

Austral Brick

Preliminary Environmental Site Investigation Report

174-181 Ferrers Road Horsley Park, NSW

15 April 2019





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Executive Summary

Background

Land & Groundwater Consulting Pty Ltd (LG) has been engaged by Austral Brick Company Pty Ltd (Austral Brick) to undertake a Preliminary Environmental Site Investigation (PESI) at the site known as 174-181 Ferrers Road, Horsley Park, NSW. LG understands that the site is proposed for re-development comprising the Brickworks Plant 2 Upgrade including refurbishment of existing kiln building and construction of a new production building.

Conclusions

Based on the findings of this PESI the following conclusions are provided:

- Prior to the current layout the site appeared to have comprised mainly vacant crown land until the 1890's and pasture land from then until the 1940's. Building structures are likely to have occupied portions the site since sometime in the 1940's;
- The site has been used as commercial/industrial land since the 1960's. No significant changes were observed over the last 50 years, since operated by Austral Bricks from the 1960's to the current the period;
- Given that no evident sources of mobile contamination could be visually identified on site, it is considered that potential contaminants associated with past and present land uses are minimal. However, The power transformers associated with the substation immediately east of the production building are considered to be a possible source of potential polychlorinated biphenyl (PCB) contamination. Therefore, special consideration and caution should be given to any proposed demolition and excavation works at the substation;
- The site condition and the past and current site activities described in this PESI indicate a low to moderate potential for significant or gross contamination; and
- Based on the above findings the site subject to this PESI is likely to be suitable for the proposed ongoing commercial/industrial land use, provided that subsurface conditions and any soils to be excavated within the footprint of the substation, as part of the proposed development are assessed appropriately for the presence of potential contamination, prior to disturbance.

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1. Introduction

1.1 Background

Land & Groundwater Consulting Pty Ltd (LG) has been engaged Austral Brick Company Pty Ltd (Austral Brick) to undertake a Preliminary Environmental Site Investigation (PESI) at the property identified as Part of Lot 7 in Development Plan (DP) 1059698, known as 174-181 Ferrers Road, Horsley Park, NSW (the site). The site location plan is shown in **Figure 1** attached.

LG understands that the PESI is required to support an application (SSD 9601) with the NSW Department of Planning and Environment (DPE) for a proposed development, which will comprise the Brickworks Plant 2 Upgrade including refurbishment of existing kiln building and construction of a new production building. The site layout is shown in **Figure 2**.

This PESI provides a summary of the historical land uses and a preliminary characterisation of potential soil and groundwater contamination at the site.

The PESI was undertaken with respect to the staged investigation approach outlined in State Environmental Planning Policy No. 55 - Remediation of Land (SEPP 55 - Ref 1) and the National Environment Protection Council (NEPC) National Environment Protection (Assessment of Site Contamination) Measure 1999 (amended 2013) (NEPC, 2013 - Ref 2).

This report was prepared in general accordance the NSW Office of Environment and Heritage (OEH) "Guidelines for Consultants Reporting on Contaminated Sites" (2011).

1.2 Objectives

The specific objectives of the PESI are to:

- Identify potentially contaminating activities;
- Identify potential areas and contaminants of concern; and
- Identify potential contamination resulting from any past and/or present land uses.



1.3 Scope of Works

In order to meet the objectives, the following scope of work was undertaken:

- Completed searches and review of historical information relating to the site from the following sources:
 - Current certificate of title;
 - Historical certificate of title;
 - Local Council records, including current planning and/or zoning certificates, previous land uses;
 - NSW OEH administered environment management and contaminated land registers;
 - Heritage Council of NSW online database of items of heritage significance;
 - Available historical aerial photographs;
 - Dangerous goods licences or stored chemical information databases;
 - Registered groundwater bore database for groundwater bores in the vicinity of the site; and
 - Available geological and hydrogeological information.
- Completed an inspection of the site and surrounding environment to assist in the identification of potential on and offsite sources of contamination:
 - Undertake a preliminary assessment of the nature, location and general conditions of buildings and remaining property at the site and in the adjoining areas;
 - Collect a photographic record of present conditions;
 - Based on the review of the historical and background information, determine the areas and chemicals of potential environmental concern; and
 - Assessment of the data and preparation of this report detailing the findings of the PESI.



2. Site Conditions and Local Environment

2.1 Site Identification

The site is located in Horsley Park, NSW, approximately 40 km west of the Sydney central business district (CBD). The site layout is presented in **Figure 2**. Details relating to the site are presented in **Table 1**.

Table 1 - Site Identification

Site Details	Description
Address 174-181 Ferrers Road, Horsley Park, NSW 21	
Lot/DP	Part of Lot 7 in DP 1059698
Local Government Area	Fairfield City Council
Parish and County	Parish of Prospect, County of Cumberland
Site Area	Total Lot Area: Approximately 820,000 m ²
	Existing Kiln Building to Remain: 13,250 m ²
	New Production Building: 11,350 m ²
Registered Owner	The Austral Brick Company Proprietary Limited
Zoning	The Fairfield LEP 2013 does not apply to the site
Current Land Use	Industrial production of bricks/ceramics

2.2 Site Description

A site inspection was completed by LG on 15 August 2018 and the observations are detailed in **Table 2**. **Figure 2** shows an approximate layout of the site.

Table 2 – Site Description

Category	Observation
Current Use	The site comprises Brickworks Plant 2 and is located within the eastern portion of Lot 7 in DP 1059698.
	The site was bound to the north by a main access road (linking Ferrers Road and Wallgrove Road), Ferrers Road to the east, stockpiles for brickmaking material to the south and west, and further west with Eastern Creek and associated riparian zone.
	The site is used predominantly for the manufacturing, storage, supply chain, distribution and selling of bricks and ceramics.



Site Features

At the time of inspection the following site features were observed and noted:

Offices:

- Offices were present in the head office building located at the north eastern end of the site closer to entrance via Ferrers Road; and
- There were other administrative offices adjacent entrance to the kiln and clay storage buildings.

Car Park Areas:

- A car park area located adjacent to the north eastern site boundary; and
- The car park area was surfaced with asphalt.

Kiln, Production and Clay Storage Buildings:

- A large north to south trending kiln/production building was located along the eastern portion of the site, as well as a smaller administration and amenities buildings which are attached to the northern end of the production building;
- A clay storage building was located within the southeastern portion of the site:
- An electrical substation was located immediately east of the production building;
- The internal and surrounding surfaces of the factory warehouse building were observed to be concrete hardstand;
- Walls were observed to be constructed of concrete and cladding panels and roofs were observed to be constructed of metal sheet with some skylights to allow natural lighting;
- Loading docks were present within the northern side of the kiln/production building;
- No signs of oil spill or stains were noted on the floor surfaces across the site:
- No rubbish or domestic waste was observed on ground surfaces across the site:
- There was no visible evidence of active pipelines;
- A total of 4 above ground tanks (ASTs) were observed across the site, one
 outside the northeastern end of the clay storage building and other three
 outside the south western end of the kiln/production building. The later
 were not expected to contain liquid contaminant substances;
- There was no visible evidence of underground storage tanks (USTs) or systems which should cause air emissions such as laboratories, incinerators, surface impoundment and land treatment areas; and
- Asbestos containing materials were not observed on the surfaces across the site during the inspection.



2.3 Surrounding Land Use

The surrounding land use is summarised as follows:

- The northern side of the site is bound by an internal access road linking Ferrers Road and Wallgrove Road;
- The site is bound to the east by Ferrers Road;
- The site is bound to the south by a stockpile area; and
- The western side of the site is bound by a stockpile area and Eastern Creek beyond.

2.4 Topography

The ground surface at the site slopes from east to west. The ground surface varies in elevations from approximately 60 m (Australian Height Datum) AHD in the vicinity of the western boundary of the site to approximately 68 m AHD in the vicinity of the eastern boundary of the site, respectively.

2.5 Geology and Hydrogeology

Geological information obtained from the Penrith 1:100,000 Geological Series Sheet 9035 Edition 1, dated 1991, by the Geological Survey of New South Wales, Department of Mineral Resources, indicates the site is located within an area underlain by Triassic Age Bringelly Shale of the Wianamatta Group, denoted as Rwb. The Bringelly Shale is described as shale, carbonaceous claystone, claystone, laminate, fine to medium-grained lithic sandstone, rare coal and tuff.

Bringelly Shale typically weathers to low permeability clays and it was anticipated that this clay would be present at the site.

Hydrogeological conditions at the site are likely to be defined mainly by a shallow aquifer system. This shallow system is likely to be a transient perched aquifer that develops after heavy rainfall and lies above the underlying shale bedrock. It is likely that the shallow aquifer is discontinuous and will be favourable in higher permeability areas, such as the areas of fill and easements (i.e. stormwater easement). The groundwater in this system is unlikely to pose an off-site migration risk due to its transient nature and the most likely contaminant source being from intermittent spills/leaks from near-surface infrastructure. Groundwater within the weathered shale



lithology would be anticipated to be saline, low in permeability and not suitable for domestic, agricultural or irrigation uses.

2.6 Acid Sulfate Soils

A review of the Acid Sulfate Soil Maps available from the Australian Soil Resource Information System (ASRIS)¹ indicated that there is an extremely low probability of occurrence of acid sulfate soils at the site. Therefore, acid sulfate soils are not known or expected to occur in these areas and land management activities are not likely to be affected by acid sulfate soil materials.

No indicators of acid sulfate soils were observed during the site inspection completed on 15 August 2018. Also, this is consistent with the site's elevation and geological setting.

2.7 Registered Bore Search

A review of groundwater bore records available on the NSW Office of Water² (NOW) online database was undertaken on 15 August 2018. The search was limited to registered bores located within a radius of approximately 500 m of the site.

The search the presence of 1 registered bore (GW104063) within a radius of approximately 500 m of the site. A map showing the bore search area is included in **Appendix B**.

¹ ASRIS Maps http://www.asris.csiro.au/mapping/viewer.htm

² http://realtimedata.waternsw.com.au/water.stm



3. Review of Historical Records

3.1 Historical Information Sources

The sources from which historical site information has been obtained are summarised in **Table 3**.

