DP 1050695)	41	41	38
R4 198-222 Burley Rd, Horsley Park (Lot 237 DP13905)	41	41	38
R6 146 Burley Rd, Horsley Park (Lot 2404 DP 1090132)	41	41	38

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R7 353-371 Delaware Rd, Horsley Park (Lot 231B DP 17288)	41	41	38
R10 17 Roberts Rd, Eastern Creek (Lot 2 DP 1159804)	68	68 When-in-Use	68 When-in-Use
R11 10 Roberts Rd, Eastern Creek (Lot 553 DP 1110447)	68	68 When-in-Use	68 When-in-Use
R12 200 Old Wallgrove Rd, Eastern Creek (Lot 22 DP 1246626)	68	68 When-in-Use	68 When-in-Use
R13 2 Milner Avenue, Oakdale Industrial Estate, Horsley Park (Lot 1 DP 1237058)	68	68 When-in-Use	68 When-in-Use
R14 1 Milner Avenue, Oakdale Industrial Estate, Horsley Park (Lot 3 DP 1237058)	68	68 When-in-Use	68 When-in-Use
R15 327 Burley Rd, Horsley Park (Lot 2 DP 1228114)	68	68 When-in-Use	68 When-in-Use

- L6.2 Notwithstanding the noise limits authorised under Condition L6.1, noise from all other activities carried out on the premises must not exceed:
- an LA10 (15 minute) noise emission criterion of 50 dB(A) (7 am to 10 pm) Monday to Saturday and 8 am to 10 pm on Sundays and Public Holidays; and
 - at all other times, an LA10 (15 minute) noise emission criterion of 40 dB(A), except as expressly provided by this licence.

- L6.3 For Conditions L6.1 and L6.2:

- Day is defined as the period from 7 am to 6 pm Monday to Saturday and 8 am to 6 pm Sunday and public holidays
- Evening is defined as the period from 6 pm to 10 pm all days
- Night is defined as the period from 10 pm to 7 am Monday to Saturday and 10 pm to 8 am Sunday and public holidays

- L6.4 The noise limits set out in Conditions L6.1 and L6.2 apply under all meteorological conditions, including inversion meteorological conditions determined by the recommended meteorological station.

- L6.5 For the purposes of determining compliance with Condition L6.4:

- data recorded by the meteorological station identified as EPA Identification Point 8 must be used to determine meteorological conditions; and
- temperature inversion conditions (stability category) are to be determined by the sigma-theta method referred to in Fact Sheet D - Accounting for Noise-Enhancing Weather Conditions in the *NSW Noise Policy for Industry* (2017).

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L6.6 To determine compliance:

a. with the LAeq(15 minute) noise limits in Condition L6.1 and L6.2, the noise measurement equipment must be located:

- approximately on the property boundary where any dwelling is situated 30 metres or less from the property boundary closest to the premises; or
- within 30 metres of a dwelling façade, but not closer than 3 metres, where any dwelling on the property is situated more than 30 metres from the property boundary closest to the premises; or, where applicable
- within approximately 50 metres of the boundary of a National Park or a Nature Reserve.

b. with the noise limits described in Conditions L6.1 and L6.2 will still occur where noise generated from the premises exceeds the appropriate limit as measured:

- at the most affected point at a location where there is no dwelling at the location; or
- at the most affected point within an area at a location prescribed by Condition L6.6(a).

L6.7 A non-compliance of Conditions L6.1 and L6.2 will still occur where noise generated from the premises exceeds the appropriate limit as measured:

- at a location other than an area prescribed by conditions L6.6(a); and/or
- at a point other than the most affected point at a location.

L6.8 For the purposes of determining the noise generated at the premises, the modification factors in Fact Sheet C - Corrections for Annoying Noise Characteristics of the *NSW Noise Policy for Industry (2017)* must be applied, as appropriate, to the noise levels measured by the noise monitoring equipment.

L7 Air emission limits

L7.1 Concentration limit for Nitrogen Oxides , for the Gas Fired Boiler (EPA Point 11), is to be informed by post commission emission monitoring as requested.

L8 Potentially offensive odour

L8.1 No condition in this licence identifies a potentially offensive odour for the purposes of section 129 of the Protection of the Environment Operations Act 1997.

Note: Section 129 of the Protection of the Environment Operations Act 1997 provides that the licensee must not cause or permit the emission of any offensive odour from the premises but provides a defence if the emission is identified in the relevant environment protection licence as a potentially offensive odour and the odour was emitted in accordance with the conditions of a licence directed at minimising odour.

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4 Operating Conditions

O1 Activities must be carried out in a competent manner

O1.1 Licensed activities must be carried out in a competent manner.

This includes:

- a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
- b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

O2 Maintenance of plant and equipment

O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:

- a) must be maintained in a proper and efficient condition; and
- b) must be operated in a proper and efficient manner.

O3 Dust

O3.1 The premises must be maintained in a condition which minimises or prevents the emission of air impurities, including dust from the premises.

O3.2 Activities conducted on the premises must be undertaken in a manner that avoids or minimises the emission of air impurities, including dust.

O3.3 The licensee must prepare and implement an Air Quality Management Plan (AQMP) for the Masonry Manufacturing Facility. The AQMP must be implemented within 3 months of commencing operations at the Masonry Manufacturing Facility. The AQMP must set out the measures used to minimise air emissions from the premises and must include, as a minimum:

- 1. key performance indicators; including any human health-based thresholds for ambient air exposure.
- 2. measures to manage dust from all sources. Control measures should focus on (but not be limited to) managing dust from the receiving, handling and processing materials, managing dust from stockpiles and hardstand area
- 3. monitoring methods including location, frequency and duration
- 4. response mechanisms
- 5. reactive triggers
- 6. responsibilities for demonstrating and reporting achievement of key performance indicators
- 7. record keeping
- 8. complaint handling protocol
- 9. compliance reporting

O4 Effluent application to land

O4.1 The quantity of effluent/solids applied to the utilisation area must not exceed the capacity of the area to

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effectively utilise the effluent/solids.

For the purpose of this condition, 'effectively utilise' includes the use of the effluent/solids for pasture or crop production, as well as the ability of the soil to absorb the nutrient, salt, hydraulic load and organic material.

- O4.2 Effluent application to the utilisation area(s) must not occur in a manner that causes surface run-off from the utilisation area(s).
- O4.3 Spray from effluent application to the utilisation area(s) must not drift beyond the boundary of the utilisation area(s) to which it has been applied.
- O4.4 The licensee must retain the utilisation area.
- O4.5 At least 14 days prior to a utilisation area being offered for sale, being disposed of or otherwise rendered unavailable for use, the EPA must be advised in writing of this intention.
- O4.6 Public access to any effluent utilisation area must be denied during effluent application and until the effluent application area has dried.
- O4.7 Adequate notices warning the public not to drink or otherwise use the treated effluent must be erected on the site. These notices must be in legible English and in any other languages as may be necessary, and must indicate at least that the water in use is "Reclaimed Water - Unfit for Drinking".

O5 Processes and management

- O5.1 The licensee must ensure that any liquid and/or non-liquid waste generated and/or stored at the premises is assessed and classified in accordance with the NSW EPA Waste Classification Guidelines as in force from time to time.
- O5.2 The licensee must ensure that waste identified for recycling is stored separately from other waste.
- O5.3 Classified waste material must be stored wholly within the existing buildings at all times.

O6 Other operating conditions

Use of Recycled Water

- O6.1 The licensee must monitor the concentration of each parameter as specified in Condition L3.5 for recycled water (by sampling and obtaining results by analysis) received to demonstrate compliance with the concentration limits specified.

5 Monitoring and Recording Conditions

M1 Monitoring records

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- M1.1** The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.
- M1.2** All records required to be kept by this licence must be:
- a) in a legible form, or in a form that can readily be reduced to a legible form;
 - b) kept for at least 4 years after the monitoring or event to which they relate took place; and
 - c) produced in a legible form to any authorised officer of the EPA who asks to see them.
- M1.3** The following records must be kept in respect of any samples required to be collected for the purposes of this licence:
- a) the date(s) on which the sample was taken;
 - b) the time(s) at which the sample was collected;
 - c) the point at which the sample was taken; and
 - d) the name of the person who collected the sample.

M2 Requirement to monitor concentration of pollutants discharged

- M2.1** For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:

M2.2 Air Monitoring Requirements

POINT 4,7

Pollutant	Units of measure	Frequency	Sampling Method
Cadmium	milligrams per cubic metre	Special Frequency 1	TM-12, TM-13 & TM-14
Dry gas density	kilograms per cubic metre	Special Frequency 1	TM-23
Fluorine	milligrams per cubic metre	Special Frequency 1	TM-9
Hydrogen chloride	milligrams per cubic metre	Special Frequency 1	TM-8
Hydrogen fluoride	milligrams per cubic metre	Special Frequency 1	TM-9
Hydrogen Sulfide	milligrams per cubic metre	Special Frequency 1	TM-5
Mercury	milligrams per cubic metre	Special Frequency 1	TM-12, TM-13 & TM-14
Moisture	percent	Special Frequency 1	TM-22
Molecular weight of stack gases	grams per gram mole	Special Frequency 1	TM-23
Nitrogen Oxides	milligrams per cubic metre	Special Frequency 1	TM-11
Oxygen (O ₂)	percent	Special Frequency 1	TM-25
Sulfur dioxide	milligrams per cubic metre	Special Frequency 1	TM-4
Sulfuric acid mist and sulfur trioxide (as SO ₃)	milligrams per cubic metre	Special Frequency 1	TM-3
Temperature	Celsius	Special Frequency 1	TM-2

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Total Solid Particles	milligrams per cubic metre	Special Frequency 1	TM-15
Type 1 substance	milligrams per cubic metre	Special Frequency 1	TM-12, TM-13 & TM-14
Type 2 substance	milligrams per cubic metre	Special Frequency 1	TM-12, TM-13 & TM-14
Velocity	metres per second	Special Frequency 1	TM-2
volatile organic compounds as n-propane equivalent	milligrams per cubic metre	Special Frequency 1	TM-34
Volumetric flowrate	cubic metres per second	Special Frequency 1	TM-2

POINT 5,6

Pollutant	Units of measure	Frequency	Sampling Method
Hydrogen fluoride	milligrams per cubic metre	Yearly	TM-9
Total Solid Particles	milligrams per cubic metre	Yearly	TM-15

POINT 5,6,11

Pollutant	Units of measure	Frequency	Sampling Method
Nitrogen Oxides	milligrams per cubic metre	Yearly	TM-11

POINT 10

Pollutant	Units of measure	Frequency	Sampling Method
Solid Particles	milligrams per cubic metre	Yearly	TM-15
Type 1 and Type 2 substances in aggregate	milligrams per cubic metre	Yearly	TM-12, TM-13 & TM-14

POINT 10,11

Pollutant	Units of measure	Frequency	Sampling Method
Temperature	degrees Celsius	Yearly	TM-2
Velocity	metres per second	Yearly	TM-2

M2.3 Water and/ or Land Monitoring Requirements

POINT 1

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	microsiemens per centimetre	Daily during any discharge	Grab sample

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Oil and Grease	milligrams per litre	Daily during any discharge	Grab sample
pH	pH	Daily during any discharge	Grab sample
Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample
Turbidity	nephelometric turbidity units	Daily during any discharge	Grab sample

POINT 2

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	microsiemens per centimetre	Daily during any discharge	Grab sample
Oil and Grease	milligrams per litre	Daily during any discharge	Grab sample
pH	pH	Daily during any discharge	Grab sample
Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample
Turbidity	nephelometric turbidity units	Daily during any discharge	Grab sample

POINT 3

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	microsiemens per centimetre	Daily during any discharge	Grab sample
Oil and Grease	milligrams per litre	Daily during any discharge	Grab sample
pH	pH	Daily during any discharge	Grab sample
Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample
Turbidity	nephelometric turbidity units	Daily during any discharge	Grab sample

POINT 9

Pollutant	Units of measure	Frequency	Sampling Method
Ammonia	milligrams per litre	Every 6 months	Grab sample
Arsenic	milligrams per litre	Every 6 months	Grab sample
Cadmium	milligrams per litre	Every 6 months	Grab sample
Chemical oxygen demand	parts per million	Every 6 months	Grab sample
Chlorine	milligrams per litre	Every 6 months	Grab sample
Chromium	milligrams per litre	Every 6 months	Grab sample
Conductivity	microsiemens per centimetre	Every 6 months	Grab sample
Copper	milligrams per litre	Every 6 months	Grab sample
Iron	milligrams per litre	Every 6 months	Grab sample

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Lead	milligrams per litre	Every 6 months	Grab sample
Manganese	milligrams per litre	Every 6 months	Grab sample
Mercury	milligrams per litre	Every 6 months	Grab sample
Nickel	milligrams per litre	Every 6 months	Grab sample
Oil and Grease	milligrams per litre	Every 6 months	Grab sample
pH	-	Every 6 months	Grab sample
Phosphorus	milligrams per litre	Every 6 months	Grab sample
Polycyclic aromatic hydrocarbons	milligrams per litre	Every 6 months	Grab sample
Total petroleum hydrocarbons	milligrams per litre	Every 6 months	Grab sample
TPH C6-C9 Fraction	milligrams per litre	Every 6 months	Grab sample

Note: Special Frequency 1 requires the licensee to sample at a frequency of 6 times a year in the event that Land Fill Gas is being used as a source of fuel in the brick kilns. If the licensee is not utilising Land Fill Gas as a source of fuel, sampling at M2.2 is to occur yearly within the annual return reporting period.

M2.4 For Points 4 and 7, sampling must be undertaken during combustion of LFG (if in use)

M3 Testing methods - concentration limits

M3.1 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:

- any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
- if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or
- if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

M3.2 Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

Note: The *Protection of the Environment Operations (Clean Air) Regulation 2021* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

M4 Testing methods - load limits

Note: Division 3 of the *Protection of the Environment Operations (General) Regulation 2021* requires that monitoring of actual loads of assessable pollutants listed in L2.2 must be carried out in accordance with the relevant load calculation protocol set out for the fee-based activity classification listed in the Administrative Conditions of this licence.

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M5 Weather monitoring

- M5.1 At the point(s) identified below, the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1 of the table below, using the corresponding sampling method, units of measure, averaging period and sampling frequency, specified opposite in the Columns 2, 3, 4 and 5 respectively.

POINT 8

Parameter	Sampling method	Units of measure	Averaging period	Frequency
Sigma Theta	AM-2 & AM-4	Degrees	10 minutes	Continuous
Rainfall	AM-4	millimetres per hour	1 hour	Continuous
Temperature at 2 metres	AM-4	degrees Celsius	10 minutes	Continuous
Temperature at 10 metres	AM-4	degrees Celsius	10 minutes	Continuous
Total Solar Radiation	AM-4	Watts per square metre	10 minutes	Continuous
Wind Direction at 10 metres	AM-2 & AM-4	Degrees	10 minutes	Continuous
Wind Speed at 10 metres	AM-2 & AM-4	metres per second	10 minutes	Continuous

M6 Recording of pollution complaints

- M6.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.
- M6.2 The record must include details of the following:
- a) the date and time of the complaint;
 - b) the method by which the complaint was made;
 - c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
 - d) the nature of the complaint;
 - e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
 - f) if no action was taken by the licensee, the reasons why no action was taken.
- M6.3 The record of a complaint must be kept for at least 4 years after the complaint was made.
- M6.4 The record must be produced to any authorised officer of the EPA who asks to see them.

M7 Telephone complaints line

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- M7.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.
- M7.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.
- M7.3 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.

M8 Requirement to monitor volume or mass

- M8.1 For each discharge point or utilisation area specified below, the licensee must monitor:
- the volume of liquids discharged to water or applied to the area;
 - the mass of solids applied to the area;
 - the mass of pollutants emitted to the air;
- at the frequency and using the method and units of measure, specified below.

POINT 1

Frequency	Unit of Measure	Sampling Method
Daily during any discharge	kilolitres	By Calculation (volume flow rate or pump capacity multiplied by operating time)

POINT 2

Frequency	Unit of Measure	Sampling Method
Daily during any discharge	kilolitres	By Calculation (volume flow rate or pump capacity multiplied by operating time)

POINT 3

Frequency	Unit of Measure	Sampling Method
Daily during any discharge	kilolitres	By Calculation (volume flow rate or pump capacity multiplied by operating time)

- M8.2 The licensee must monitor and record the total volume of recycled water, at EPL Point 9 during the annual return reporting period.

M9 Other monitoring and recording conditions

- M9.1 To assess compliance with Condition L6.1 and L6.2, attended noise monitoring must be conducted in accordance with conditions L6.6 and:
- at R1, R2, R4, R6, R7 and R10 as listed in Condition L6.1;
 - occur at the time of commencement of typical production activity;
 - occur during the day/evening and shoulder period for typical production activity.

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6 Reporting Conditions

R1 Annual return documents

R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:

1. a Statement of Compliance,
2. a Monitoring and Complaints Summary,
3. a Statement of Compliance - Licence Conditions,
4. a Statement of Compliance - Load based Fee,
5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and
7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee notification that the Annual Return is due.

R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.

R1.3 Where this licence is transferred from the licensee to a new licensee:

- a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
- b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:

- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
- b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.

R1.5 The Annual Return for the reporting period must be supplied to the EPA via eConnect *EPA* or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').

R1.6 Where the licensee is unable to complete a part of the Annual Return by the due date because the licensee was unable to calculate the actual load of a pollutant due to circumstances beyond the licensee's control, the licensee must notify the EPA in writing as soon as practicable, and in any event not later than the due date. The notification must specify:

- a) the assessable pollutants for which the actual load could not be calculated; and
- b) the relevant circumstances that were beyond the control of the licensee.

R1.7 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.

R1.8 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:

- a) the licence holder; or

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b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

Note: An application to transfer a licence must be made in the approved form for this purpose.

R2 Notification of environmental harm

R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.

R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which they became aware of the incident.

Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.

R3 Written report

R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:

- a) where this licence applies to premises, an event has occurred at the premises; or
 - b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence,
- and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.

R3.2 The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.

R3.3 The request may require a report which includes any or all of the following information:

- a) the cause, time and duration of the event;
- b) the type, volume and concentration of every pollutant discharged as a result of the event;
- c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
- d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
- e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
- f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
- g) any other relevant matters.

R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

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R4 Other reporting conditions

R4.1 A noise compliance assessment report must be submitted to the EPA within 30 days of the commencement of typical production operations. The assessment must be prepared by a suitably qualified and experienced acoustical consultant and include:

- a. an assessment of compliance with noise limits presented in Condition L6.1 as defined in M9.1 (a); and
- b. an outline of any management actions taken within the monitoring period to address any exceedances of the limits contained in Conditions L6.1 and L6.2.

7 General Conditions

G1 Copy of licence kept at the premises or plant

G1.1 A copy of this licence must be kept at the premises to which the licence applies.

G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.

G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

G2 Other general conditions

G2.1 Completed Programs

Program	Description	Completed Date
Report on stormwater management and on-site effluent	Report on stormwater management and on-site effluent management.	29-November-2002
Fluoride emissions study	Submission of a report identifying fluoride emission reduction measures based on a review of past 5 years data.	28-December-2006
PRP for a trial use of wastewater in the manufacture of bricks	12 month trial on the usage of wastewater for the manufacture of bricks.	17-November-2013
Sulfur Oxide (SOx) Emissions to Air Investigation	Submission of report assessing impact of sulphur oxide emissions to determine annual load limit.	29-November-2017
Hydrogen Fluoride (HF) Emissions Reduction Project	Investigate Hydrogen Fluoride emissions from all point sources, explore options for reducing them, and develop an emissions reduction strategy to ensure compliance with stack limits and impact assessment criteria.	31-May-2018

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8 Special Conditions

E1 Scrubber Installation Program

- E1.1 The objective of this program is to provide a framework for the annual roll out of the Dry Gas Scrubber at the Horsley Park brickworks.
- E1.2 The Dry Gas Scrubber Rollout must continue until all operational kilns have end-of-pipe air emission mitigation installed.
- Note: There are four operational kilns at the licensed premises which are defined as point sources for hydrogen fluoride emissions within the licence.
- Note: The operational kilns described in condition E3.2 include Kiln 1 at Plant 1, Kiln 5 at Plant 2, and Kilns 6 and 7 at Plant 3.
- Note: Air emission mitigation may include kiln upgrades and any other improvements to the process detailed in the report provided as part of the Hydrogen Fluoride (HF) Emissions Reduction Project, completed May 2018 (EPA Ref: DOC18/353340).
- E1.3 The Dry Gas Scrubber Rollout must be completed in accordance with the following timetable:
- a) Plant 2 can only return into operation if EPL Point 5 has a Dry Gas Scrubber installed
 - b) By no later than 31 December 2022 - Scrubbers must be installed at all operating stacks.
- E1.4 If the potential retirement of Plant 1 does not occur by 31 December 2022, a scrubber must be installed at the premises by 31 December 2022.
- E1.5 Once an installed scrubber has been commissioned, the licensee must conduct a commissioning stack test which is in addition to the standard monitoring requirements in condition M2.2. The licensee must submit the results of the stack test to the EPA within two months of testing.

E2 Spent Limestone Peelings (SLP) - Addition Study

- E2.1 The objective of the Spent Limestone Peelings (SLP) study is to provide a framework around the trial addition of SLP, a by-product from the Dry Gas Scrubber, as a raw material in the manufacture of bricks at Plant 3, Horsley Park.
- E2.2 The purpose of the study is to determine the maximum dose rate of SLP within the raw material feed while maintaining compliance with the air emission limits described in condition L3.4
- E2.3 Commencing from 30 April 2020, the licensee will introduce 0.25% (w/w) SLP into the raw material feed and fire in the Ceric Kiln located at Plant 3.
- E2.4 The licensee must perform a stack test at the discharge point located at EPL point 7 while the kiln is full of product containing:

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- a) 0.25% SLP addition - Red Clay Material Production
- b) 0.25% SLP addition - Cream Clay Material Production
- c) 0.25% SLP addition - Terracotta Clay Material Production

- E2.5 Within two months after completion of the trial use of SLP as described in conditions E2.4, the licensee must submit a written report to the EPA detailing the results of post commissioning source emissions sampling and analysis undertaken in accordance with the requirements specified in condition M2.1 relating to licence discharge point 7.
- E2.6 The report described in condition E2.5 must be submitted electronically to metro.regulation@epa.nsw.gov.au and address to the Director - Regulation Metro West.
- E2.7 The report described in condition E2.5 must assess compliance with the limit conditions specified in conditions L3.4 and the relevant requirements of the *Protection of the Environment Operations (Clean Air) Regulation 2021*.
- E2.8 If the results of condition E2.5 indicate that emissions do not comply with the limit conditions specified in L3.4, then no further trial will be granted and the use of SLP in the manufacture of bricks at the premises must cease immediately.
- E2.9 If the results of the study listed in condition E2.4 demonstrate that the limit conditions comply with those specified in conditions L3.4 and the relevant requirements of the *Protection of the Environment Operations (Clean Air) Regulation 2021*, the licensee must provide a framework and timetable for the ongoing investigation and trial use of SLP in the production process for the EPA's review.

E3 Construction and Commissioning of the Masonry Plant

- E3.1 Prior to construction, the licensee must provide a proof of performance guarantee ("the guarantee") for the dust collection system proposed to be fitted to the silo vent outlet. This guarantee must confirm the achievable control efficiency for the plant and adequately demonstrate that expected air emissions from the silo will not exceed 10 mg/m³.
- E3.2 Within three months of completing the construction of the silos, the licensee must engage a NATA certified consultant to perform post commissioning emission testing on the silo vent outlet/s to confirm the environmental performance of the installed pollution control devices. All post commissioning emission testing on the silo outlets must comply with the *Approved Methods for the Sampling and Analysis of Air Pollutants in NSW* (2007). Within 3 weeks of receiving the post commissioning emissions testing report, the proponent must provide a copy of the post commissioning emissions testing to the NSW EPA at RegOps.MetroRegulation@epa.nsw.gov.au.
- E3.3 Prior to construction, the licensee must provide the:
- a. design specifications of the boiler to be installed at the facility described in DA 93.1/2019
 - b. a performance guarantee for the boiler that demonstrates the plants ability to achieve, at a minimum, the emission performance (as emission concentrations) included in the approved air quality assessment Ref. OCT18180.3, dated 3 July 2019.
- E3.4 Within 3 months of completing the construction and commissioning of the gas fired boiler, the licensee must engage a NATA certified consultant to perform post commissioning emissions monitoring for the following air

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impurities:

- a. Nitrogen dioxide (NO₂) or Nitric oxide (NO) or both, as NO₂ equivalent
- b. Volatile organic compounds(VOCs), as n-propane
- c. Carbon monoxide

E3.5 All monitoring and reporting of emissions must be performed in accordance with the Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (2007). Within 3 weeks of receiving the post commissioning emissions testing report, the licensee must provide a copy to the NSW EPA at RegOps.MetroRegulation@epa.nsw.gov.au.

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Dictionary

General Dictionary

3DGM [in relation to a concentration limit]	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
Act	Means the Protection of the Environment Operations Act 1997
activity	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
actual load	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
AM	Together with a number, means an ambient air monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
AMG	Australian Map Grid
anniversary date	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
annual return	Is defined in R1.1
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
BOD	Means biochemical oxygen demand
CEM	Together with a number, means a continuous emission monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
COD	Means chemical oxygen demand
composite sample	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
cond.	Means conductivity
environment	Has the same meaning as in the Protection of the Environment Operations Act 1997
environment protection legislation	Has the same meaning as in the Protection of the Environment Administration Act 1991
EPA	Means Environment Protection Authority of New South Wales.
fee-based activity classification	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
general solid waste (non-putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

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flow weighted composite sample	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
general solid waste (putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
grab sample	Means a single sample taken at a point at a single time
hazardous waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
licensee	Means the licence holder described at the front of this licence
load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
local authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
material harm	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
MBAS	Means methylene blue active substances
Minister	Means the Minister administering the Protection of the Environment Operations Act 1997
mobile plant	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
motor vehicle	Has the same meaning as in the Protection of the Environment Operations Act 1997
O&G	Means oil and grease
percentile [in relation to a concentration limit of a sample]	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
plant	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
pollution of waters [or water pollution]	Has the same meaning as in the Protection of the Environment Operations Act 1997
premises	Means the premises described in condition A2.1
public authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
regional office	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
reporting period	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
restricted solid waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
scheduled activity	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
special waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
TM	Together with a number, means a test method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .



Environment Protection Licence

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TSP	Means total suspended particles
TSS	Means total suspended solids
Type 1 substance	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
Type 2 substance	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
utilisation area	Means any area shown as a utilisation area on a map submitted with the application for this licence
waste	Has the same meaning as in the Protection of the Environment Operations Act 1997
waste type	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non - putrescible), special waste or hazardous waste

Mr Tim Gilbert

Environment Protection Authority

(By Delegation)

Date of this edition: 10-March-2000

Environment Protection Licence

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End Notes

- 1 Licence varied by notice 1007259, issued on 05-Jul-2002, which came into effect on 30-Jul-2002.
- 2 Licence varied by notice 1035393, issued on 07-Apr-2004, which came into effect on 02-May-2004.
- 3 Licence varied by notice 1036813, issued on 31-May-2004, which came into effect on 25-Jun-2004.
- 4 Licence varied by notice 1047092, issued on 28-Apr-2005, which came into effect on 23-May-2005.
- 5 Licence varied by notice 1050547, issued on 02-Sep-2005, which came into effect on 27-Sep-2005.
- 6 Licence varied by notice 1057502, issued on 17-Aug-2006, which came into effect on 17-Aug-2006.
- 7 Licence varied by notice 1073917, issued on 19-Jul-2007, which came into effect on 19-Jul-2007.
- 8 Licence varied by change to legislation, issued on 25-Jul-2007, which came into effect on 25-Jul-2007.
- 9 Licence varied by notice 1079903, issued on 19-Nov-2007, which came into effect on 19-Nov-2007.
- 10 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 11 Licence varied by change to FBA for summer pollutants, issued on 15-Jan-2009, which came into effect on 15-Jan-2009.
- 12 Licence varied by notice 1103926, issued on 13-Oct-2009, which came into effect on 13-Oct-2009.
- 13 Licence varied by notice 1127114, issued on 06-Jun-2011, which came into effect on 06-Jun-2011.
- 14 Licence varied by notice 1506056 issued on 16-May-2012
- 15 Licence varied by notice 1513128 issued on 09-Apr-2013
- 16 Licence varied by notice 1516757 issued on 09-Sep-2013
- 17 Licence varied by notice 1520355 issued on 14-Mar-2014
- 18 Licence varied by notice 1521153 issued on 11-Apr-2014
- 19 Licence format updated on 13-Aug-2014
- 20 Licence varied by notice 1524264 issued on 21-Aug-2014
- 21 Licence varied by notice 1529351 issued on 19-Jan-2016



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22	Licence varied by notice	1539038 issued on 12-Apr-2016
23	Licence varied by notice	1544768 issued on 13-Sep-2016
24	Licence varied by notice	1547647 issued on 22-Dec-2016
25	Licence varied by notice	1556111 issued on 29-Aug-2017
26	Licence varied by notice	1560591 issued on 16-Feb-2018
27	Licence varied by notice	1570879 issued on 25-Feb-2019
28	Licence varied by notice	1595281 issued on 09-Jun-2020
29	Licence varied by notice	1602502 issued on 09-Dec-2020
30	Licence varied by notice	1604081 issued on 18-Dec-2020
31	Licence varied by notice	1607671 issued on 11-May-2021



Environment Protection Licence

Licence - 123

<u>Licence Details</u>	
Number:	123
Anniversary Date:	31-August

<u>Licensee</u>
PGH BRICKS & PAVERS PTY LIMITED
LOCKED BAG 1345
NORTH RYDE NSW 1670

<u>Premises</u>
327 BURLEY ROAD
HORSLEY PARK NSW 2175

<u>Scheduled Activity</u>
Ceramic works
Crushing, grinding or separating
Extractive activities
Mining for minerals

<u>Fee Based Activity</u>	<u>Scale</u>
Ceramic waste generation	> 5-100 T annual volume of waste generated or stored
Ceramics production	> 50000-200000 T annual production capacity
Crushing, grinding or separating	> 30000-100000 T annual processing capacity
Land-based extractive activity	> 100000-500000 T annual capacity to extract, process or store
Mining for minerals	0-30000 T annual production capacity

<u>Region</u>
Metropolitan - Sydney Industry
Level 13, 10 Valentine Ave
PARRAMATTA NSW 2150
Phone: (02) 9995 5000
Fax: (02) 9995 6900
PO Box 668
PARRAMATTA NSW 2124



Environment Protection Licence

Licence - 123

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Environment Protection Licence

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Information about this licence

Dictionary

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

Responsibilities of licensee

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

Variation of licence conditions

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

Duration of licence

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

Licence review

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

- an administrative fee; and
- a load-based fee (if applicable).