Table 3 - Historical and Background Information Search

Source	Location of Source	Years / Date	Comments
Current and NSW Land and Prop Historical Titles Information Division		Titles searched 18 September 2018	Current and Historical Title Documents are included in Appendix C.
Aerial Photographs	NSW Land and Property Information Division	Register searched 18 September 2018 Years 1947, 1978, 1986, 2004, 2009 and 2017	Aerial photographs extracts included in Appendix D .
Heritage Significance	http://www.environment. nsw.gov.au/heritage	Register searched 26 September 2018	All relevant notices detailed in Section 3.4 of this report.
Contaminated Land Register	http://www.epa.nsw.gov. au/prclmapp/searchregist er.aspx	Register searched 26 September 2018	All relevant notices detailed in Section 3.5 of this report.
Planning Report	NSW Department of Planning & Environment	Register searched 26 September 2018	All relevant notices detailed in Section 3.6 of this report.
Dangerous Goods	WorkCover NSW	Register searched 14 September 2018	All relevant notices detailed in Section 3.7 of this report.



3.2 Certificate of Title

A historical land titles search was conducted through NSW Land and Property Information Division. Copies of relevant documents resulting from this search are presented in **Appendix C**. The site comprises seven historical titles, which are summarised in **Table 4**.

Table 4 – Summary of Owners for Lot 7 in DP 1059698

Date or Year of Acquisition	Registered Proprietor	Reference to Title at Acquisition and Sale
1904	Herbery Percy Smith (Grazier)	Vol 6199 Fol 64
1909	John Henry Smith (Grazier)	Vol 6338 Fol 87
1943	Permanent Trustee Company of New South Wales Limited	Vol 6884 Fol 140
1951	Harrie Davis (Grazier)	Vol 7450 Fol 163
17/09/1962	The Austral Brick Company Proprietary Limited	Vol 3271 Fol 140
17/09/1962	The Austral Brick Company Proprietary Limited	Vol 3271 Fol 139
06/02/1968	The Austral Brick Company Proprietary Limited	Vol 10730 Fol 47
04/06/1987	The Austral Brick Company Proprietary Limited	Fol 1/206617
02/09/2004	The Austral Brick Company Proprietary Limited	Fol 7/1059698

3.3 Historical Aerial Photographs

Aerial photographs of the site for the years circa 1947, 1978, 1986, 2004, 2009 and 2017 were sourced from NSW Land and Property Information Division. An interpretation of the photographs is provided in **Table 5** below. Aerial photograph extract images are presented in **Appendix D**.



Table 5 – Summary of Historical Aerial Photographs

Aerial Photograph	Description of Site and Surrounding Area
1947 Black and white	The 1947 photograph indicates that the site appeared to be located in cleared bushland and occupied by numerous relatively small buildings, structures and stored materials. Approximately 50% of the site was vacant paddock areas.
	Surrounding Land Use: Surrounding areas appeared to be occupied by the easement associated with the Warragamba–Prospect water pipeline to the north, Ferrers Road to the east, bushland and structures to the south and bushland to the west.
1978 Colour	The 1978 photograph indicates that the site appeared to be occupied by the existing site buildings and stored materials with the exception of a vacant/grassed area in the vicinity of the existing detention basin.
	Surrounding Land Use: No significant changes were observed surrounding the site since the 1947 photograph.
1986	No significant changes were observed since the 1978 photograph.
Colour	Surrounding Land Use: The 1986 photograph indicates that the area in the vicinity of the existing detention basin appeared to have been excavated and used to store materials. No other significant changes were observed surrounding the site since the 1978 photograph.
2004	No significant changes were observed since the 1986 photograph.
Colour	Surrounding Land Use: The 2004 photograph indicates that the existing detention basin appeared to have been significantly excavated and partially filled with water. The areas surrounding the basin appeared to have been used to
	stockpile soil/material. The area to south appeared to have been cleared of bush and used entirely for road infrastructure and stockpiles.
2009	No significant changes were observed since the 2004 photograph.
Colour	Surrounding Land Use: No significant changes were observed to the north, east and south of the site since the 2004 photograph with the exception that the southern portion of the detention basin appeared to have been filled with new stockpile soil/material.
2017	No significant changes were observed since the 2009 photograph.
Colour	Surrounding Land Use: No significant changes were observed to the north, east and south of the site since the 2009 photograph.

3.4 Heritage Significance

Information relating to the site was accessed online at the Heritage Council of NSW webpage on 26 September 2018. The site is not listed as being of significance.



3.5 NSW EPA Records

Search of the NSW EPA's public register under the Protection of the Environment Operations Act 1997 (POEO Act) was under taken (**Appendix E**). The search for the site identified several notices for Licence No.546 under Section 55 of the POEO Act, for the following activities:

- Scheduled Activities include: Ceramic Works; Crushing; Grinding or Separating;
 Extractive Activities; and Mining for Minerals.
- Fee Based Activities include: Ceramic waste generation, Ceramics production, Crushing, grinding or separating, Land-based extractive activity and Mining for minerals.

A search was also conducted through the EPA's public contaminated land register (**Appendix E**). The search did not identify any current or previous records of notices by the EPA, or notification to the EPA under Section 60 of the Contaminated Land Management Act 1997 (CLM Act.), in relation to the site or immediately surrounding land.

3.6 Planning Report

The planning report applicable to Lot 7 in DP 1059698 indicates that there are no matters arising under Section 59(2) of the *Contaminated Land Management Act 1997* (Act), as follows:

- The land **is NOT** significantly contaminated land (or part of the land) within the meaning of the Act at the date when the certificates were issued.
- The land **is NOT** the subject to a management order within the meaning of the Act at the date when the certificates were issued.
- The land **is NOT** the subject of an approval voluntary management proposal within the meaning of the Act at the date when the certificates were issued.
- The land is NOT the subject of an ongoing maintenance order within the meaning of the Act at the date when the certificates were issued.
- The land **is NOT** the subject of a site audit statement within the meaning of the Act at the date when the certificates were issued.



3.7 Dangerous Goods Search

A search of the Stored Chemical Information Database (SCID) and the microfiche records held by NSW WorkCover was conducted to identify the presence of dangerous goods storage licences held for the site.

The search identified Licence 35/017089 relating to the storage of dangerous goods including some underground fuel storage tanks (USTs) at the adjacent Brickworks Plan No 1. However, the records were not considered to impact the subject site at Brickworks Plan No 2. The search results are presented in **Appendix F**.



4. Potentially Sensitive Receptors

Identified sensitive receptors of contamination potentially sourced from the site are as follows:

- Shallow groundwater present in the fill materials (if any) and natural soils that may be present on the site and deeper groundwater present in the underlying bedrock;
- Surrounding industrial and/or commercial land uses and residential dwellings, which include access to soils for construction, gardening or potentially growing vegetables;
- Parks, recreational open space including the parks and playing fields within the vicinity of the site;
- Fauna and flora reserves in the area within the vicinity of the site;
- Onsite workers: Persons who frequently work at or visit the site who may potentially be exposed to contaminated soils and water, particularly in unsealed areas of the site;
- Sub-surface maintenance workers: Persons, such as workers or visitors to the site or surrounding properties who have access to soils or groundwater; and
- Surface water bodies: The nearest surface water body is the Prospect Reservoir located approximately 400 m east of the site.



5. Conclusions

Based on the findings of this PESI the following conclusions are provided:

- Prior to the current layout the site appeared to have comprised mainly vacant crown land until the 1890's and pasture land from then until the 1940's. Building structures are likely to have occupied portions the site since sometime in the 1940's;
- The site has been used as commercial/industrial land since the 1960's. No significant changes were observed over the last 50 years, since operated by Austral Bricks from the 1960's to the current the period;
- Given that no evident sources of mobile contamination could be visually identified on site, it is considered that potential contaminants associated with past and present land uses are minimal. However, The power transformers associated with the substation immediately east of the production building are considered to be a possible source of potential polychlorinated biphenyl (PCB) contamination. Therefore, special consideration and caution should be given to any proposed demolition and excavation works at the substation;
- The site condition and the past and current site activities described in this PESI indicate a low to moderate potential for significant or gross contamination; and
- Based on the above findings the site subject to this PESI is likely to be suitable for the proposed ongoing commercial/industrial land use, provided that subsurface conditions and any soils to be excavated within the footprint of the substation, as part of the proposed development are assessed appropriately for the presence of potential contamination, prior to disturbance.

These conclusions are made within the limitations of the work, which has been undertaken. A statement of these limitations is included in **Section 7** of this report.



6. References

Australian and New Zealand Environment Conservation Council and National Health and Medical Research Centre (ANZECC & NHMRC) 1992. *Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites* January 1992.

Australian and New Zealand Environment Conservation Council and Agriculture Resource Management Council of Australia and New Zealand (ANZECC/ARMCANZ) 2000. *Australian and New Zealand Guidelines for Fresh and Marine Water Quality*, October 2000.

Department of Mineral Resources (DMR). 1980. *A Guide to the Sydney Basin.* Ed Chris Herbert and Robin Helby.

Department of Mineral Resources (DMR). 1983. *Penrith 1:100,000 Geological Series Sheet 9035*. DMR, Geological Survey of NSW.

Heritage Council of NSW http://www.environment.nsw.gov.au/heritage. Accessed 26 September 2017.

Land and Property Management Authority (LPMA) Spatial Information Exchange (SIX) https://six.lands.nsw.gov.au. Accessed 18 September 2017.

List of Contaminated Sites Notified by NSW EPA http://www.epa.nsw.gov.au/prclmapp/searchregister.aspx. Accessed 26 September 2017.

NEPC, 2013. National Environment Protection (Assessment of Site Contamination) Measure(NEPM) – Schedule B. National Environment Protection Council.

NSW DEC, 2007. *Guidelines for the Assessment and Management of Groundwater Contamination*. NSW Department of Environment and Conservation.

NSW DECC, 2009. Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act. NSW Department of Environment and Climate Change.