Environment Protection Licence

Licence - 123



The EPA publication “A Guide to Licensing” contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

Usually the licence fee period is the same as the reporting period.

Transfer of licence

The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

Public register and access to monitoring data

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

This licence is issued to:

PGH BRICKS & PAVERS PTY LIMITED
LOCKED BAG 1345
NORTH RYDE NSW 1670

subject to the conditions which follow.



Environment Protection Licence

Licence - 123

1 Administrative Conditions

A1 What the licence authorises and regulates

A1.1 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
Ceramic works	Ceramic waste generation	> 5 - 100 T annual volume of waste generated or stored
Ceramic works	Ceramics production	> 50000 - 200000 T annual production capacity
Crushing, grinding or separating	Crushing, grinding or separating	> 30000 - 100000 T annual processing capacity
Extractive activities	Land-based extractive activity	> 100000 - 500000 T annual capacity to extract, process or store
Mining for minerals	Mining for minerals	0 - 30000 T annual production capacity

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
327 BURLEY ROAD
HORSLEY PARK
NSW 2175
LOT 2 DP 1228114

A3 Other activities

A3.1 This licence applies to all other activities carried on at the premises, including:

Ancillary Activity

Environment Protection Licence

Licence - 123

LANDFILL REHABILITATION INCLUDING INVESTIGATION, IDENTIFICATION AND MANAGEMENT OF POSSIBLE POLLUTION

A4 Information supplied to the EPA

- A4.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

In this condition the reference to "the licence application" includes a reference to:

- a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
- b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

- P1.1 The following points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.

<i>Air</i>			
EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Surface gas monitoring		Less than 51 mm from the surface of the landfill - wind speed less than 2.8 m/s in a grid of 35m x 35m (24 points) and in a 25 m wide zone around the perimeter of the landfilled area.
2	Sub-surface gas monitoring		GM1 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
3	Sub-surface gas monitoring		GM2 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
4	Sub-surface gas monitoring		GM3 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
5	Sub-surface gas monitoring		GM4 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd

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6	Sub-surface gas monitoring		GM5 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
7	Sub-surface gas monitoring		GM6 as depicted in figure 4.2 of the Environmental Monitoring report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
8	Sub-surface gas monitoring		GM7 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
9	Sub-surface gas monitoring		GM8 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
10	Sub-surface gas monitoring		GM9 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
11	Sub-surface gas monitoring		GM10 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
12	Sub-surface gas monitoring		GM11 as depicted in figure 4.2 of the Environmental Monitoring Report, 17 November 1999 - by Egis Consulting Australia Pty Ltd
23	Discharge to air; air emissions monitoring	Discharge to air; air emissions monitoring	Stack serving Batch Kiln No 3 as shown on drawing No. HP0100-G001a submitted to the EPA on 7 October 2014
24	Discharge to air; air emissions monitoring	Discharge to air; air emissions monitoring	Stack serving No2 kiln is located at the co-ordinates specified in an email from the licensee dated 3 July 2012. The co-ordinates are 298734 E and 6254630 N.
25	Discharge to air; air emissions monitoring	Discharge to air; air emissions monitoring	The exhaust stack serving batch kiln No 1. as shown on CSR's drawing No. HP1400G002A dated 10-7-07 issue 1 revision A submitted to the EPA on 2 September 2008.
29	Discharge to air; air emissions monitoring	Discharge to air; air emissions monitoring	Stack serving Bricesco Trial Kiln, located at the MGA co-ordinates specified in the licence variation application received by the EPA on 7 August 2013. The co-ordinates are 298716E and 6254595N.
30	Discharge to air; air emissions monitoring	Discharge to air; air emissions monitoring	Stack serving Batch Kiln No 4 as shown on drawing No. HP0100-G001a submitted to the EPA on 7 October 2014

P1.2 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
------------------------	--------------------------	-------------------------	----------------------

Environment Protection Licence

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13	Surface water quality		A surface depression on the western side of the landfill containing water which may be discharged onto the premises owned by Jacfin Pty Ltd
14	Groundwater chemical composition		OW1 as depicted in figure 4.1 in the Landfill Closure Plan, April 1999 - by Egis Consulting Australia Pty Ltd
15	Groundwater chemical composition		OW2 as depicted in figure 4.1 in the Landfill Closure Plan, April 1999 - by Egis Consulting Australia Pty Ltd
16	Groundwater chemical composition		OW4a approximately 60metres south east of landfilled waste as described in Appendix C of PGH correspondence dated 26 April 2006.
17	Groundwater chemical composition		OW5 as depicted in figure 4.1 in the Landfill Closure Plan, April 1999 - by Egis Consulting Australia Pty Ltd
18	Groundwater chemical composition		OW7 as depicted in figure 4.1 in the Landfill Closure Plan, April 1999 - by Egis Consulting Australia Pty Ltd
19	Groundwater chemical composition		OW8 as depicted in figure 4.1 in the Landfill Closure Plan, April 1999 - by Egis Consulting Australia Pty Ltd
20	Leachate chemical composition and height		DW1 as depicted in figure 3.1 in the Landfill Closure Plan, April 1999 - by Egis Consulting Australia Pty Ltd
21	Leachate chemical composition and height		DW3 as depicted in figure 3.1 in the Landfill Closure Plan, April 1999 - by Egis Consulting Australia Pty Ltd
27	Discharge and monitoring point from the sediment dam.	Discharge and monitoring point from the sediment dam.	The position of the discharge & monitoring point is via the pipe serving the sediment dam located at grid reference 298619, 6254832, supplied by the licensee on 29 March 2010.
28	Overflow discharge and monitoring point from the sediment dam.	Overflow discharge and monitoring point from the sediment dam.	The overflow discharge and monitoring point serving the sediment dam is located at grid reference 298590, 6254829 provided by the licensee on 29 March 2010
31	Overflow discharge and monitoring location	Overflow discharge and monitoring location	The overflow discharge and monitoring point serving Dam 7, located at E 298513 N 6254658. Refer to email from PGH on 20 April 2020 (DOC19/938854-4)

Environment Protection Licence

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3 Limit Conditions

L1 Pollution of waters

- L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.

L2 Load limits

- L2.1 The actual load of an assessable pollutant discharged from the premises during the reporting period must not exceed the load limit specified for the assessable pollutant in the table below.
- L2.2 The actual load of an assessable pollutant must be calculated in accordance with the relevant load calculation protocol.

Assessable Pollutant	Load limit (kg)
Coarse Particulates (Air)	29002.00
Fine Particulates (Air)	25910.00
Fluoride (Air)	10504.00
Nitrogen Oxides - Summer (Air)	
Nitrogen Oxides (Air)	35050.00
Sulfur Oxides (Air)	189350.00

Note: An assessable pollutant is a pollutant which affects the licence fee payable for the licence.

L3 Concentration limits

- L3.1 For each monitoring/discharge point or utilisation area specified in the table\ below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.
- L3.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.
- L3.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table\.
- L3.4 Air Concentration Limits

Environment Protection Licence

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POINT 23

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Hydrogen fluoride	milligrams per cubic metre	50			
Nitrogen Oxides	milligrams per cubic metre	500			
Total Solid Particles	milligrams per cubic metre	50			

POINT 24

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Hydrogen fluoride	milligrams per cubic metre	50			
Nitrogen Oxides	milligrams per cubic metre	500			
Total Solid Particles	milligrams per cubic metre	50			

POINT 25

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Hydrogen fluoride	milligrams per cubic metre	50			
Nitrogen Oxides	milligrams per cubic metre	500			
Total Solid Particles	milligrams per cubic metre	50			

POINT 29

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Hydrogen fluoride	milligrams per cubic metre	50			
Nitrogen Oxides	milligrams per cubic metre	500			
Total Solid Particles	milligrams per cubic metre	50			

POINT 30

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Hydrogen fluoride	milligrams per cubic metre	50			



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Nitrogen Oxides	milligrams per cubic metre	500
Total Solid Particles	milligrams per cubic metre	50

L3.5 Water and/or Land Concentration Limits

POINT 27,28,31

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
pH	-				6.5-8.5
TSS (Wet)	milligrams per litre				50
Turbidity	nephelometric turbidity units				150

L4 Waste

L4.1 The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled “Waste” and meeting the definition, if any, in the column titled “Description” in the table below.

Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled “Activity” in the table below.

Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled “Other Limits” in the table below.

This condition does not limit any other conditions in this licence.

Code	Waste	Description	Activity	Other Limits
NA	General or Specific exempted waste			NA
NA	Waste			NA

L5 Hours of operation

L5.1 The construction of the new bund, retaining wall, landscaping works, and removal of the existing earth bund along the southern boundary of the premises must only be carried out between the hours of 0700 and 1800 Monday to Friday, and 0800 and 1300 Saturday, and at no time on Sundays and Public Holidays.

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4 Operating Conditions

O1 Activities must be carried out in a competent manner

O1.1 Licensed activities must be carried out in a competent manner.

This includes:

- a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
- b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

O2 Maintenance of plant and equipment

O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:

- a) must be maintained in a proper and efficient condition; and
- b) must be operated in a proper and efficient manner.

O3 Dust

O3.1 The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.

O4 Processes and management

O4.1 The licensee must ensure that any liquid and/or non liquid waste generated and/or stored at the premises is assessed and classified in accordance with the EPA Waste Classification Guidelines as in force from time to time.

O4.2 The licensee must ensure that waste identified for recycling is stored separately from other waste.

5 Monitoring and Recording Conditions

M1 Monitoring records

M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.

M1.2 All records required to be kept by this licence must be:

- a) in a legible form, or in a form that can readily be reduced to a legible form;
- b) kept for at least 4 years after the monitoring or event to which they relate took place; and
- c) produced in a legible form to any authorised officer of the EPA who asks to see them.

Environment Protection Licence

Licence - 123

M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:

- a) the date(s) on which the sample was taken;
- b) the time(s) at which the sample was collected;
- c) the point at which the sample was taken; and
- d) the name of the person who collected the sample.

M2 Requirement to monitor concentration of pollutants discharged

M2.1 Air Monitoring Requirements

POINT 1

Pollutant	Units of measure	Frequency	Sampling Method
Methane	parts per million	Quarterly	No method specified

POINT 2,3,4,5,6,7,8,9,10,11,12

Pollutant	Units of measure	Frequency	Sampling Method
Carbon dioxide	percent by volume	Quarterly	No method specified
Methane	percent by volume	Quarterly	No method specified
Oxygen (O ₂)	percent by volume	Quarterly	No method specified

POINT 23,24

Pollutant	Units of measure	Frequency	Sampling Method
Hydrogen fluoride	milligrams per cubic metre	Yearly	TM-9
Nitrogen Oxides	milligrams per cubic metre	Yearly	TM-11
Total Solid Particles	milligrams per cubic metre	Yearly	TM-15

POINT 25

Pollutant	Units of measure	Frequency	Sampling Method
Hydrogen fluoride	milligrams per cubic metre	Yearly	TM-9
Nitrogen Oxides	milligrams per cubic metre	Yearly	TM-11
Total Solid Particles	milligrams per cubic metre	Yearly	TM-15

POINT 29

Environment Protection Licence

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Pollutant	Units of measure	Frequency	Sampling Method
Hydrogen fluoride	milligrams per cubic metre	Yearly	TM-9
Nitrogen Oxides	milligrams per cubic metre	Yearly	TM-11
Total Solid Particles	milligrams per cubic metre	Yearly	TM-15

POINT 30

Pollutant	Units of measure	Frequency	Sampling Method
Hydrogen fluoride	milligrams per cubic metre	Yearly	TM-9
Nitrogen Oxides	milligrams per cubic metre	Yearly	TM-11
Total Solid Particles	milligrams per cubic metre	Yearly	TM-15

M2.2 Water and/ or Land Monitoring Requirements

POINT 13,14,15,16,17,18,19,20,21

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	Grab sample
BOD	milligrams per litre	Quarterly	Grab sample
Cadmium	milligrams per litre	Yearly	Grab sample
Calcium	milligrams per litre	Quarterly	Grab sample
Chloride	milligrams per litre	Quarterly	Grab sample
Chromium	milligrams per litre	Yearly	Grab sample
Conductivity	microsiemens per centimetre	Quarterly	Grab sample
Copper	milligrams per litre	Yearly	Grab sample
Fluoride	milligrams per litre	Yearly	Grab sample
Iron	milligrams per litre	Yearly	Grab sample
Lead	milligrams per litre	Yearly	Grab sample
Magnesium	milligrams per litre	Quarterly	Grab sample
Manganese	milligrams per litre	Yearly	Grab sample
Nitrogen	milligrams per litre	Quarterly	Grab sample
Nitrogen (ammonia)	milligrams per litre	Quarterly	Grab sample
pH	pH	Quarterly	Grab sample
Phosphorus (total)	milligrams per litre	Yearly	Grab sample
Potassium	milligrams per litre	Quarterly	Grab sample
Redox potential	millivolts	Quarterly	Grab sample
Sodium	milligrams per litre	Quarterly	Grab sample
Standing Water Level	metres	Quarterly	Grab sample

Environment Protection Licence

Licence - 123

Sulfate	milligrams per litre	Quarterly	Grab sample
Temperature	degrees Celsius	Quarterly	Grab sample
Total dissolved solids	milligrams per litre	Quarterly	Grab sample
Total Kjeldahl Nitrogen	milligrams per litre	Quarterly	Grab sample
Total organic carbon	milligrams per litre	Quarterly	Grab sample
Total Phenolics	milligrams per litre	Yearly	Grab sample
Total suspended solids	milligrams per litre	Quarterly	Grab sample
Zinc	milligrams per litre	Yearly	Grab sample

POINT 27,31

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	millisiemens per centimetre	Special Frequency 1	Grab sample
pH	-	Special Frequency 1	Grab sample
TSS	milligrams per litre	Special Frequency 1	Grab sample
Turbidity	milligrams per litre	Special Frequency 1	Grab sample

POINT 28

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	millisiemens per centimetre	Special Frequency 2	Grab sample
pH	-	Special Frequency 2	Grab sample
TSS	milligrams per litre	Special Frequency 2	Grab sample
Turbidity	milligrams per litre	Special Frequency 2	Grab sample

- M2.3 Monitoring Point 13 is required to be sampled at the frequency prescribed in M2.2 but only if water has been collected in the depression.
- M2.4 For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:
- M2.5 Special Frequency Monitoring for Points 27, 28 and 31
 Special Frequency 1 is defined to be not more than 48 hours before the valve is opened (or pump is operated) permitting a discharge from sedimentation pond (via licence discharge point 27) or Dam 7 (via licence discharge point 31) and then once per day during discharge.
 Special Frequency 2 is defined to be once per day on any day that an overflow discharge point (licence discharge point 28) from the sedimentation pond occurs.
- M2.6 Requirement to monitor discharges from discharge points 27, 28 and 31
 For discharge points 27, 28 and 31 the licensee must monitor and record the following:
- a) The date on which any discharge to water/land occurs from the contents of the pond or dam;

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- b) The time the discharge commences on any day;
- c) The time the discharge ceases on any day; and
- d) The weekly rainfall (in mm) immediately before any discharge occurs.

M2.7 a) The licensee must install, maintain and operate a rainfall gauge in accordance with approved Method AM-4 specified in the Department of Environment, Climate Change and Water's (DECCW) Approved Method for Sampling and Analysis of Air Pollutants in NSW January 2007.

b) The licensee must monitor the rainfall at the premises. The rainfall must be measured and recorded in millimetres (mm) per 24 period at the same time each day.

c) The rainfall monitoring data collected must be used to determine that daily rainfall at the premises and for calculating the total rainfall over any five-day period.

M3 Testing methods - concentration limits

M3.1 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:

- a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
- b) if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or
- c) if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

M3.2 Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

Note: The *Protection of the Environment Operations (Clean Air) Regulation 2010* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

M4 Testing methods - load limits

Note: Division 3 of the *Protection of the Environment Operations (General) Regulation 2009* requires that monitoring of actual loads of assessable pollutants listed in L2.2 must be carried out in accordance with the relevant load calculation protocol set out for the fee-based activity classification listed in the Administrative Conditions of this licence.

M5 Recording of pollution complaints

M5.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent

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of the licensee in relation to pollution arising from any activity to which this licence applies.

M5.2 The record must include details of the following:

- a) the date and time of the complaint;
- b) the method by which the complaint was made;
- c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
- d) the nature of the complaint;
- e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
- f) if no action was taken by the licensee, the reasons why no action was taken.

M5.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

M5.4 The record must be produced to any authorised officer of the EPA who asks to see them.

M6 Telephone complaints line

M6.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.

M6.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.

M6.3 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.

6 Reporting Conditions

R1 Annual return documents

R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:

- 1. a Statement of Compliance,
- 2. a Monitoring and Complaints Summary,
- 3. a Statement of Compliance - Licence Conditions,
- 4. a Statement of Compliance - Load based Fee,
- 5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
- 6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and
- 7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.

R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.

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- R1.3 Where this licence is transferred from the licensee to a new licensee:
- a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
 - b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.
- R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:
- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
 - b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.
- R1.5 The Annual Return for the reporting period must be supplied to the EPA via eConnect *EPA* or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').
- R1.6 Where the licensee is unable to complete a part of the Annual Return by the due date because the licensee was unable to calculate the actual load of a pollutant due to circumstances beyond the licensee's control, the licensee must notify the EPA in writing as soon as practicable, and in any event not later than the due date. The notification must specify:
- a) the assessable pollutants for which the actual load could not be calculated; and
 - b) the relevant circumstances that were beyond the control of the licensee.
- R1.7 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.
- R1.8 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:
- a) the licence holder; or
 - b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

Note: An application to transfer a licence must be made in the approved form for this purpose.

R2 Notification of environmental harm

- R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.
- R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.

Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in

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accordance with the requirements of Part 5.7 of the Act.

R3 Written report

- R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:
- a) where this licence applies to premises, an event has occurred at the premises; or
 - b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence,
- and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.
- R3.2 The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.
- R3.3 The request may require a report which includes any or all of the following information:
- a) the cause, time and duration of the event;
 - b) the type, volume and concentration of every pollutant discharged as a result of the event;
 - c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
 - d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
 - e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
 - f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
 - g) any other relevant matters.
- R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

7 General Conditions

G1 Copy of licence kept at the premises or plant

- G1.1 A copy of this licence must be kept at the premises to which the licence applies.
- G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.
- G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

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8 Pollution Studies and Reduction Programs

U1 Completed pollution studies and reduction programs

U1.1

PRP No.	PRP	Description	Completed Date
1	Sewage, process water and surface water management.	A plan showing location of sewerage systems and effluent storage / disposal areas	7 July 2004
2	Sewage, process water and surface water management	A plan showing locations of all process water storage systems	7 July 2004
3	Sewage, process water and surface water management	A plan showing locations of all process water storage systems	7 July 2004
4	Sewage, process water and surface water management	Calculations for design sizing of: all s'water diversion structures; proposed sewage treatment and effluent utilisation; and modifications to process water system	7 July 2004
5	Sewage, process water and surface water management	Timetable for implementation of changes to surface water management system, effluent treatment and utilisation system and process water system.	9 May 2005
6	Sewage, process water and surface water management	Details of operational practices to maintain the new surface water, effluent and process water management systems.	1 September 2006
7	Installation of a full scale "Permeable Biologically Reactive Wall".	Landfill Gas Drainage and Biofiltration cut-off wall installed to prevent gas migration to adjoining premises from the former Camide landfill on the premises.	18 October 2008
8	Install and operate a new surface water system.	Install and operate a new system for the management of surface water and effluent and utilisation and process water at the premises.	31 March 2008

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Dictionary

General Dictionary

3DGM [in relation to a concentration limit]	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
Act	Means the Protection of the Environment Operations Act 1997
activity	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
actual load	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
AM	Together with a number, means an ambient air monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
AMG	Australian Map Grid
anniversary date	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
annual return	Is defined in R1.1
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
BOD	Means biochemical oxygen demand
CEM	Together with a number, means a continuous emission monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
COD	Means chemical oxygen demand
composite sample	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
cond.	Means conductivity
environment	Has the same meaning as in the Protection of the Environment Operations Act 1997
environment protection legislation	Has the same meaning as in the Protection of the Environment Administration Act 1991
EPA	Means Environment Protection Authority of New South Wales.
fee-based activity classification	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
general solid waste (non-putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

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flow weighted composite sample	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
general solid waste (putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
grab sample	Means a single sample taken at a point at a single time
hazardous waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
licensee	Means the licence holder described at the front of this licence
load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
local authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
material harm	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
MBAS	Means methylene blue active substances
Minister	Means the Minister administering the Protection of the Environment Operations Act 1997
mobile plant	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
motor vehicle	Has the same meaning as in the Protection of the Environment Operations Act 1997
O&G	Means oil and grease
percentile [in relation to a concentration limit of a sample]	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
plant	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
pollution of waters [or water pollution]	Has the same meaning as in the Protection of the Environment Operations Act 1997
premises	Means the premises described in condition A2.1
public authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
regional office	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
reporting period	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
restricted solid waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
scheduled activity	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
special waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
TM	Together with a number, means a test method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .

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TSP	Means total suspended particles
TSS	Means total suspended solids
Type 1 substance	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
Type 2 substance	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
utilisation area	Means any area shown as a utilisation area on a map submitted with the application for this licence
waste	Has the same meaning as in the Protection of the Environment Operations Act 1997
waste type	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non - putrescible), special waste or hazardous waste

Mr Tim Gilbert

Environment Protection Authority

(By Delegation)

Date of this edition: 02-June-2000

Environment Protection Licence

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End Notes

- 1 Licence transferred through application 140060, approved on 24-Oct-2000, which came into effect on 01-Jun-2000.
- 2 Licence varied by change to Contact details, issued on 02-Apr-2001, which came into effect on 02-Apr-2001.
- 3 Licence varied by notice 1008659, issued on 22-Jun-2001, which came into effect on 17-Jul-2001.
- 4 Licence varied by notice 1017812, issued on 01-Jul-2002, which came into effect on 26-Jul-2002.
- 5 Licence transferred through application 142416, approved on 14-Jan-2004, which came into effect on 01-Dec-2003.
- 6 Licence varied by notice 1043619, issued on 03-Mar-2005, which came into effect on 03-Mar-2005.
- 7 Licence varied by notice 1045397, issued on 14-Apr-2005, which came into effect on 09-May-2005.
- 8 Licence varied by notice 1047728, issued on 17-May-2005, which came into effect on 11-Jun-2005.
- 9 Licence varied by notice 1051525, issued on 05-Sep-2005, which came into effect on 30-Sep-2005.
- 10 Licence varied by correction to EPA IDA data record, issued on 11-Nov-2005, which came into effect on 11-Nov-2005.
- 11 Licence varied by notice 1054646, issued on 19-Dec-2005, which came into effect on 13-Jan-2006.
- 12 Licence varied by notice 1058710, issued on 14-Aug-2006, which came into effect on 14-Aug-2006.
- 13 Licence varied by notice 1068626, issued on 03-Jan-2007, which came into effect on 03-Jan-2007.
- 14 Licence varied by notice 1069203, issued on 05-Feb-2007, which came into effect on 05-Feb-2007.
- 15 Licence varied by notice 1072197, issued on 28-Aug-2007, which came into effect on 28-Aug-2007.
- 16 Licence varied by change to legislation, issued on 29-Aug-2007, which came into effect on 29-Aug-2007.
- 17 Licence varied by notice 1079901, issued on 19-Nov-2007, which came into effect on 19-Nov-2007.

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|----|---|
| 18 | Licence varied by notice 1083093, issued on 21-Feb-2008, which came into effect on 21-Feb-2008. |
| 19 | Licence varied by Change to schedule 1, issued on 08-May-2008, which came into effect on 08-May-2008. |
| 20 | Licence varied by notice 1091847, issued on 08-Sep-2008, which came into effect on 08-Sep-2008. |
| 21 | Licence varied by notice 1092272, issued on 25-Sep-2008, which came into effect on 25-Sep-2008. |
| 22 | Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date> |
| 23 | Licence varied by change to FBA data for summer pollutants, issued on 14-Jan-2009, which came into effect on 14-Jan-2009. |
| 24 | Licence varied by notice 1103921, issued on 05-Nov-2009, which came into effect on 05-Nov-2009. |
| 25 | Licence varied by notice 1112339, issued on 22-Apr-2010, which came into effect on 22-Apr-2010. |
| 26 | Licence varied by notice 1128021, issued on 03-May-2011, which came into effect on 03-May-2011. |
| 27 | Licence varied by notice 1506811 issued on 17-Jul-2012 |
| 28 | Licence varied by notice 1513694 issued on 23-Apr-2013 |
| 29 | Licence varied by notice 1517171 issued on 25-Sep-2013 |
| 30 | Licence varied by notice 1525873 issued on 21-Nov-2014 |
| 31 | Licence format updated on 24-Apr-2015 |
| 32 | Licence transferred through application 1530226 approved on 04-May-2015 , which came into effect on 04-May-2015 |
| 33 | Licence varied by notice 1535803 issued on 04-Dec-2015 |
| 34 | Licence varied by notice 1542886 issued on 23-Aug-2016 |
| 35 | Licence varied by notice 1570706 issued on 30-Nov-2018 |
| 36 | Licence varied by notice 1573915 issued on 12-Aug-2019 |
| 37 | Licence varied by notice 1586745 issued on 22-May-2020 |



Environment Protection Licence

Licence - 20953

<u>Licence Details</u>	
Number:	20953
Anniversary Date:	10-January

<u>Licensee</u>
RB (HYGIENE HOME) AUSTRALIA PTY LTD
LEVEL 47 680 GEORGE ST
SYDNEY NSW 2000

<u>Premises</u>
WAREHOUSE 3B
WAREHOUSE 3B
HORSLEY PARK NSW 2175

<u>Scheduled Activity</u>
Chemical storage

<u>Fee Based Activity</u>	<u>Scale</u>
General chemicals storage	> 5000-100000 kL storage capacity

<u>Region</u>
Metropolitan - Sydney Industry
Level 13, 10 Valentine Ave
PARRAMATTA NSW 2150
Phone: (02) 9995 5000
Fax: (02) 9995 6900
PO Box 668
PARRAMATTA NSW 2124

Environment Protection Licence

Licence - 20953

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Environment Protection Licence

Licence - 20953



Information about this licence

Dictionary

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

Responsibilities of licensee

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

Variation of licence conditions

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

Duration of licence

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

Licence review

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

- an administrative fee; and
- a load-based fee (if applicable).

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Licence - 20953



The EPA publication “A Guide to Licensing” contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

Usually the licence fee period is the same as the reporting period.

Transfer of licence

The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

Public register and access to monitoring data

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

This licence is issued to:

RB (HYGIENE HOME) AUSTRALIA PTY LTD
LEVEL 47 680 GEORGE ST
SYDNEY NSW 2000

subject to the conditions which follow.