NSW EPA, 1995. *Contaminated Sites: Sampling Design Guidelines*. NSW Environment Protection Authority.

NSW OEH, 2011. Contaminated Sites: Guidelines for Consultants Reporting on Contaminated Sites. NSW Office of Environment and Heritage.



7. Limitation Statement

This PESI report has been prepared for the sole purpose of providing further assessment of the condition of soil at the site in accordance with generally accepted consulting practice. No other warranty or guarantee, expressed or implied is made as to the advice indicated in this report.

This report should not be used for any other purpose without our prior written consent. Accordingly, neither LG nor any member or employee of LG accepts responsibility or liability in any way whatsoever for the use of this report for any purpose other than that for which it has been prepared.

This report should not be released to any other party, in whole or in part, without the express written consent of LG. LG accepts no liability or responsibility whatsoever for or in respect of any use or reliance upon this report by any third party.

LG has relied upon and presumed accurate information provided by Austral Brick Company Pty Ltd and/or any third party (or absence thereof) in making the assumptions made in this report. Nothing in this report should be taken to imply that LG has verified or audited any of the information supplied to us other than as expressly stated in this report. We have assumed this information to be both adequate and accurate for the purposes of this report.

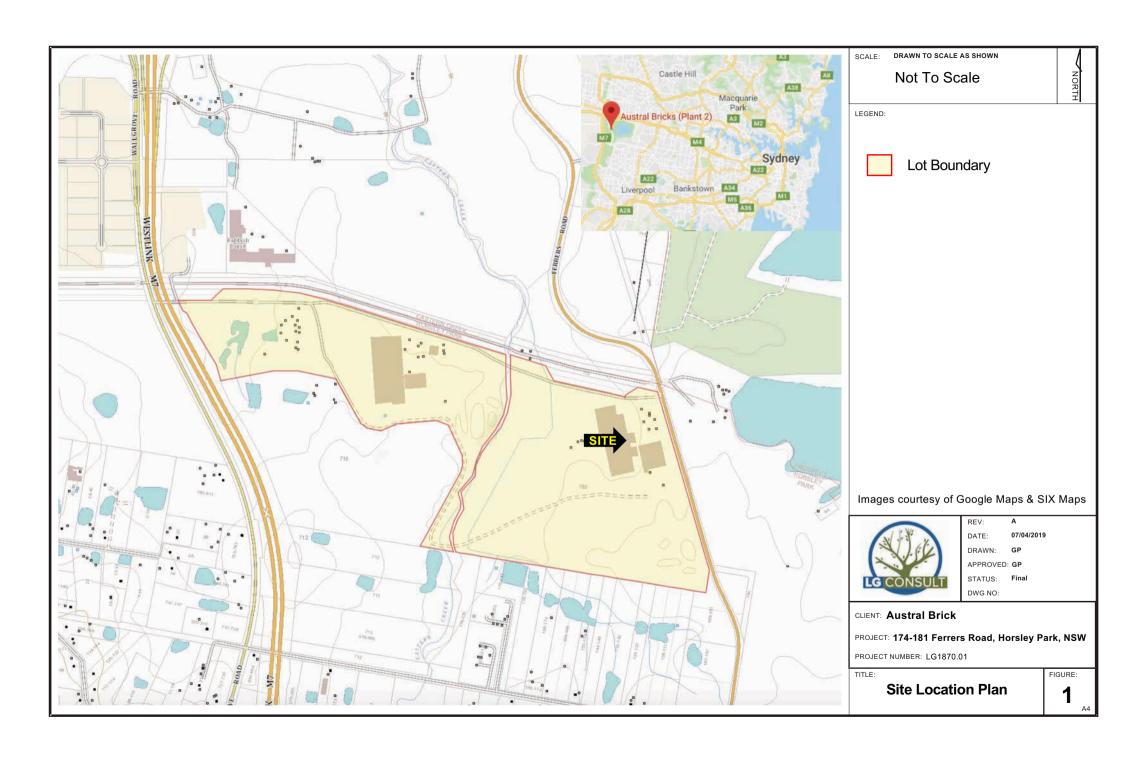
Where findings, observations and conclusions are based solely upon information provided by Austral Brick Company Pty Ltd and/or a third party and LG do not accept, to the maximum extent permitted by law, any liability for any losses, claims, costs, expenses, damages (whether in statute, in contract or tort for negligence or otherwise) suffered or incurred by Austral Brick Company Pty Ltd or any third party as a result of or in connection with LG's reliance on any such the information to the extent that such information is false, misleading or incomplete and LG gives no warranty or guarantee, express or implied as to such findings, observations and conclusions.

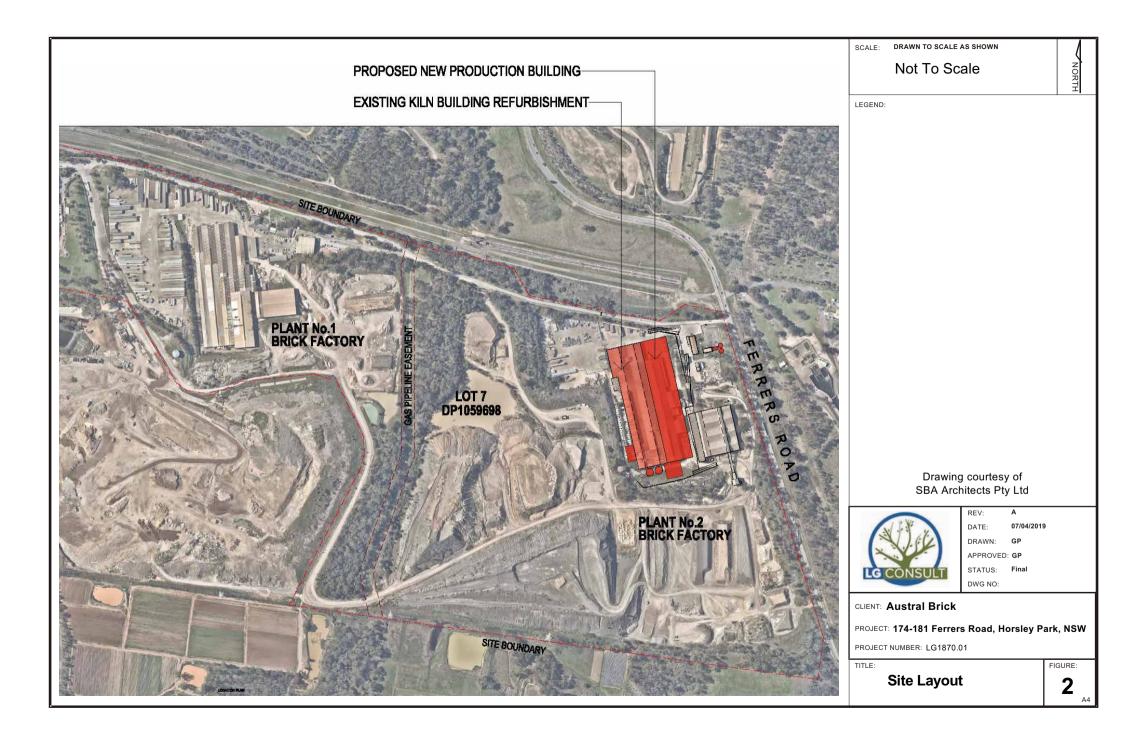
If further information becomes available, or additional assumptions need to be made, LG reserves its right to amend any statements or opinions made in this report.

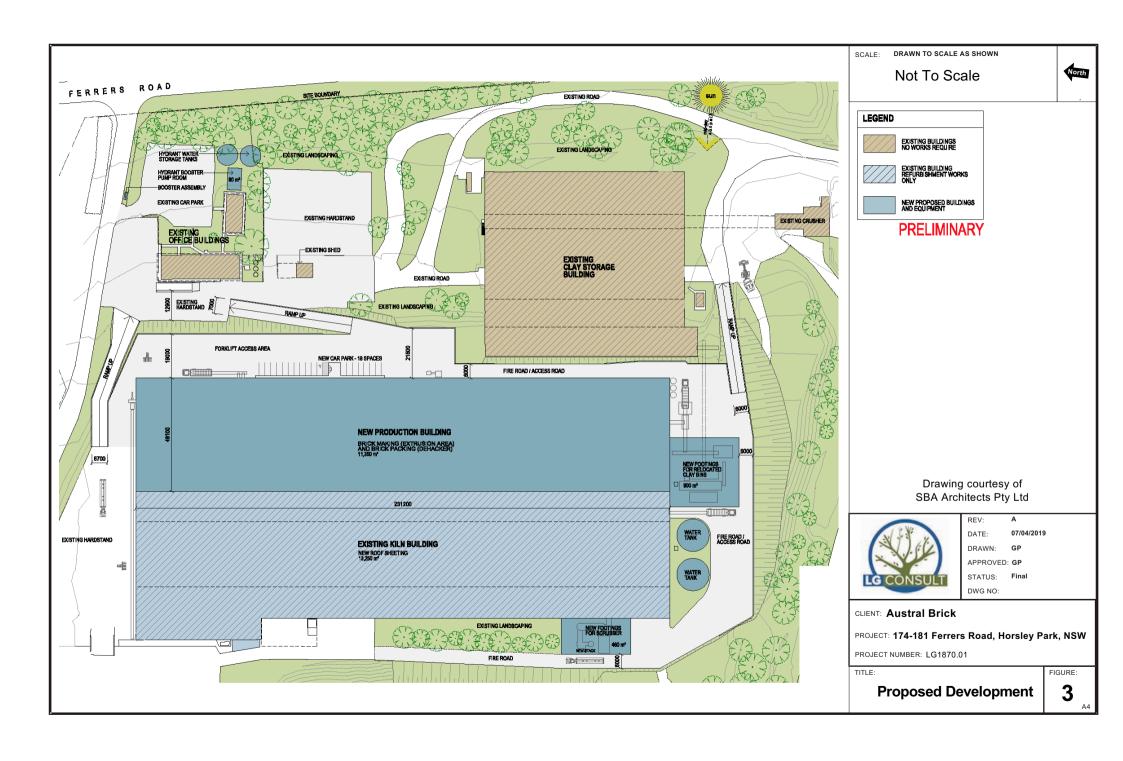
Austral Brick Preliminary Environmental Site Investigation Report 174-181 Ferrers Road, Horsley Park, NSW



Figures









Appendix A - Planning Report



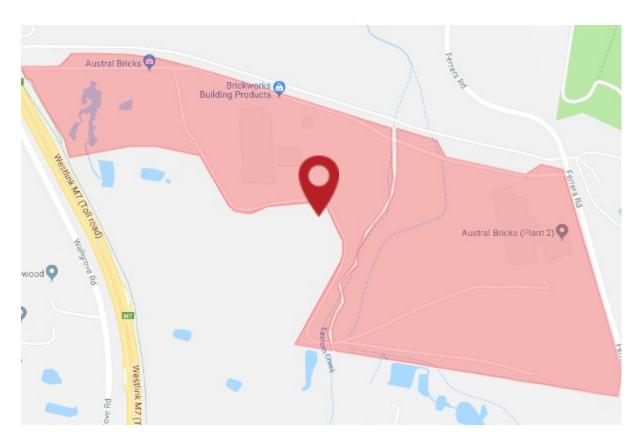
Property Report for 780 Wallgrove Road, Horsley Park, 2175

Property Details

Address: 780 Wallgrove Road, Horsley Park, 2175

Lot/Section/Plan no: 7/-/DP1059698

Council: FAIRFIELD



Council Details

FAIRFIELD CITY COUNCIL

Website http://www.fairfieldcity.nsw.gov.au/

Phone Number 02 9725 0222

Email Address mail@fairfieldcity.nsw.gov.au

Council Address 86 Avoca Road

Wakeley 2176

Planning Controls associated with this property

Bushfire Prone Land

- Vegetation Category 1
- Vegetation Category 2
- Vegetation Category 3
- Vegetation Buffer

Contribution Plans (LGA-Based)

- Fairfield CP 2011 Direct as amended 2 May 2017
- Fairfield CP 2011 Indirect -as amended 9 Nov 2016

Development Control Plans (LGA-Based)

- Fairfield DCP 2004 Bonnyrigg Town Centre as amended 3 Nov 2010
- Fairfield DCP 2011 Prairiewood Town Centre Southern Precinct as amended 31 May 2013
- Fairfield DCP 2013 Citywide Amendment 13
- Fairfield DCP 2013 Fairfield City Centre as amended 25 May 2016
- Fairfield DCP 2013 Fairfield Heights Local Business Centre
- Fairfield DCP 2014 Wetherill Park Market Town, Site Specific Development Development Control Plan PDF
- Fairfield DCP No. 37 2006 Canley Corridor Local Town Centres Canley Vale and Canley Heights Amendment $9\,$
- Fairfield DCP No. 5 2000 Cabramatta Town Centre Amendment 2

Other spatial data associated with this property

Local Government Area

- Fairfield

Suburbs

- Horsley Park



State Environmental Planning Policies which apply at 780 Wallgrove Road, Horsley Park, 2175

State Environmental Planning Policy (Building Sustainability Index: BASIX) 2004 : (pub. 2004-06-25)

State Environmental Planning Policy (Infrastructure) 2007: (pub. 2007-12-21)

State Environmental Planning Policy (Miscellaneous Consent Provisions) 2007: (pub. 2007-09-28)

State Environmental Planning Policy No 1-Development Standards: (pub. 1980-10-17)

State Environmental Planning Policy No 33-Hazardous and Offensive Development: (pub. 1992-03-13)

State Environmental Planning Policy No 36-Manufactured Home Estates: (pub. 1993-07-16)

State Environmental Planning Policy No 50-Canal Estate Development: (pub. 1997-11-10)

State Environmental Planning Policy No 55-Remediation of Land: (pub. 1998-08-28)

State Environmental Planning Policy No 62-Sustainable Aquaculture: (pub. 2000-08-25)

State Environmental Planning Policy No 65-Design Quality of Residential Apartment Development: (pub. 2002-07-26)

State Environmental Planning Policy No 70-Affordable Housing (Revised Schemes): (pub. 2002-05-01)

State Environmental Planning Policy (Vegetation in Non-Rural Areas) 2017: Subject Land (pub. 2017-08-25)

State Environmental Planning Policy (Western Sydney Parklands) 2009: (pub. 2009-03-06)

Sydney Regional Environmental Plan No 20-Hawkesbury-Nepean River (No 2-1997): Sub Catchment Boundaries (pub. 1997-11-07)

Sydney Regional Environmental Plan No 20-Hawkesbury-Nepean River (No 2-1997): (pub. 1997-11-07)





Appendix B – Registered Groundwater Bore Search



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State Overview

State Overview

Rivers and Streams

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Daily River Reports

■ Daily River Reports

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All Groundwater Site details

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 - Hunter Region Greater Sydney R...
 - Hawkesbury Ri... Georges Rive...
 - Wollongong Ba...
 - **⊞** South Coast Regi...
 - Northwest Region
 - Central West Regi...
 - **⊞** Southwest Region
 - **⊞** Far West Region
 - Great Artesian Ba... **⊞** Coal Basins

Meteorology

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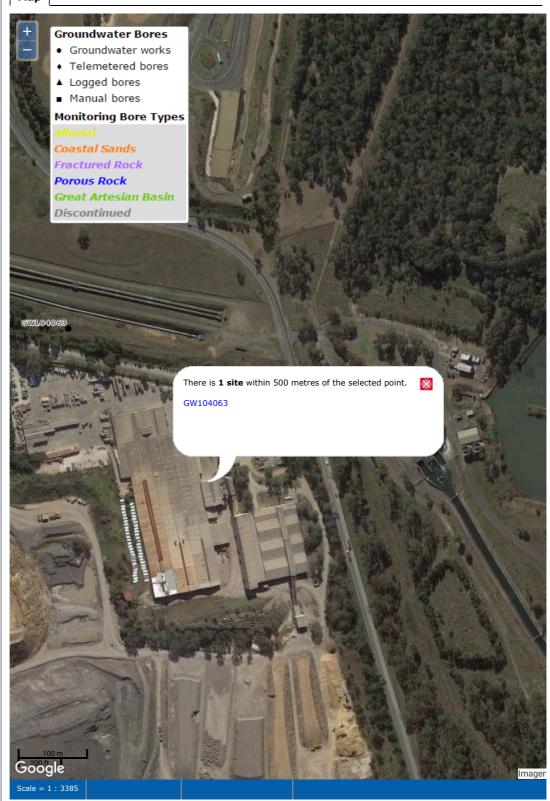
glossary and metadata

All Groundwater Site Details » All Groundwater Map » Greater Sydney Region bookmark this page

Georges River Basin

All data times are Eastern Standard Time

Мар



WaterNSW Work Summary

GW104063

Licence: Licence Status:

Authorised Purpose(s): Intended Purpose(s): MONITORING BORE

Work Type: Bore Work Status: Construct.Method: Rotary Owner Type:

Final Depth: 27.40 m Drilled Depth: 27.40 m Commenced Date: Completion Date: 23/08/2001

Contractor Name: INTERTEC DRILLING SERVICES

Driller: William Crump

Assistant Driller:

Property: GWMA: Standing Water Level (m): Salinity Description: Yield (L/s): GW Zone:

Site Details

Site Chosen By:

County
Form A: CUMBERLAND Parish MELVILLE Cadastre LT 1 DP 206617

Region: 10 - Sydney South Coast CMA Map:

Grid Zone: River Basin: - Unknown Scale:

Area/District:

Northing: 6255343.000 Easting: 302689.000 Elevation: 0.00 m (A.H.D.) Latitude: 33°49'25.5"S Elevation Source: Unknown Longitude: 150°52'04.7"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

Hole	Pipe	Component	Туре	From (m)	To (m)		Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	5.60	159			Rotary Air
1		Hole	Hole	5.60	27.40	114			Down Hole Hammer
1		Annulus	Waterworn/Rounded	8.00	27.40				Graded
1	1	Casing	P.V.C.	0.00	5.60	140	130		Seated on Bottom
1	1	Casing	Pvc Class 18	1.00	8.40	60			
1	1	Opening	Screen	8.40	26.40	60		0	PVC Class 18, Screwed, A: 0.50mm
1	1	Casing	P.V.C.	26.40	27.40	60	50		Seated on Bottom

Drillers Loa

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.00	3.00	BROWN CLAY	Clay	
3.00	5.00	2.00	GREY CLAY	Clay	
5.00	6.00	1.00	BROWN SHALE	Shale	
6.00	27.40	21.40	GREY SHALE	Shale	



Appendix C – Certificates of Title



CERTIFICATE OF TITLE

REAL PROPERTY ACT, 1900



	RRENS TITLE THE TO FOLIO OF THE REGISTER D59698
EDILIOS	DATE OF ISSUE
1	2/9/2004
	X-44-YGVI

I certify that the person described in the First Schedule is the registered proprietor of an estate in fee simple (or such other estate or interest as is set forth in that Schedule) in the land within described subject to such exceptions, encumbrances, interests and entries as appear in the Second Schedule and to any additional entries in the Folio of the Register.