Environment Protection Licence

Licence - 20953

1 Administrative Conditions

A1 What the licence authorises and regulates

A1.1 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
Chemical storage	General chemicals storage	> 5000 - 100000 kL storage capacity

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
WAREHOUSE 3B
WAREHOUSE 3B
HORSLEY PARK
NSW 2175
LOT 21 DP 1173181

A3 Information supplied to the EPA

A3.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

In this condition the reference to "the licence application" includes a reference to:

- a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
- b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

2 Discharges to Air and Water and Applications to Land

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P1 Location of monitoring/discharge points and areas

- P1.1 The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.

3 Limit Conditions

L1 Pollution of waters

- L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.

4 Operating Conditions

O1 Activities must be carried out in a competent manner

- O1.1 Licensed activities must be carried out in a competent manner.
This includes:
a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

O2 Maintenance of plant and equipment

- O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:
a) must be maintained in a proper and efficient condition; and
b) must be operated in a proper and efficient manner.

5 Monitoring and Recording Conditions

M1 Monitoring records

- M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.
- M1.2 All records required to be kept by this licence must be:
a) in a legible form, or in a form that can readily be reduced to a legible form;
b) kept for at least 4 years after the monitoring or event to which they relate took place; and
c) produced in a legible form to any authorised officer of the EPA who asks to see them.
- M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of

Environment Protection Licence

Licence - 20953



this licence:

- a) the date(s) on which the sample was taken;
- b) the time(s) at which the sample was collected;
- c) the point at which the sample was taken; and
- d) the name of the person who collected the sample.

M2 Recording of pollution complaints

- M2.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.
- M2.2 The record must include details of the following:
- a) the date and time of the complaint;
 - b) the method by which the complaint was made;
 - c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
 - d) the nature of the complaint;
 - e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
 - f) if no action was taken by the licensee, the reasons why no action was taken.
- M2.3 The record of a complaint must be kept for at least 4 years after the complaint was made.
- M2.4 The record must be produced to any authorised officer of the EPA who asks to see them.

M3 Telephone complaints line

- M3.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.
- M3.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.
- M3.3 The preceding two conditions do not apply until 30 November 2017 the date of the issue of this licence.

6 Reporting Conditions

R1 Annual return documents

- R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:
- 1. a Statement of Compliance,
 - 2. a Monitoring and Complaints Summary,

Environment Protection Licence

Licence - 20953



3. a Statement of Compliance - Licence Conditions,
4. a Statement of Compliance - Load based Fee,
5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and
7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.

R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

R1.3 Where this licence is transferred from the licensee to a new licensee:

- a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
- b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

Note: An application to transfer a licence must be made in the approved form for this purpose.

R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:

- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
- b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.

R1.5 The Annual Return for the reporting period must be supplied to the EPA via eConnect *EPA* or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').

R1.6 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.

R1.7 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:

- a) the licence holder; or
- b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

R2 Notification of environmental harm

R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.

Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening

Environment Protection Licence

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material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.

- R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.

R3 Written report

- R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:
- a) where this licence applies to premises, an event has occurred at the premises; or
 - b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence,
- and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.
- R3.2 The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.
- R3.3 The request may require a report which includes any or all of the following information:
- a) the cause, time and duration of the event;
 - b) the type, volume and concentration of every pollutant discharged as a result of the event;
 - c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
 - d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
 - e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
 - f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
 - g) any other relevant matters.
- R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

7 General Conditions

G1 Copy of licence kept at the premises or plant

- G1.1 A copy of this licence must be kept at the premises to which the licence applies.
- G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.
- G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the

Environment Protection Licence

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premises.

Environment Protection Licence

Licence - 20953

Dictionary

General Dictionary

3DGM [in relation to a concentration limit]	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
Act	Means the Protection of the Environment Operations Act 1997
activity	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
actual load	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
AM	Together with a number, means an ambient air monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
AMG	Australian Map Grid
anniversary date	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
annual return	Is defined in R1.1
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
BOD	Means biochemical oxygen demand
CEM	Together with a number, means a continuous emission monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
COD	Means chemical oxygen demand
composite sample	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
cond.	Means conductivity
environment	Has the same meaning as in the Protection of the Environment Operations Act 1997
environment protection legislation	Has the same meaning as in the Protection of the Environment Administration Act 1991
EPA	Means Environment Protection Authority of New South Wales.
fee-based activity classification	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
general solid waste (non-putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

Environment Protection Licence

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flow weighted composite sample	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
general solid waste (putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
grab sample	Means a single sample taken at a point at a single time
hazardous waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
licensee	Means the licence holder described at the front of this licence
load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
local authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
material harm	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
MBAS	Means methylene blue active substances
Minister	Means the Minister administering the Protection of the Environment Operations Act 1997
mobile plant	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
motor vehicle	Has the same meaning as in the Protection of the Environment Operations Act 1997
O&G	Means oil and grease
percentile [in relation to a concentration limit of a sample]	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
plant	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
pollution of waters [or water pollution]	Has the same meaning as in the Protection of the Environment Operations Act 1997
premises	Means the premises described in condition A2.1
public authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
regional office	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
reporting period	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
restricted solid waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
scheduled activity	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
special waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
TM	Together with a number, means a test method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .

Environment Protection Licence

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TSP	Means total suspended particles
TSS	Means total suspended solids
Type 1 substance	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
Type 2 substance	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
utilisation area	Means any area shown as a utilisation area on a map submitted with the application for this licence
waste	Has the same meaning as in the Protection of the Environment Operations Act 1997
waste type	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non - putrescible), special waste or hazardous waste

Mr Mark Carey

Environment Protection Authority

(By Delegation)

Date of this edition: 10-January-2018

End Notes	
1	Licence transferred through application 1576998 approved on 15-Mar-2019 , which came into effect on 15-Mar-2019

Appendix G Heritage Records

Search Results

No results found.

Enter at least one search criterion.

[Search Hints](#)

<input type="button" value="Search"/> <input type="button" value="Reset form"/>	
Place name	
<input type="text"/>	
Street name	
<input type="text" value="10 Old Wallgrove Road"/>	
Town or suburb	State
<input type="text" value="Horsley Park"/>	<input style="border: none; border-bottom: 1px solid black; text-align: right;" type="text" value="New South Wales"/> ▼
Country	
<input type="text"/>	

Advanced search options

List	
<input style="border: none; border-bottom: 1px solid black; text-align: right;" type="text" value="All Lists"/> ▼	
<i>Different lists will provide different status and class options</i>	
Local Government Area	Place ID number
<input type="text"/>	<input type="text"/>
Legal status	Class
<input style="border: none; border-bottom: 1px solid black; text-align: right;" type="text" value="--All--"/> ▼	<input style="border: none; border-bottom: 1px solid black; text-align: right;" type="text" value="--All--"/> ▼
Keyword Search	
<input type="text"/>	
<input checked="" type="checkbox"/> Description	<input checked="" type="checkbox"/> Statement of Significance
<input checked="" type="checkbox"/> Place history	
Latitude/Longitude	
<p>N</p> <p>Latitude 1</p> <p>Longitude 1 <input type="text"/> S</p> <p>Longitude 2 <input type="text"/></p> <p>W <input type="text"/> E</p> <p>Latitude 2 <input type="text"/> S</p> <p>S</p>	
<input type="radio"/> Wholly within region <input checked="" type="radio"/> Wholly or partially within region	
<i>Longitude coordinates should be entered as ddd.mm.ss</i> <i>Latitude coordinates should be entered as dd.mm.ss</i>	
Map Ref No	
<input type="text"/>	
<i>1:100,000 eg 2357</i> <i>1:250,000 eg SF-50-01</i>	

Search Hints

- Not all fields need to be filled in. The fewer you fill in the more results you will get.
- If you cannot find a place, check spelling and try alternative names. Reduce the number of words that you include and use fewer fields.

- The Local Government field used on its own will provide a comprehensive list of places in an area.

Report Produced: Wed Mar 30 13:07:59 2022



State Heritage Inventory

Start your search

Item Name

Old Wallgrove Road x

HORSLEY PARK NSW 2175 x

Local Govt Area v

VIEW RESULTS

Advanced search v

View Results By: **Map** A-Z 1/2 Statutory list

CLEAR SPATIAL RESULTS

Search

x

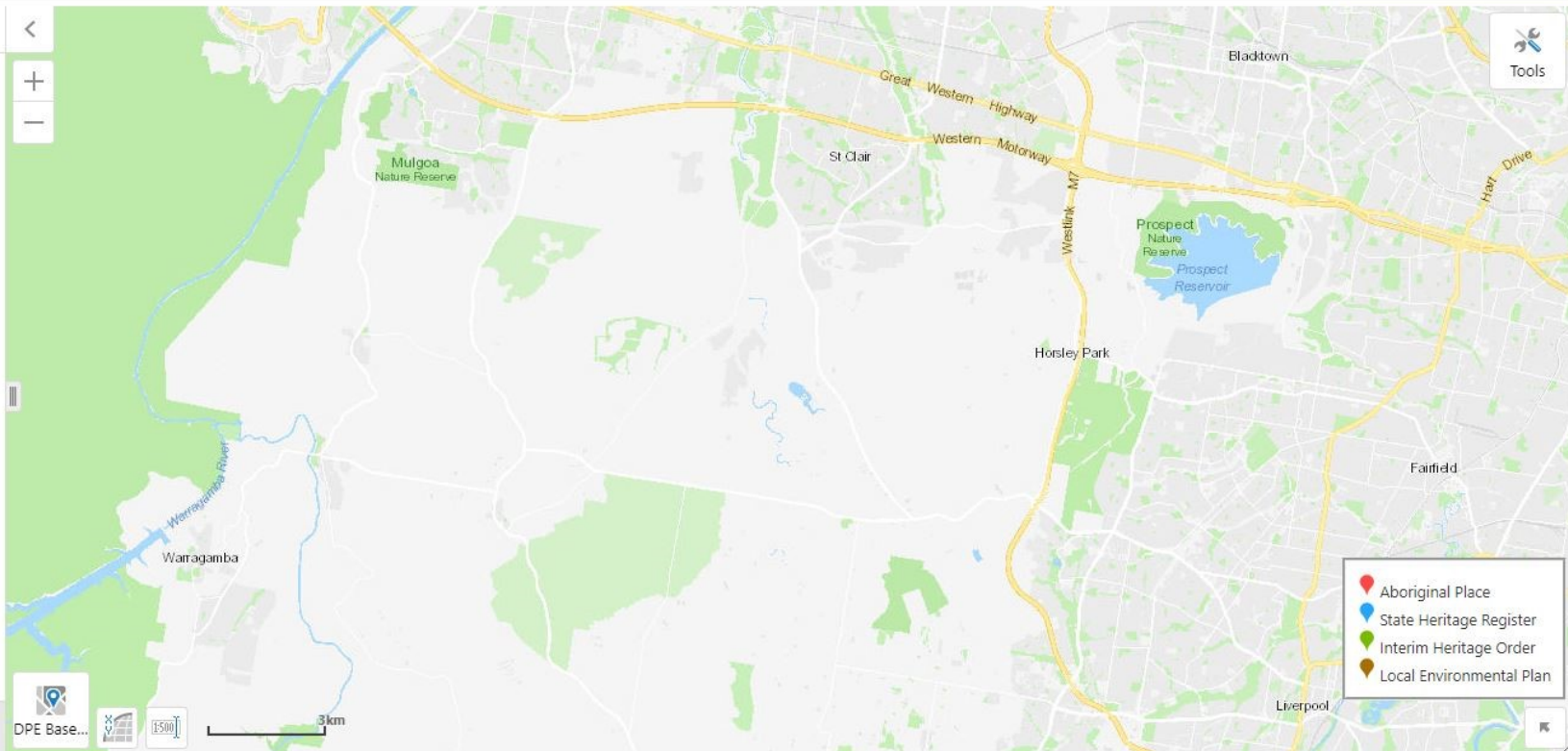
<

+

-

Close

No data available



Tools

Tools



Layers



Search



DPE Base...



3500



3km

Appendix H NSW SafeWork Dangerous Goods License Search



Dangerous Goods Licensing

ph (02) 4321 5500 fax (02) 9287 5500

Attn: REMI BAGINSKI
Licensee: AUSTRAL BRICK CO PTY LIMITED ACN 000 005 550
P O BOX 6550
WETHERILL PARK DC NSW 1851

LICENCE FOR THE KEEPING OF DANGEROUS GOODS

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATIONS THEREUNDER

Licence Number 35/017790 Expiry Date 15/01/2006 No. of Depots 7

Licensee Contact REMI BAGINSKI Ph. 9830 7725 Fax. 9830 7807

Premises Licensed to Keep Dangerous Goods PLANT NO 3
AUSTRAL BRICK CO PTY LIMITED
OLD WALLGROVE RD HORSLEY PARK 2164

Nature of Site CLAY BRICK MANUFACTURING

Major Supplier of Dangerous Goods VARIOUS

Emergency Contact for this Site BILL LARFIELD Ph. (M) 0410 422 305

Site staffing 24HRS 7DAYS

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	EXEMPT - U/G TANK UN 00C1 DIESEL	Class C1	16500 L 16500 L
2	EXEMPT - U/G TANK UN 00C1 DIESEL	Class C1	26500 L 26500 L
3	EXEMPT - U/G TANK UN 00C1 DIESEL	Class C1	26500 L 26500 L
4	EXEMPT - U/G TANK UN 00C1 DIESEL	Class C1	16500 L 16500 L
5	FLAMMABLE LIQUIDS CABINET UN 1263 PAINT RELATED MATERIAL	Class 3	250 L exempt (500L or kg) 150 L
6	CYLINDER STORE UN 1001 ACETYLENE, DISSOLVED	Class 2.1	250 L exempt (5000L) 150 L
7	ABOVE-GROUND TANK UN 00C1 DIESEL	Class 3 Class C1	53400 L - exempt (100,000L) 25000 L

PLEASE RETAIN AS PROOF OF LICENCE
Issued by Workcover Authority of New South
Wales on 10 March 2005

WorkCover. **Watching out for you.**

WorkCover NSW ABN 77 682 742 966 92-100 Donnison Street Gosford NSW 2250 Locked Bag 2906 Lisarow NSW 2252
Telephone 02 4321 5000 Facsimile 02 4325 4145 WorkCover Assistance Service 13 10 50
DX 731 Website www.workcover.nsw.gov.au

Application for Licence to Keep Dangerous Goods

PART A - Applicant and site information (See page 2 of Guidance Notes)