REGISTRAR GENERAL

LAND

LOT 7 IN DEPOSITED PLAN 1059698

AT HORSLEY PARK

LOCAL GOVERNMENT AREA: FAIRFIELD

PARISH OF MELVILLE COUNTY OF CUMBERLAND PARISH OF PROSPECT COUNTY OF CUMBERLAND

TITLE DIAGRAM: DP1059698

FIRST SCHEDULE

THE AUSTRAL BRICK COMPANY PROPRIETARY LIMITED

SECOND SCHEDULE

- 1. RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2. F773158 COVENANT AFFECTING THE PART SHOWN SO BURDENED IN THE TITLE DIAGRAM.
- 3. F933525 COVENANT AFFECTING THE PART SHOWN SO BURDENED IN THE TITLE DIAGRAM.
- 4, J259850 EASEMENT FOR TRANSMISSION LINE AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM

2412151 EASEMENT VESTED IN THE NEW SOUTH WALES ELECTRICITY TRANSMISSION AUTHORITY

- 5. M878297 EASEMENT FOR TRANSMISSION LINE AFFECTING THE
- PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM

 6. P684373 EASEMENT FOR PIPELINE AFFECTING THE PART SHOWN AS
- 7. DP235478 RIGHT OF CARRIAGEWAY AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- 8. EXCEPTING THEREOUT THE BED OF EASTERN CREEK
- 9. DP1042225 RIGHT OF CARRIAGEWAY 20 METRE(S) WIDE AFFECTING
 THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
 DP1072440 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT
 9 IN DP1059698
- 10. DP1072440 RESTRICTION(S) ON THE USE OF LAND 30.48 WIDE
- 11. AA886006 COVENANT

END OF PAGE 1 CONTINUED OVER



Cadastral Records Enquiry Report

Identified Parcel: Lot 7 DP 1059698

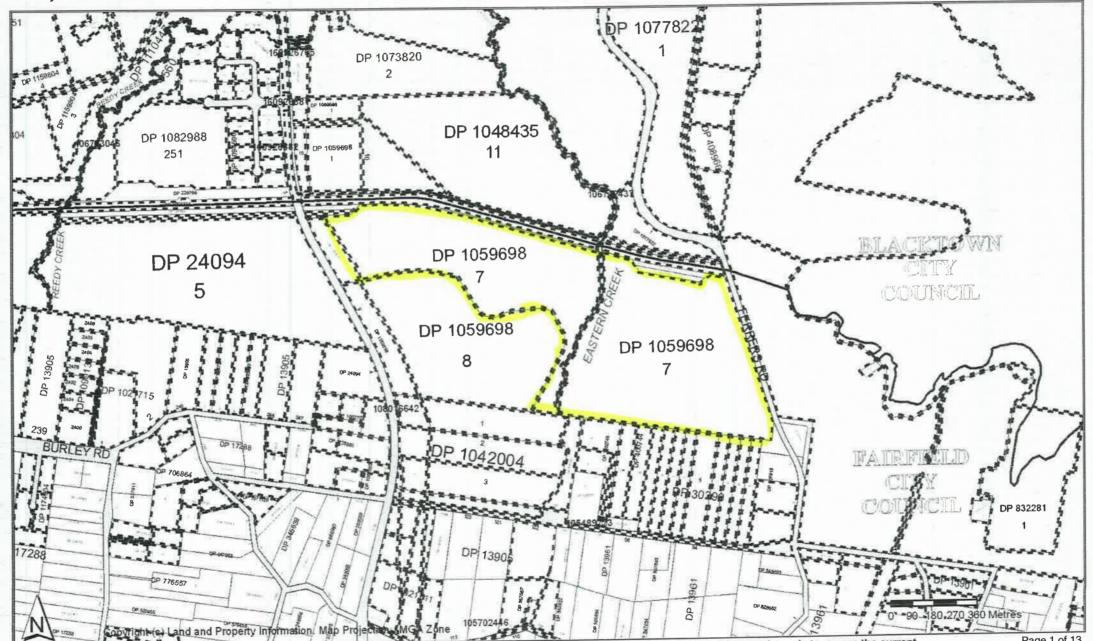
Parish: PROSPECT

Requested Parcel: Lot 7 DP 1059698

LGA: FAIRFIELD

County: CUMBERLAND

Ref: BOX 97 - HORSLEY PARK



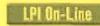
Report Generated 10:32:22 AM, 18 February, 2015 Copyright © Land and Property Information ABN: 84 104 377 806

This information is provided as a searching aid only. While every endeavour is made to ensure the current cadastral pattern is accurately reflected, the Registrar General cannot guarantee the information provided. For all ACTIVITY PRIOR to SEPT 2002 you must refer to the RGs Charting and Reference Maps.

Page 1 of 13



Advance Legal Searchers Pty Ltd Phone: 02 9644 1679



Advance Legal Searchers Pty Ltd 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.

Information provided through Tri-Search an approved LPINSW Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 7/1059698

SEARCH DATE	TIME	EDITION NO	DATE
	+14.44		
17/2/2015	10:55 PM	1	2/9/2004

LAND

LOT 7 IN DEPOSITED PLAN 1059698

AT HORSLEY PARK

LOCAL GOVERNMENT AREA FAIRFIELD

PARISH OF MELVILLE COUNTY OF CUMBERLAND
PARISH OF PROSPECT COUNTY OF CUMBERLAND
TITLE DIAGRAM DP1059698

FIRST SCHEDULE

THE AUSTRAL BRICK COMPANY PROPRIETARY LIMITED

SECOND SCHEDULE (16 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 F773158 COVENANT AFFECTING THE PART SHOWN SO BURDENED IN THE TITLE DIAGRAM.
- 3 F933525 COVENANT AFFECTING THE PART SHOWN SO BURDENED IN THE TITLE DIAGRAM.
- 4 J259850 EASEMENT FOR TRANSMISSION LINE AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
 - 2412151 EASEMENT VESTED IN THE NEW SOUTH WALES ELECTRICITY TRANSMISSION AUTHORITY
- 5 M878297 EASEMENT FOR TRANSMISSION LINE AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- 6 P684373 EASEMENT FOR PIPELINE AFFECTING THE PART SHOWN AS
 - PIPELINE EASEMENT ON SHEET 3 DP499004
- * 7 S500577 CAVEAT BY MINISTER ADMINISTERING THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979 AS REGARDS THE PART FORMERLY IN 3/235478
 - 8 DP235478 RIGHT OF CARRIAGEWAY AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- * 9 T149761 CAVEAT BY MINISTER ADMINISTERING THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979 AS REGARDS THE PART FORMERLY IN E/384514
- * 10 T913293 CAVEAT BY MINISTER ADMINISTERING THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979 AS REGARDS THE PART FORMERLY IN 3/235478
- * 11 2328003 CAVEAT BY THE MINISTER ADMINISTERING THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979
- * 12 EXCEPTING THEREOUT THE BED OF EASTERN CREEK
- 13 DP1042225 RIGHT OF CARRIAGEWAY 20 METRE(S) WIDE AFFECTING THE

END OF PAGE 1 - CONTINUED OVER

EIS - Horsley Par

PRINTED ON 17/2/2015

*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.



Advance Legal Searchers
Pty Ltd Phone: 02 9644 1679



FOLIO: 7/1059698

PAGE 2

SECOND SCHEDULE (16 NOTIFICATIONS) (CONTINUED)

PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM DP1072440 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT 9 IN DP1059698

- 14 DP1072440 RESTRICTION(S) ON THE USE OF LAND 30.48 WIDE
- 15 AA886006 COVENANT * 16 AI64704 PROPOSED ACQUISITION PURSUANT TO SECTION 11 LAND ACQUISITION (JUST TERMS COMPENSATION) ACT, 1991 AFFECTING AN EASEMENT.

NOTATIONS

DP641567 NOTE: PLAN OF PROPOSED EASEMENT FOR TRANSMISSION LINE DP1002746 NOTE: PLAN OF PROPOSED EASEMENT FOR CATHODIC PROTECTION PURSUANT TO THE PIPELINES ACT 1967

6601551 NOTE: PIPELINE EASEMENT(S) IN DP1002746 NOW VESTED GAZ 4.2.2000 FOL 705

DP1156446 NOTE: PLAN OF PROPOSED EASEMENT FOR TRANSMISSION LINE 110 WIDE & VARIABLE

DP1175229 NOTE: PLAN OF PROPOSED EASEMENT FOR TRANSMISSION LINE 60 WIDE & VARIABLE

AI276151 NOTE: ENERGY TRANSMISSION EASEMENT COMPRISED WITHIN THE SITE OF THE "PROPOSED EASEMENT TRANSMISSION LINE 60 WIDE AND VARIABLE" AND DESIGNATED (PE) SHOWN IN DP1175229 ACQUIRED FOR THE PURPOSES OF TRANSGRID GAZ. 20.12.2013 FOL. 5976

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

17/2/2015 10:56PM

C.T. Issue
-----LOT RECORDED
FOLIO NOT CREATED

FOLIO CREATED EDITION 1

FOLIO: 7/1059698

First Title(s): OLD SYSTEM
Prior Title(s): 2/1042225

Recorded	Number	Type of Instrument
Recorded	Namber	Type Of Institutent
15/10/2003	DP1059698	DEPOSITED PLAN
2/9/2004	AA886006 🕶	TRANSFER
20/10/2010	DP1156446	DEPOSITED PLAN
16/5/2012	DP1175229	DEPOSITED PLAN
8/8/2013	AH934217	DEPARTMENTAL DEALING
8/1/2014	AI276151	DEPARTMENTAL DEALING
3/3/2014	AI64704	REQUEST

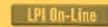
*** END OF SEARCH ***

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Information provided through Tri-Search an approved LPINSW Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

17/2/2015 10:57PM

FOLIO: 2/1042225

First Title(s): OLD SYSTEM

Prior Title(s): 1/206617 3/235478

E/384514

Recorded	Number	Type of Instrument	C.T. Issue
11/7/2002	DP1042225	DEPOSITED PLAN	FOLIO CREATED EDITION 1
15/10/2003	DP1059698	DEPOSITED PLAN	
3/12/2003	AA160005	REQUEST	
31/8/2004	DP1072440	DEPOSITED PLAN	
2/9/2004 2/9/2004 2/9/2004 2/9/2004 2/9/2004 2/9/2004	AA886002 AA886004 AA885998 AA885999 AA886000 AA886001 AA886003	WITHDRAWN - REQUEST UNNECESSARY - REQUEST WITHDRAWAL OF CAVEAT WITHDRAWAL OF CAVEAT WITHDRAWAL OF CAVEAT WITHDRAWAL OF CAVEAT REQUEST	
2/9/2004	AA886006 🛰	TRANSFER	FOLIO CANCELLED

*** END OF SEARCH ***

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PRINTED ON 17/2/2015







Information provided through Tri-Search an approved LPINSW Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

17/2/2015 10:58PM

FOLIO: 1/206617

First Title(s): SEE PRIOR TITLE(S)
Prior Title(s): VOL 9271 FOL 139

Recorded 4/6/1987	Number	Type of Instrument TITLE AUTOMATION PROJECT	C.T. Issue LOT RECORDED FOLIO NOT CREATED
27/5/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
13/4/1994		AMENDMENT: LOCAL GOVT AREA	
7/8/1996	2328003	CAVEAT	
11/2/1999		AMENDMENT: LOCAL GOVT AREA	
25/2/1999 25/2/1999		AMENDMENT: LOCALITY NAME AMENDMENT: TITLE DIAGRAM	
11/7/2002	DP1042225	DEPOSITED PLAN	FOLIO CANCELLED

*** END OF SEARCH ***

EIS - Horsley Par

PRINTED ON 17/2/2015

Req:R031574 /Doc:CT 09271-139 CT /Rev:08-Feb-2011 /Sts:OK.SC /Prt:17-Feb-2015 22:54 /Pgs:ALL /Seq:1 of 2 Ref:ALS /Src:T TIFICATE OF TITLE NEW SOUTH WALES PERTY ACT, 1900, as amended. (For Grant and title reference prior to first edition see Deposited Plan.) 1st Edition issued 17-9-1962. I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown 9271 Witness Registrar-General. WARNING: THIS DOCUMENT MUST NOT PLAN SHOWING LOCATION OF LAND SEE AUTO FOLIO (Page 1) D CERTIFICATE OR ANY NOTIFICATION HEREON E E 933525 BE REMOVED 2lac 2r ALTERING OR ADDING TO THIS FROM 2614 THE LAND 100 ESTATE AND LAND REFERRED TO Estate in Fee Simple in Lot 1 in Deposited Plan 206617 in the Municipality of Blacktown Parish of Melville TITLES and County of Cumberland. PERSONS ARE CAUTIONED AGAINST FIRST SCHEDULE (Continued overleaf) OFFICE. HARRIE DAVIS, of Guildford, Grazier .GRY SECOND SCHETULE (Continued overleaf). 1. Reservations and conditions, if any, contained in the Crown Grant(s) referred to in the said Deposited Registrar General

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR-GENERAL ARE CANCELLED.

			FIRST SCHEDULE (con	ntinued)					1
			REGISTERED PROPRIETOR	NATURE	INSTRUMENT I NUMBEA	I DATE	ENTERED	Signature of Registrar-General	1 0
lle aust	ral Brick	Company	Infrietany Limited	Jasepe	J949583	25.3.1965_	21.4.1961	Soulation	ali
				• 44.4 -4.5- 18.1-5-4.1					9271
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					respondent som]
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			SECOND SCHEDINE (co	ontinued)					-1
	INSTRUMENT		SECOND SCHEDULE (co	entinued)	Signature of Registrar-General		CANCELLATION		
	INSTRUMENT NUMBER POL. 4137267	3. 8. 1968	of land shown Latched black in the flan, being Lot 8 DP 234506 - Section 2766 N.	ENTERED	Signature of Registrar-General	TO THE STATE OF TH	CANCELLATION		NOP.
NATURE Realmeters, floor	1 6	-	PARTICULARS	Lereon Mair	Signature of Registrar-General		CANCELLATION		0
Pestricti	1 6	-	of land shown Latched black in the flan, being Lot 8 DP 234506 - Section 2766 N.	Lereon Mair	Signature of Registrar-General		CANCELLATION		0
Pestricti	1 6	-	of land shown Latched black in the flan, being Lot 8 DP 234506 - Section 2766 N.	Lereon Mair	Signature of Registrar-General		CANCELLATION		0
Peatricti	1 6	-	of land shown Latched black in the flan, being Lot 8 DP 234506 - Section 2766 N.	Lereon Mair	Signature of Registrar-General		CANCELLATION		0

/Prt:17-Feb-2015 22:54 /Pgs:ALL /Seq:2 of

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR-GENERAL ARE CANCELLED FORM No. 184A NOTE: ENTRIES RULED THROUGH A







Information provided through Tri-Search an approved LPINSW Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

17/2/2015 10:59PM

FOLIO: 3/235478

First Title(s): SEE PRIOR TITLE(S)
Prior Title(s): VOL 10730 FOL 47

Recorded		Type of Instrument	C.T. Issue
5/6/1987	******	TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
6/7/1987		AMENDMENT: PARISH-COUNTY	
23/3/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
5/6/1989	Y411360	DEPARTMENTAL DEALING	
13/4/1994		AMENDMENT: LOCAL GOVT AREA	
7/8/1996	2328003	CAVEAT	
29/8/1996	2412151	REQUEST	
20/12/1999	DP1002746	DEPOSITED PLAN	
25/2/2000	6596479	DEPARTMENTAL DEALING	
28/2/2000	6601551	DEPARTMENTAL DEALING	
14/9/2000	7089785	DEPARTMENTAL DEALING	
10/7/2002	8758041	DEPARTMENTAL DEALING	
11/7/2002	DP1042225	DEPOSITED PLAN	FOLIO CANCELLED

*** END OF SEARCH ***

EIS - Horsley Par

PRINTED ON 17/2/2015

NEW SOUTH WALES

FICATE OF TITLE RTY ACT, 1900, as amended.





WARNING:

SIHT

DOCUMENT MUST NOT

BE

REMOVED FROM

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LAND

TITLES OFFICE.

Applications Nos. 13074 and 19307 Prior Title Volume 9271 Folio 140



EH

Edition issued 6-2-1968

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

Witness

1



ESTATE AND LAND REFERRED TO

SEE AUTO FOLIU

Estate in Fee Simple in Lot 3 in Deposited Plan 235478 at Wallgrove in the Municipality of Blacktown Parishes of Melville and Prospect and County of Cumberland being the lands granted by the Crown Grants set out in the Schedule hereunder. EXCEPTING THEREOUT the bed of Eastern Creek shown in the plan hereon.

SCHEDULE OF GRANTS.

Number of Portion	Name of Grantee	Date of Grant.
Pt.34 Pt.36 Pt.37 Pt.38 Pt.39 Pt.79 Pt.222	Iseac Mason William Bowman George Bowman Andrew Thompson Julia McNally Samuel Terry Thomas Howard	17 - 8 - 1819 17 - 8 - 1819

FIRST SCHEDULE (continued overleaf)

THE AUSTRAL BRICK COMPANY PROPRIETARY LIMITED.

Registrar General.

SECOND SCHEDULE (continued overleaf)

1. Reservations and conditions, if any, contained in the Crown Grants above referred to. RW 2. Right of Way created by Transfer No. Col8416 appurtenant to that part of the

land above described in the Parish of Prospect affecting the piece of land shown as "Right of Way in C218416" in plan hereon.

3. Covenant created by Transfer No.F773158 affecting part.

Easement for Transmission Line created by Notice of Resumption No.J259850 affecting the part of the land shove described shown as "Francest for Transmission Line created by Notice of Resumption No.J259850 affecting the part of the land shove described shown as "Francest for Transmission Line created by Notice of Resumption No.J259850 affecting the part of the land shove described shown as "Francest for Transmission Line created by Notice of Resumption No.J259850".

affecting the part of the land above described shown as "Easement for Transmission

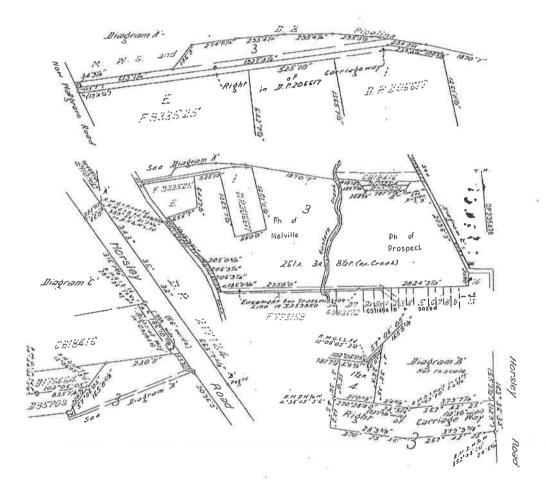
affecting the part of the land above described line in J259850" in plan hereon.

Line in J259850" in plan hereon.

Right of Carriageway affecting the part of the land above described 12 feet 12 inches wide and 12 feet 32 inches wide shown in plan hereon created by the registration of Deposited Plan 235478? See K920896.

Registrar General.

GRY



				FIRST SCHEDULE (continued)						Walter
				REGISTERED PROPRIETOR	NATURE	INSTRUMENT NUMBER) DATE	ENTERED	Signature of Registrar General	10 30/
					RATURE	Norther	DATE		Registrar General	1.27
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										P684373
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				SECOND SCHEDULE (continued)						791320
-		INSTRUMENT NUMBER		PARTICULARS	ENTERED	Signature of Registran General		CANCELLATION		-
NA.	TURE I	NUMBER	DATE	PARTICULARS	1	Registran General		1	7	-}
Resi	Teretion	4137267	8.3.1968	of land shows hatched black in the plan hereard		N				T 8
5mf	SALES SALES OF THE		yarana - Isaa	being lots 72-d 10 DP 234606 - Section 2766)						
				Main Roads Oct 1924-1967	17.10.1968	Sandation				-
1-an	alex_	M878297P	21-8-972	Easement for Iranomission line as more fully set						
	7			out in the said make out of feeling they part of the	_					-
				land within described shown as "Proposed Easement						-
				for transmission time 30' wide ? Jarolla widel in		Laution				
000	Tink:	P6843739	N-1-70	Ecement her Replye affecting part of the land	_ 23-10-1972	-0				Wigremie:
11/4	marion	10072121		within described shown as Thornes Essent						1 Aus
				24.385 metres wide, on sheet 3-DP 499004.	2-6-1976	andalicoteres.				1/1
			PROCESS OF STREET	The vesting is limited to a depth of 20 metres below the surface						Reg. Ge
95005	77 P Caves	t har Minist	or Administs	ring the Environmental Planning and Assessment Act, 1979.	Registered				****	15-11-19
.5,005	4-6-1					6	were te m			
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J9132	A THE RESERVE AND ASSESSED.	2-1983	ocennomic vi			10				

	REGISTERED PROPRIETOR		INSTRUMENT		ENTERED	Signaturo Registrar Ger
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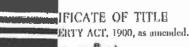
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NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED

NEW SOUTH WALES

(For Grant and title reference prior to first edition see Deposited Plan.)