1	Name of applicant	ACN	
	Austral Brick Co Pty Limited	Plant No 3 000 005 550	
2	Postal Address of Applicant	Suburb/Town	Postcode
	PO Box 6560	Wetherill Park NSW	DC 1851
3	Trading Name or Site Occupier's Name		
	Austral Bricks		
4	Contact for Licence Inquiries		
	Phone 7725 Fax 9830 7807 Name		
	9830 7777 9629 4257 Remi Boginski		
5	Previous Licence Number (if known)	35/ 017 790	
6	Previous Occupier (if known)	Nil	
7	Site to be Licensed		
	No Street		
	Old Wallgrove Road Horsley Park		
8	Main Business of Site	Clay brick manufacturer	
9	Site staffing:	Hours per day	Days per week
		24	7
10	Site Emergency Contact		
	Phone Name		
	0410422 305 Shift Supervisor on Duty Bill Larfield		
11	Major Supplier of Dangerous Goods	CIG Gases and BP	
12	If a new site or for amendments to depots - see page 4 of Guidance Notes.		
	Plans Stamped by:	Name of Consultant	Date Stamped
		Barry Boné	2-3-05

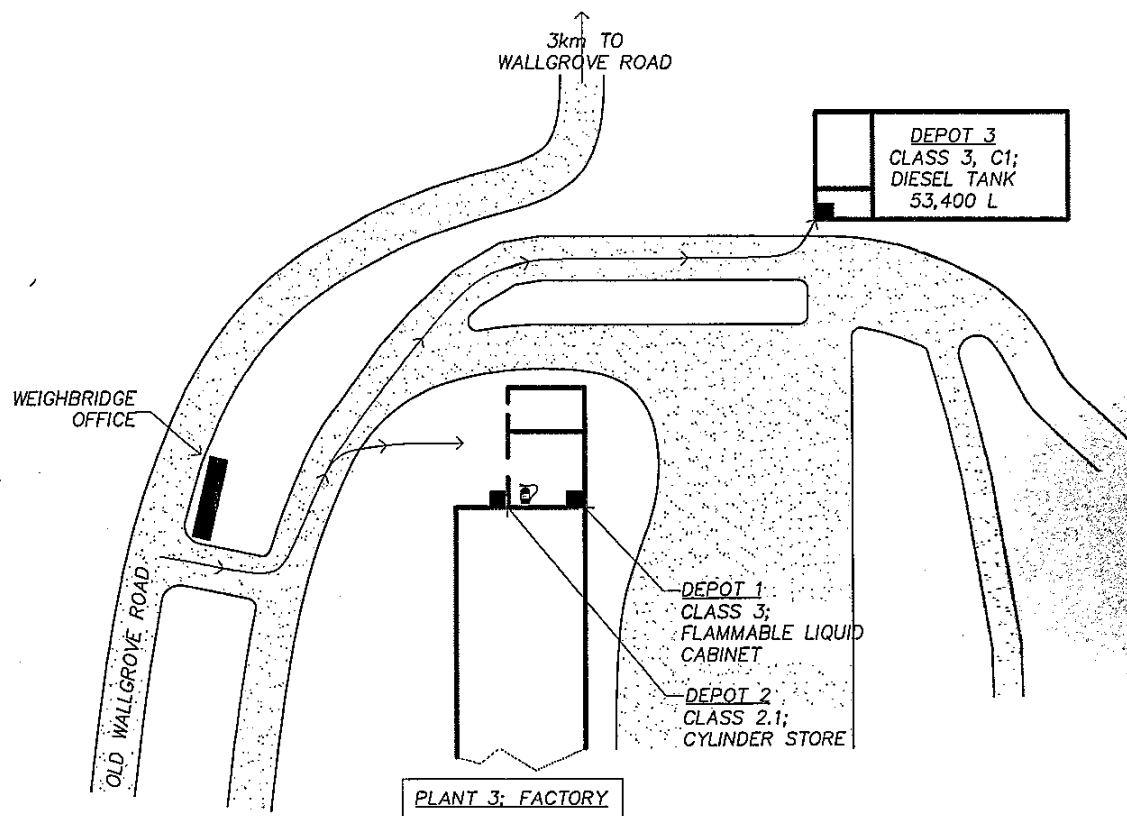
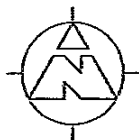
I certify that the details in this application (including any accompanying computer disk) are correct and cover all licensable quantities of dangerous goods kept on the premises.

13	Signature of Applicant	Printed Name
	<i>Mark Trudgett</i>	MARK TRUGGETT

Dangerous Goods Licensing

WorkCover NSW, Locked Bag 2906 LISAROW NSW 2252

DO NOT SCALE DRAWING IF IN DOUBT ASK



DANGEROUS GOODS DEPOTS			
Depot	DG Class	PG	Quantity
1: (one)	3	11	25
2: (two)	2.1	-	-
3: (three)	3	C1	53.4
AS SHOWN IN THIS PLAN CONFORMS WITH THE DANGEROUS GOODS ACT 1975 AND AUSTRALIAN STANDARD(S) AS 1940 AS 4332-1 AS			
Name (Printed):	BARRY BONE		
Signature:	[Signature]		
Date:	2/3/05		

THE AUSTRAL BRICK COMPANY; DANGEROUS GOODS SITE PLAN

	Indicates Dangerous Goods Depot		Fire Hydrant	<p>Copyright - This drawing & design shown thereon is the property of PETROLINK PTY LTD & MUST NOT BE SOLD, LENT, GIVEN AWAY REPRODUCED OR OTHERWISE DIVULGED TO THIRD PARTIES OR USED FOR ANY OTHER PURPOSE WITHOUT PERMISSION OF PETROLINK PTY LTD</p> <p>Petrolink Pty Ltd ABN 35 002 864 002 22 Peachtree Road, PENRITH, NSW 2750 Phone 02 4722 9775 Fax 02 4722 9774 E-Mail petrolink@pnc.com.au Website www.petrolink.com.au</p>	DATE 28.2.05	DRAWING NO. 5758-003	LEAST AUG 2005
	Emergency Isolation Point		Fire Hose Reel		DATE 23.05		
	Spill Response Station		Fire Extinguisher - Dry Powder				
	Emergency Eye Wash		Fire Extinguisher - Foam				
	First Aid		Fire Extinguisher - Carbon Dioxide				
<p>SCALE 1:1000</p> <p>DIMENSIONS IN MILLIMETRES</p>						<p>AUSTRAL BRICK COMPANY PTY. LTD. DANGEROUS GOODS & EMERGENCY SERVICES FACTORY #3 SITE PLAN</p>	

017790

What is a depot? See page 5 of the Guidance Notes

PART C - Dangerous Goods Storage Complete one section per depot

If you have more depots than that space provided, photocopy sufficient sheets first

13

What is a depot? See page 5 of the Guidance Notes

PART C - Dangerous Goods Storage Complete one section per depot

If you have more depots than that space provided, photocopy sufficient sheets first

Depot Number	Type of Depot (see page 5)	Depot Class	Maximum Storage Capacity			
1	Indoor Storage Cabinet	3	250 litres			
<div style="display: flex; justify-content: space-between;"> <div> UN Number Proper Shipping Name Class PG (I, II, III) </div> <div> Product or Common Name Typical Quantity Unit eg L, kg, m³ </div> </div>						
1263	Paint Related Materials	3	II	Paint, Solvents, thinners	150	L

Depot Number	Type of Depot (see page 5)	Depot Class	Maximum Storage Capacity			
2	Gas Cylinder Store	2.1	250L			
<div style="display: flex; justify-content: space-between;"> <div> UN Number Proper Shipping Name Class PG (I, II, III) </div> <div> Product or Common Name Typical Quantity Unit eg L, kg, m³ </div> </div>						
1001	Acetylene	2.1		Acetylene	150	Kg

Depot Number	Type of Depot (see page 5)	Depot Class	Maximum Storage Capacity			
3	On ground self-bunded fuel tank	3	53,400 Litres			
<div style="display: flex; justify-content: space-between;"> <div> UN Number Proper Shipping Name Class PG (I, II, III) </div> <div> Product or Common Name Typical Quantity Unit eg L, kg, m³ </div> </div>						
00C1	Diesel	3	C1	Diesel	25,000	L

Depot Number	Type of Depot (see page 5)	Depot Class	Maximum Storage Capacity			
<div style="display: flex; justify-content: space-between;"> <div> UN Number Proper Shipping Name Class PG (I, II, III) </div> <div> Product or Common Name Typical Quantity Unit eg L, kg, m³ </div> </div>						

Licence No. 35/017790

APPLICATION FOR RENEWAL OF LICENCE TO KEEP DANGEROUS GOODS

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATION THEREUNDER

DECLARATION: Please renew licence number 35/017790 to 16/10/2004. I confirm that all the licence details shown below are correct (amend if necessary).


(Signature)
for AUSTRAL BRICK CO P/L

ROB CAMPBELL
(Please print name)

10/9/03
(Date signed)

THIS SIGNED DECLARATION SHOULD BE RETURNED TO:

WorkCover New South Wales
Dangerous Goods Licensing Section
LOCKED BAG 2906
LISAROW NSW 2252

Enquiries: ph (02) 43215500
fax (02) 92875500

Details of licence on 29 August 2003

Licence Number 35/017790 Expiry Date 16/10/2003

Licensee AUSTRAL BRICK CO P/L ACN 000 005 550

Postal Address: P O BOX 6550 WETHERILL PARK DC NSW 1851

Licensee Contact ~~GRANT ACKERS~~ Ph. 9830 7700 Fax. 9834 2383

ROB CAMPBELL
Ph. 9830 7768
Fax. 9830 7807

Premises Licensed to Keep Dangerous Goods PLANT NO 3
AUSTRAL BRICK CO P/L
OLD WALLGROVE RD HORSLEY PARK 2164

Nature of Site CLAY BRICK MANUFACTURING

Major Supplier of Dangerous Goods NOT APPLICABLE

Emergency Contact for this Site BILL LARFIELD Ph. 9830 7700

Site staffing 24HRS 7DAYS

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	EXEMPT - U/G TANK UN 00C1 DIESEL	Class C1	16500 L 16500 L
2	EXEMPT - U/G TANK UN 00C1 DIESEL	Class C1	26500 L 26500 L
3	EXEMPT - U/G TANK UN 00C1 DIESEL	Class C1	26500 L 26500 L
4	EXEMPT - U/G TANK UN 00C1 DIESEL	Class C1	16500 L 16500 L

ATF

WORKCOVER AUTHORITY



LICENCE TO KEEP DANGEROUS GOODS

(Dangerous Goods Act 1975)

Application for new licence, amendment or transfer

OLD DGI LSS

1. Name of applicant

Austral Brick Co P/L

ACN

000 005 550

2. Site to be licensed

No

Street

Plant no. 3 Wallgrove Rd.

Suburb/Town

Postcode

Horsley Park

2164

3. Previous licence number (if known)

35-017790

4. Nature of site

BRICK MANUFACTURING

5. Emergency contact on site:

Phone

Name

8307700

MR. DAVID ADLAN

6. Site staffing:

Hours per day

24

Days per week

7

7. Major supplier of dangerous goods

N/A

8. If new site or significant modification

Plan stamped by:

Accredited consultant's name:

N/A

DATA Date stamped

24 OCT 1994

ENTERED

9. Number of dangerous goods depots at site

2

10. Trading name or occupier's name

Austral Brick

11. Postal address of applicant

Suburb/Town

Postcode

PO Box 550

Penrith

2750

12. Contact for licence enquiries:

Phone

Fax

Name

8307700

831 2383

MR. G. SMITH

I certify that the details contained in this application (or the accompanying computer disk) are true and correct

13. Signature of applicant

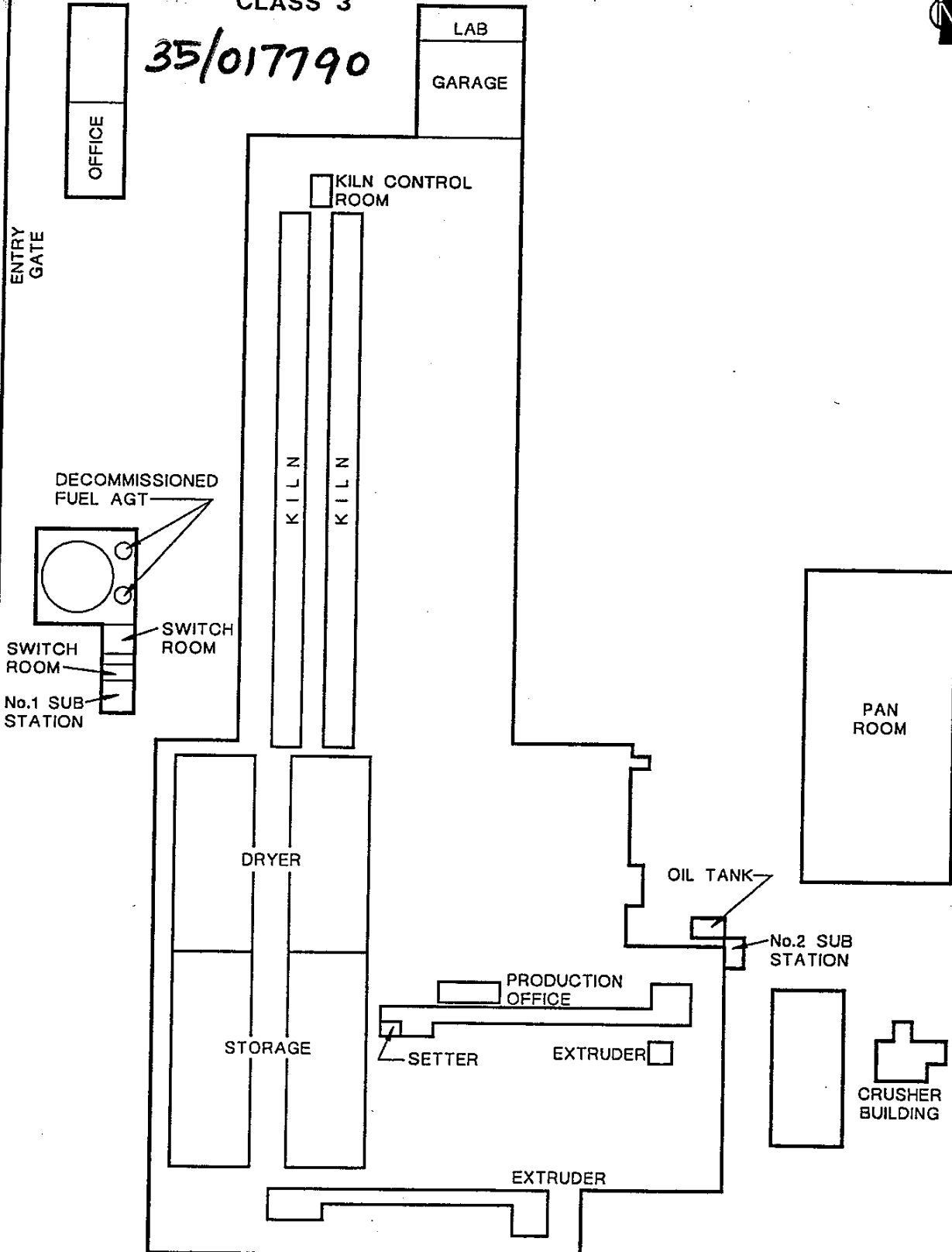
Date

6 OCT 94

Please complete attached site sketch, depot listing and check sheet
(if required) and return to WorkCover Authority in envelope provided.