Vol.

2271 Fol. 140

CANCELLS

1st Edition issued 17-9-1962.

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

Witness

Fol

OR ANY NOTIFICATION HEREON

OR ADDING TO THIS CERTIFICATE

ALTERING

PERSONS ARE CAUTIONED AGAINST

latas Régistrar-General.



WARNING: THIS DOCUMENT MUST NOT

BE

REMOVED

FROM

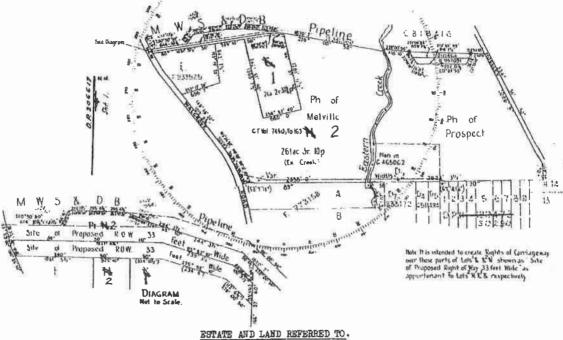
THE

LAND

TITLES

OFFICE

PLAN SHOWING LOCATION OF LAND



Estate in Fee Simple in Lot 2 in Deposited Plan 206617 in the Municipality of Blacktown Parishes of Melville and Prospect and County of Cumberland excepting thereout that part of the bed of Eastern Creek shown in the plan hereon.

FIRST SCHEDULE (Continued overleaf)

HARRIE-DAVIS, (E) Mildford, Gracier

strar General

SECOND SCHEDULE (Continued overleaf)

- 1. Reservations and conditions, if any, contained in the Crown Grant(s) referred to in the said Deposited
- 2. Hight of way created by Transfer No. C818416 appurtenant to that part of the land above described in the Parish of Prospect affecting the piece of land shown as right of access 20 feet wide in plan lodged with Transfer No. C818416.
- 3. Covenant created by Transfer No. F773158 affecting part.

Registrar General.

70928, I 62 ST 1509 V. C. N. BLIGHT, GOVERNMENT PRINTER

FIRST SCHEDUL	E (continued)				
REGISTERED PROPRIETOR	NATURE	INSTRUMENT 1 NUMBER	I DATE	ENTERED	Signature of Registrar-Gen
The Austral Brick Company Proprietary Limited.	Iransfer	₹H885308	28 9 1962	29-10-1962	Lucia
This deed is cancelled as to all all all all all all all all all al				58	
OLACE TEA Plan No. 354 Man follows:	=		1		
1.01. 3.2.4 Vol. 10.730 Pol.4. 3.43 responsively		To be considered and	-		
fariation (15)				IZ	5.5
REGISTRAL OFFICE	ų.	1			
28.2					

	AL APPROXIMATE OF		SECOND SCHEDULE (continued)	ENTERED	Signature of Registrar-General	CANCELLATION	
NATURE	INSTRUMENT	DATE	PARTICULARS		Regultar-General	i	
suntin cortuge	5259850 5264924 K920896	29_10 1962	Easing to for transmission have afficing the person found about by broken line and variable nighth in the flan incom. Climated. Lite towns and Parties of Company of Lydney Principal. Interests created pursuant to Section 838 Conveyancing Act, 1919,	12 3-1964 12-3-1964		Lackengel - K 714566	
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Information provided through Tri-Search an approved LPINSW Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