ST FUEL
DEPOTS 1 & 2
CLASS 3

35/017790



A4

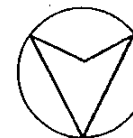
DESIGNED VS	Woodward-Clyde <small>Engineering & sciences applied to the earth & the environment</small> AGC Woodward-Clyde Pty Ltd Level 6, 486-494 Pacific Highway St Leonards, NSW, Australia 2065 Tel (02) 436 4666 Fax (02) 436 4110	REVISION A	AUSTRAL BRICKS PLANT No.3 SITE LAYOUT
DRAWN HC		SCALE NOT TO SCALE	
APPROVED VS		DRAWING 3383G.003	
DATE OCT '94		FIGURE 3	

CHANDLER ROAD

(Note: Over Brickwork
and Vacant Land)

Approx. 30m to
Brick Building

Brick Bund Wall Height 3m



Approx. 35m to
Brick Plant

Brick Bund Ht 2.1m

9 metres in height

Water Tank

Approx. 50m to Boundary

OLD WALLGROVE ROAD

Approx. 35m
to Weyhbridge

Title

AUSTRAL BRICKS
PLANT 3
OLD WALLGROVE ROAD
WALLGROVE NSW

M & M Protection Consultants

2-374

A Technical Division of

Marsh &

McLennan

A.C.N. 004 651 512

Checked by:

V.S.

Date: July '92

Drawn

A Hanna

Scale: Approx
1:125

INFLAMMABLE LIQUID ACT, 1915 (AS AMENDED)

for Registration of Premises or Stores under Division A or for the transfer or amendment of any such Registration or for the keeping of Inflammable Liquid and/or Dangerous Goods, in accordance with the provisions of the Inflammable Liquid Act, 1915 (as amended), for the ensuing year.

DIRECTIONS

CALTEX

1. Applications must be forwarded to the Chief Inspector of Inflammable Liquid, Explosives Department, Box R.216, Royal Exchange Sydney, N.S.W. 2000 and must be accompanied by the prescribed fee, as set out hereunder:

Registration of Premises (Fee \$3.00 p.a.) - For quantities not exceeding 300 gallons of mineral oil and 100 gallons of mineral spirit, if kept together; or 800 gallons of mineral oil and 100 gallons of mineral spirit, if kept in separate depots; or 500 gallons of mineral spirit, if kept in an underground tank depot; or 800 gallons of mineral oil and 500 gallons of mineral spirit, if mineral spirit is kept in an underground tank depot.

In addition to, or in lieu of the above, similar quantities of Dangerous Goods of Classes 1 and 2 may be kept under the like conditions; reading Dangerous Goods of Class 1 for the words Mineral Spirit and Dangerous Goods of Class 2 for the words Mineral Oil.

Store License, Div. A (Fee, \$6.50 p.a.) - For quantities in excess of those stated above, but not exceeding 4,000 gallons mineral oil and/or mineral spirit, and/or Dangerous Goods of Classes 1, 2 and 9.

Store License, Div. B (Fee, See Regulation 7) - For quantities exceeding 4,000 gallons of mineral spirit, and/or dangerous goods of Classes 1 and 2, and/or dangerous goods of Class 3.

For the keeping of Dangerous Goods of Classes 3 and/or 4. (\$15.00 p.a.).

Fees for the keeping of inflammable liquid and dangerous goods in excess of the above stated quantities and also for Liquid Petroleum Gas storage are set out in Regulation 7.

new licence to 15/1/73.

1. Name of occupier including full christian names.	X The Austral Brick Co. Pty. Ltd.
2. Trading Name (if any)	As above..
3. Locality of the premises in which the depot or depots are situated	No. or Name X Street X Chandos Rd. Town X Horsley Park.
4. Postal address	X PO Box 136 Liverpool. Postcode X 2170
5. Occupation	X Brickmakers.
6. Nature of premises (dwelling, garage etc.)	X Brickmaking Plant.

7. Particulars of construction of depots and maximum quantities of inflammable liquid and/or Dangerous Goods to be kept at any one time.

PLEASE ATTACH PLAN OF PREMISES

Depot No.	Construction of depots *			Inflammable liquid		Dangerous goods					
	Walls	Roof	Floor	Mineral spirit gallons	Mineral oil gallons	Class 1 gallons	Class 2 gallons	Class 3 lb	Class 4 cu ft	Class 5A water gal	Class 9 gallons
1	Underground Tank			2000							
2											
3											
4											
5											
6											
7											
8											
9											
10											

* If product is kept in tanks describe depots as underground or aboveground tanks.

THE AUSTRAL BRICK CO. PTY. LTD.
Signature of applicant

249/10 650
26/4/72
Receipt No. 1957

Date of application 26 APR 1972

CERTIFICATE OF INSPECTION



Our Ref: D21/081030

3 June 2021

Ms Jessica Staehli
JBSG Pty Ltd
jstaehli@jbsg.com.au

Dear Ms Staehli

RE SITE: 10 Old Wallgrove Road Horsley Park NSW 2175

I refer to your site search request received by SafeWork NSW requesting information on Storage of Hazardous Chemicals for the above site.

A search of the records held by SafeWork NSW has not located any records pertaining to the above-mentioned premises.

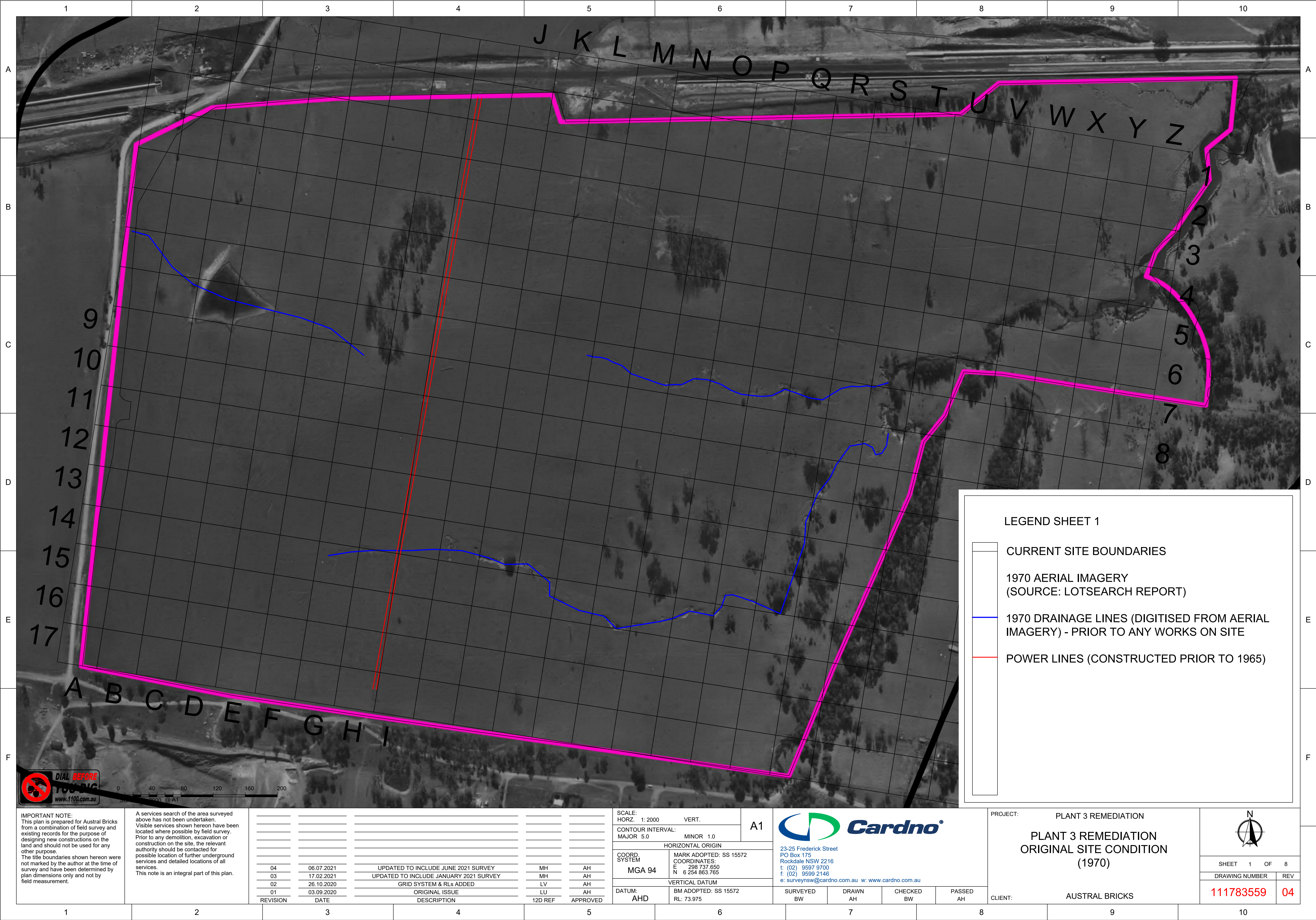
For further information or if you have any questions, please call us on 13 10 50 or email licensing@safework.nsw.gov.au

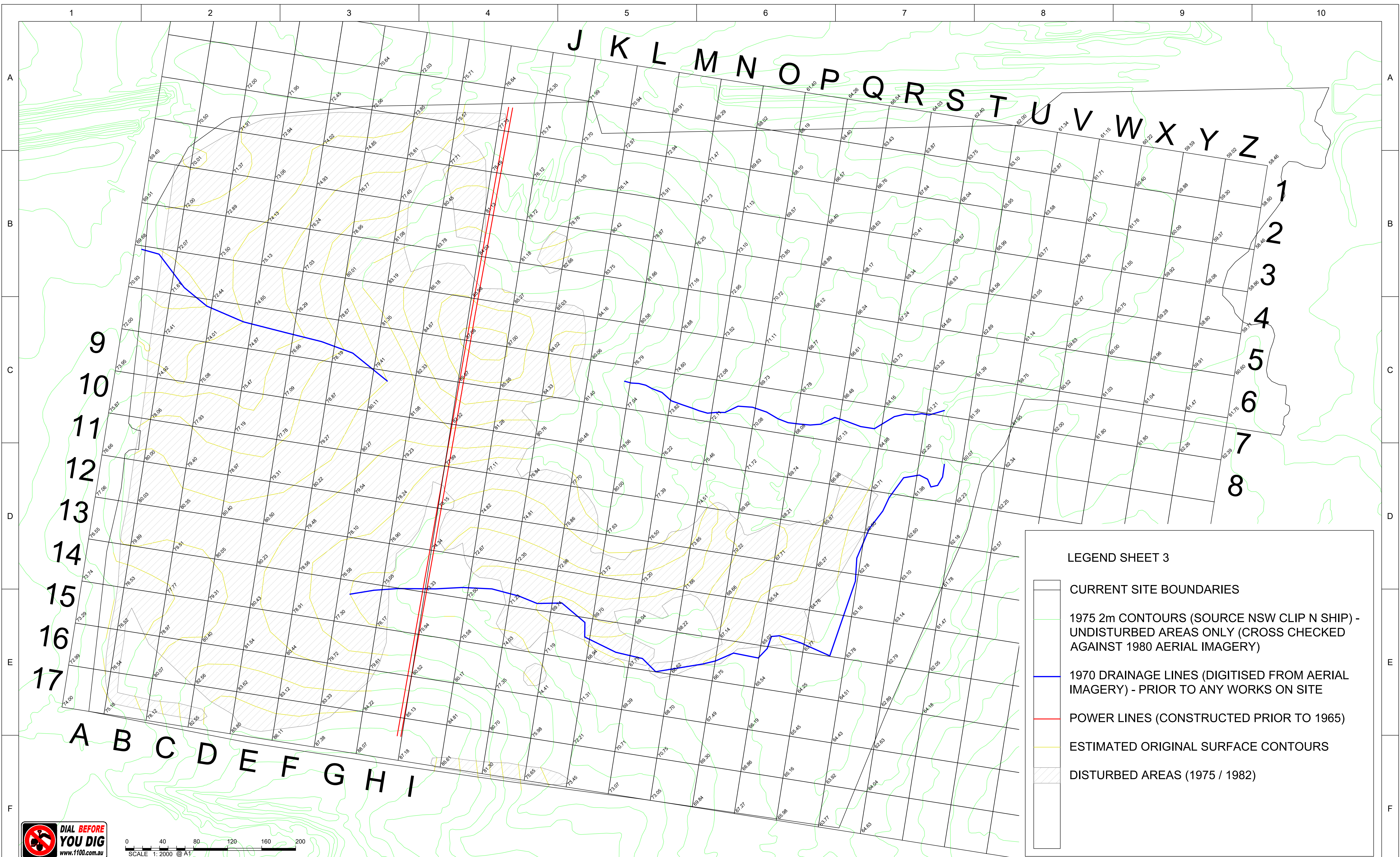
Yours sincerely

Gabriela Draper

Licensing Representative
Licensing and Funds, Better Regulation
SafeWork NSW

Appendix I Austral Survey Plans and Heat Map





**DIAL BEFORE
YOU DIG**
www.1100.com.au

IMPORTANT NOTE:
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The title boundaries shown hereon were not marked by the author at the time of survey and have been determined by plan dimensions only and not by field measurement.

A services search of the area surveyed above has not been undertaken. Visible services shown hereon have been located where possible by field survey. Prior to any demolition, excavation or construction on the site, the relevant authority should be contacted for possible location of further underground services and detailed locations of all services.

04	06.07.2021	UPDATED TO INCLUDE JUNE 2021 SURVEY	MH	AH
03	17.02.2021	UPDATED TO INCLUDE JANUARY 2021 SURVEY	MH	AH
02	26.10.2020	GRID SYSTEM & RLs ADDED	LV	AH
01	03.09.2020	ORIGINAL ISSUE	LU	AH
REVISION	DATE	DESCRIPTION	12D REF	APPROVED

SCALE:	
HORZ. 1: 2000	VERT.
CONTOUR INTERVAL:	
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HORIZONTAL ORIGIN	
COORD. SYSTEM	MARK ADOPTED: SS 155
MGA 94	COORDINATES:
	N 298 737.650
	E 6 254 863.765
VERTICAL DATUM	
DATUM:	BM ADOPTED: SS 15572
AHD	RL: 73.975

A1



PROJECT:	PLANT 3 REMEDIATION
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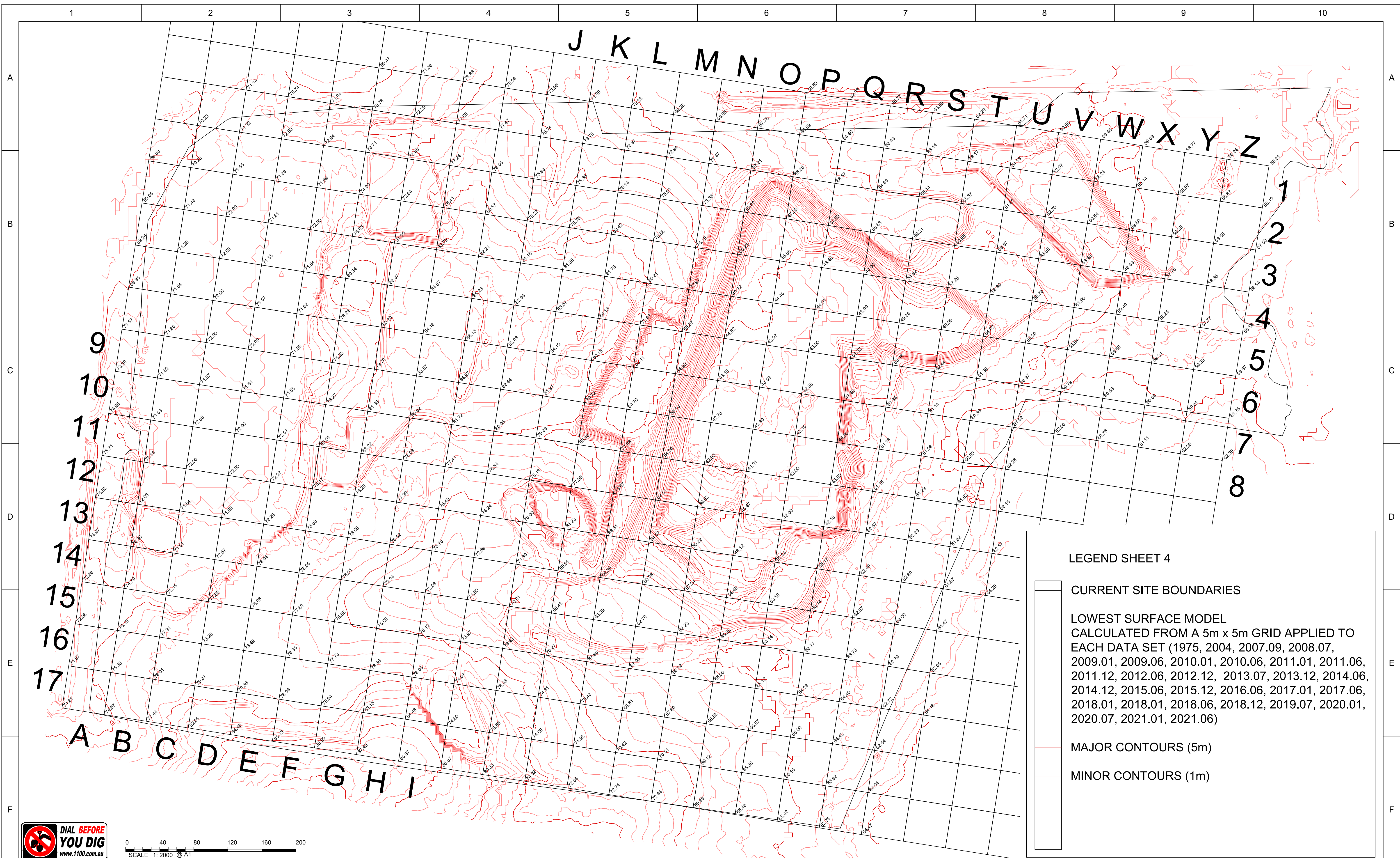
PLANT 3 REMEDIATION ESTIMATED ORIGINAL SURFACE MODEL



SHEET	3	OF	8
DRAWING NUMBER			REV

111783559	04
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CLIENT: AUSTRAL BRICKS



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CONTOUR INTERVAL:	
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MGA 94	COORDINATES:
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	N 6 254 863.765
VERTICAL DATUM	
DATUM:	BM ADOPTED: SS 15572
AHD	RL: 73.975

A1



PROJECT:	PLANT 3 REMEDIATION
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PLANT 3 REMEDIATION
LOWEST OBSERVED / SURVEYED
SURFACE MODEL (1975 - 2021)

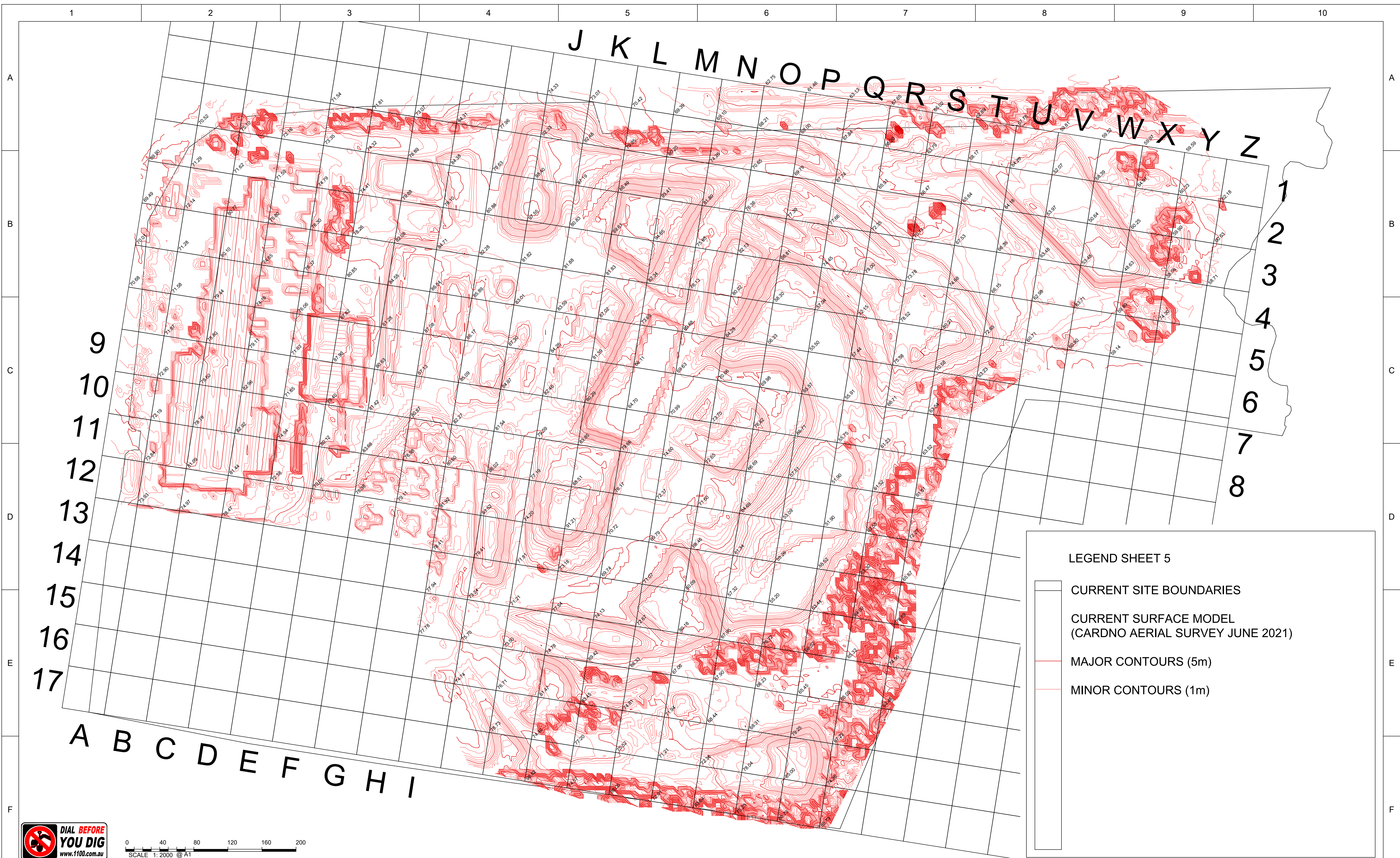
CLIENT: AUSTRAL BRICKS



SHEET 4 OF 8

DRAWING NUMBER	REV
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111783559	04
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02	26.10.2020	GRID SYSTEM & RLs ADDED	LV	AH
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REVISION	DATE	DESCRIPTION	12D REF	APPROVED

SCALE:	
HORZ. 1:2000	VERT.
CONTOUR INTERVAL:	
MAJOR 5.0	MINOR 1.0
HORIZONTAL ORIGIN	
COORD. SYSTEM	MARK ADOPTED: SS 155
MGA 94	COORDINATES:
	E 298 737.650 N 6 254 863.765
VERTICAL DATUM	
DATUM:	BM ADOPTED: SS 15572
AHD	RL: 73.975

A1



PROJECT:	PLANT 3 REMEDIATION
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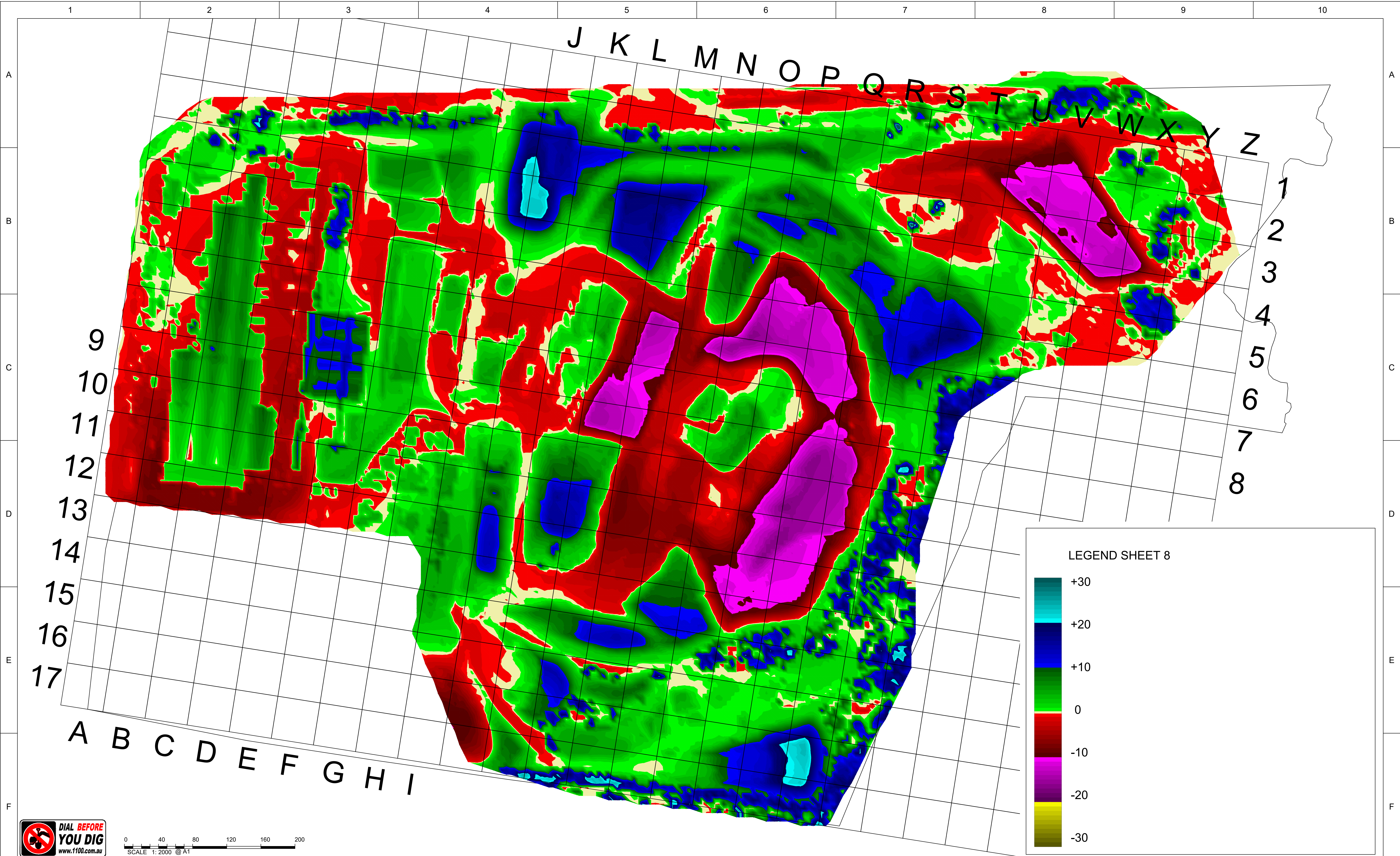
PLANT 3 REMEDIATION
CURRENT SURFACE MODEL
(JUNE 2021)



SHEET	5	OF	8
DRAWING NUMBER		REV	

111783559	04
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CLIENT: AUSTRAL BRICKS



0 40 80 120 160 200
SCALE 1:2000 @ A1

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HORIZONTAL ORIGIN			
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e: surveynsw@cardno.com.au w: www.cardno.com.au

SURVEYED	DRAWN	CHECKED	PASSED
BW	AH	BW	AH

PROJECT: PLANT 3 REMEDIATION
**PLANT 3 REMEDIATION
HEAT MAP**
ORIGINAL SURFACE MODEL TO
CURRENT SURFACE MODEL
CLIENT: AUSTRAL BRICKS



SHEET 8 OF 8
DRAWING NUMBER REV
111783559 04

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Document Status

Rev No.	Author	Reviewer	Approved for Issue		
		Name	Name	Signature	Date
A	Jessica Staehli	Joanne Rosner	Draft for client review	Draft for client review	31/03/2022