17/2/2015 11:00PM

FOLIO: E/384514

First Title(s). SEE PRIOR TITLE(3) Prior Title(s): VOL 6761 FOL 30

Recorded Number Type of Instrument

C.T. Issue

2/9/1989

TITLE AUTOMATION PROJECT

LOT RECORDED

FOLIO NOT CREATED

9/7/1997

CONVERTED TO COMPUTER FOLIO

FOLIO CREATED

CT NOT ISSUED

9/4/2001

7532548

DEPARTMENTAL DEALING

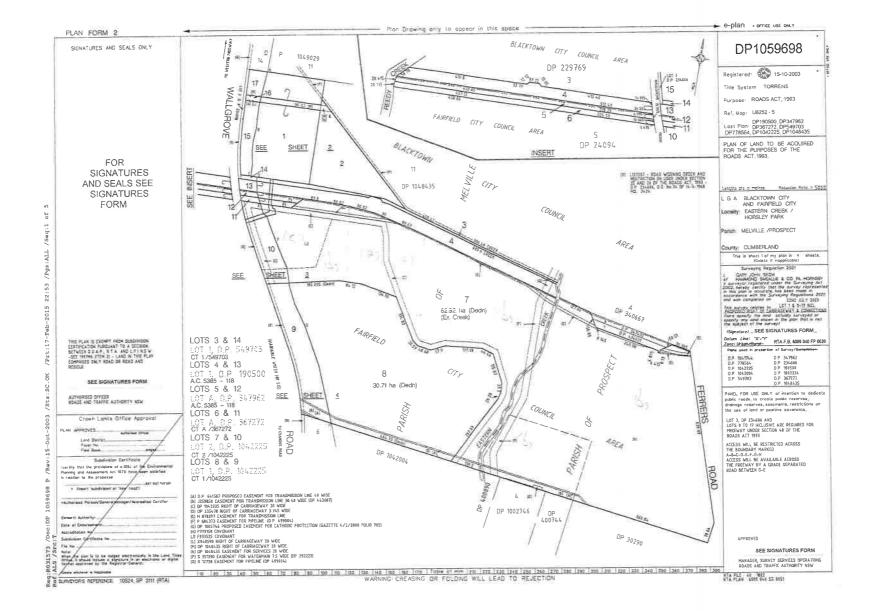
11/7/2002 DP1042225 DEPOSITED PLAN

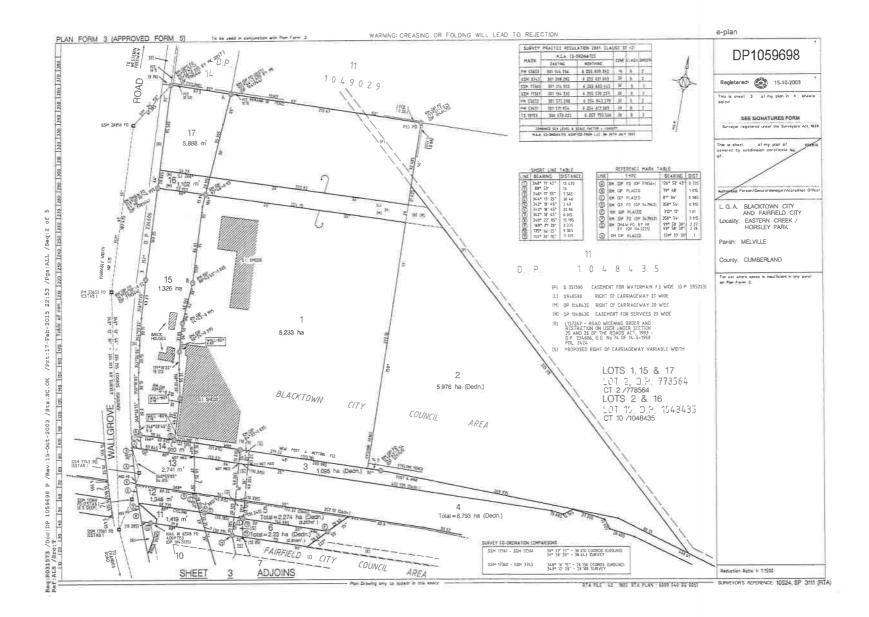
FOLIO CANCELLED

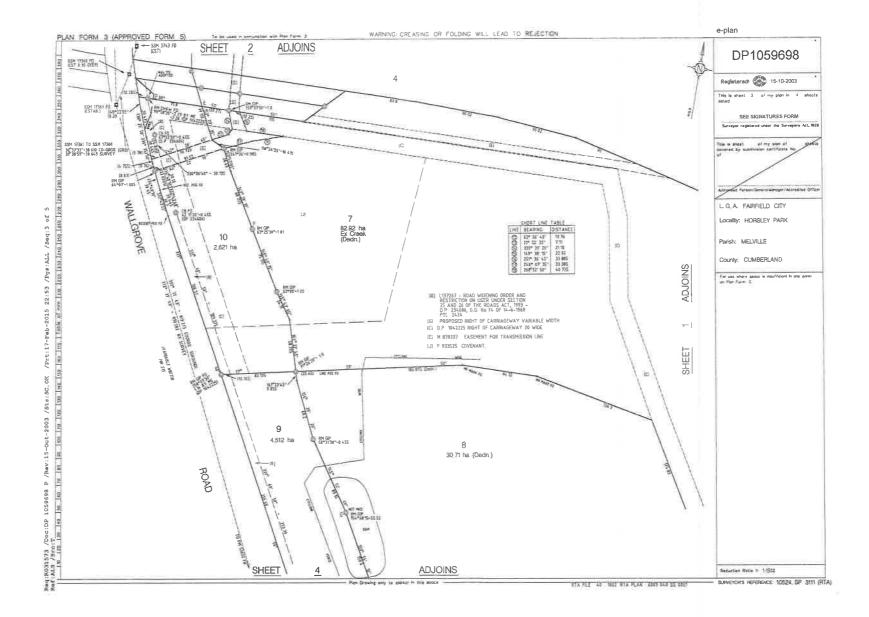
*** END OF SEARCH ***

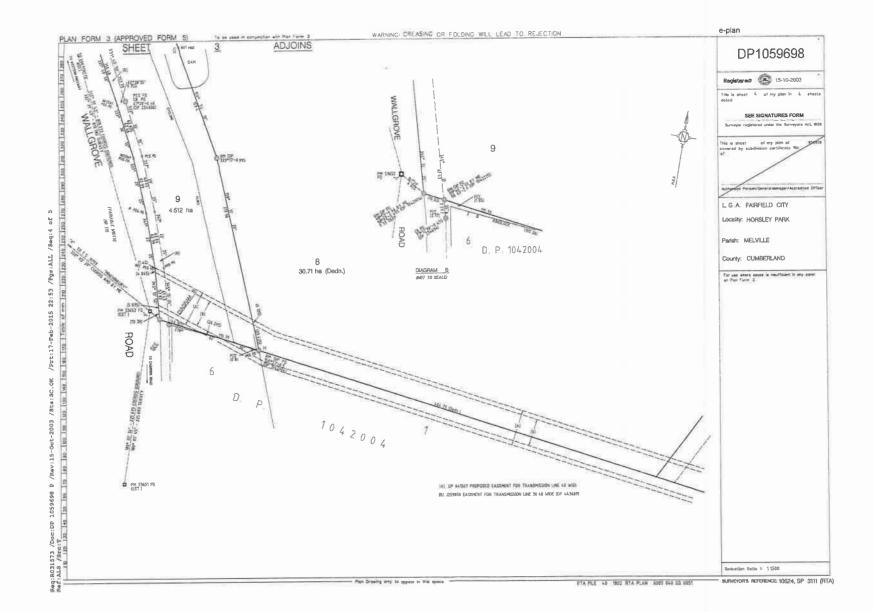
EIS - Horsley Par

PRINTED ON 17/2/2015









Req:R031573 /Doc:DP 1059698 P /Rev:15-Oct-2003 /Sts:SC.OK /Prt:17-Feb-201 Ref:855/pgrall /Seq:5 of 5

CERTIFICATES, SIGNATURES AND SEALS Sheet 1 of 1 sheet(s) PLAN OF LAND TO BE ACQUIRED FOR THE PURPOSES OF THE ROADS ACT, 1993. DP1059698 Registered: 15-10-2003 SIGNATURES, SEALS and STATEMENTS of Intention Surveying Regulation 2001 to dedicate public roads or to create public reserves I, GARY JOHN SKOW. and drainage reserves. of HAMMOND SMEALLIE & CO. P/L, HORNSBY... a surveyor registered under the Surveying Act 2002, certify that the survey represented in this plan is accurate, has been made in accordance with the Surveying Regulation 2001 and was completed on:...22-07-2003. The survey relates to LOTS 1 AND 9 TO 17 INCLUSIVE. PROPOSED RIGHT OF CARRIAGEWAY & CONNECTIONS... (specify the land actually surveyed or specify any land shown in the plan that is not the subject of the survey) .Dated: 22MO Signature .. r fighstered under the Surveying Act 2002 Datum Line: "X"-"Y"..... Type: Urban/Rural Department of Lands Approval in approving this plan certify (Authorised Officer) that all necessary approvals in regard to the allocation of the land shown hereon have been given Signature:.... File Number Office THIS PLAN IS EXEMPT FROM SUBDIVISION **CERTIFICATION PURSUANT TO A DECISION** Subdivision Certificate BETWEEN DUAP, RTA & LPI NSW - SEE 1997 I certify that the provisions of s.109J of the Environmental Planning M6 (Item 2). LAND IN THIS PLAN COMPRISES and Assessment Act 1979 have been satisfied in relation to: ONLY ROAD OR ROAD AND RESIDUE. the proposed. set out herein (insert 'subdivision' or 'new road') **AUTHORISED OFFICER** Authorised Person/General Manager/Accredited Certifier ROADS AND TRAFFIC AUTHORITY, NSW Consent Authority: Date of Endorsement: APPROVED: Accreditation no: ... Subdivision Certificate no; File no: MANAGER, SURVEY SERVICES **OPERATIONS** ROADS AND TRAFFIC AUTHORITY, NSW When the plan is to be lodged electronically in Land and Property Information, it should include a signature in an electronic or digital Use PLAN FORM 6A for additional format approved by the Registrar-General, Delete whichever is Inapplicable. certificates, signatures and seals

SURVEYOR'S REFERENCE: 10524 CHECKLIST SP3111 (RTA) R.T.A. FILE: 40.1802 R.T.A. PLAN: 6009 040 SS 0051



Appendix D - Historical Aerial Photographs



SCALE: DRAWN TO SCALE AS SHOWN

Not To Scale

LEGEND:

Photograph courtesy of NSW Land and Property Information



V: **A**

DATE: **07/04/2019**DRAWN: **GP**

APPROVED: GP

STATUS: Final DWG NO:

5....

CLIENT: Austral Brick

PROJECT: 174-181 Ferrers Road, Horsley Park, NSW

PROJECT NUMBER: LG1870.01

TITLE:

Aerial Photograph 2004

FIGURE:

A4



SCALE: DRAWN TO SCALE AS SHOWN

Not To Scale

LEGEND:

Photograph courtesy of NSW Land and Property Information



EV: A

DATE: 07/04/2019

DRAWN: GP

APPROVED: GP

STATUS: Final

DWG NO:

CLIENT: Austral Brick

PROJECT: 174-181 Ferrers Road, Horsley Park, NSW

PROJECT NUMBER: LG1870.01

TITLE:

Aerial Photograph 2009 FIGURE:

A4



SCALE: DRAWN TO SCALE AS SHOWN

Not To Scale

LEGEND:

Photograph courtesy of NSW Land and Property Information



EV: A

DATE: 07/04/2019

DRAWN: GP

APPROVED: GP

STATUS: Final

DWG NO:

CLIENT: Austral Brick

PROJECT: 174-181 Ferrers Road, Horsley Park, NSW

PROJECT NUMBER: LG1870.01

TITLE:

Aerial Photograph 2017

FIGURE:

A4



Appendix E - NSW EPA Search Results

Licence summary

Search Again Return to Previous Page

Summary Licence No: 546

View this licence (PDF document 191 kb)

Licence holder: THE AUSTRAL BRICK CO PTY LTD

Premises: AUSTRAL BRICK, PLANTS 1, 2 & 3.
738-780 WALLGROVE ROAD, HORSLEY PARK, NSW, 2175
LGA: FAIRFIELD Catchment: Hawkesbury

Administrative fee: \$44,555.00

Licence status: Issued

Activity type: Ceramic waste generation

Activity type: Ceramic waste generation
Crushing, grinding or separating
Ceramics production
Mining for minerals
Land-based extractive activity
Complete date 04 Apr 2016
Complete date 13 Apr 2011
Complete date 14 Mar 2006
Complete date 26 Jun 2002
Due date 04 Apr 2021

Pollution incident

management
plan: Last tested 28 Jul 2017
Current
Environmental
Risk Level: Level 1

Applications

<u>Number</u>	Application type	<u>Current status</u>	Date received
<u>143475</u>	s.58 Licence Variation	Withdrawn	26 May 2005
1047092	s.58 Licence Variation	Issued	19 Apr 2005
1127114	s.58 Licence Variation	Issued	11 Mar 2011
<u>1506056</u>	s.58 Licence Variation	Issued	07 Nov 2011
<u>1513128</u>	s.58 Licence Variation	Issued	08 Mar 2013
<u>1516757</u>	s.58 Licence Variation	Issued	28 Aug 2013
<u>1520355</u>	s.58 Licence Variation	Issued	05 Feb 2014
<u>1521153</u>	s.58 Licence Variation	Issued	17 Mar 2014
<u>1524264</u>	s.58 Licence Variation	Issued	25 Jul 2014

For business and industry \square

For local government \square

Contact us

Notices

Number	Issue date	Notice type
1007259	05 Jul 2002	s.58 Licence Variation
1035393	07 Apr 2004	s.58 Licence Variation
1036813	31 May 2004	s.58 Licence Variation
	,	
1047092	28 Apr 2005	s.58 Licence Variation
1050547	02 Sep 2005	s.58 Licence Variation
1057502	17 Aug 2006	s.58 Licence Variation
1073917	19 Jul 2007	s.58 Licence Variation
1079903	19 Nov 2007	s.58 Licence Variation
1103926	12 Oct 2009	s.58 Licence Variation
1127114	06 Jun 2011	s.58 Licence Variation
1506056	16 May 2012	s.58 Licence Variation
1513128	09 Apr 2013	s.58 Licence Variation
1516757	09 Sep 2013	s.58 Licence Variation
<u>1520355</u>	14 Mar 2014	s.58 Licence Variation
1521153	11 Apr 2014	s.58 Licence Variation
1524264	21 Aug 2014	s.58 Licence Variation
1529351	19 Jan 2016	s.58 Licence Variation
1539038	12 Apr 2016	s.58 Licence Variation
1544768	13 Sep 2016	s.58 Licence Variation
1547647	22 Dec 2016	s.58 Licence Variation
1556111	29 Aug 2017	s.58 Licence Variation
1560591	16 Feb 2018	s.58 Licence Variation
1570879	25 Feb 2019	s.58 Licence Variation

Pollution studies and reduction programs

<u>Title</u>	Program type	Start date	Complete date	1
PRP for a trial use of wastewater in the manufacture of bricks	Other	17 May 2012	17 Nov 2013	Conditions
Sulfur Oxide (SOx) Emissions to Air Investigation	Air	14 Jan 2016	29 Nov 2017	Conditions
Scrubber Installation Program	Air	31 Dec 2019		

Annual Returns

Start date	End date	<u>Date</u>	Non-	LBL data
		received	compliance	

31-Oct-2017	30-Oct-2018	21-Dec-2018	Not available
31-Oct-2016	30-Oct-2017	18-Dec-2017 <u>yes</u>	<u>view</u>
31-Oct-2015	30-Oct-2016	09-Jan-2017 <u>yes</u>	<u>view</u>
31-Oct-2014	30-Oct-2015	04-Jan-2016 <u>yes</u>	<u>view</u>
31-Oct-2013	30-Oct-2014	24-Dec-2014 yes	<u>view</u>
31-Oct-2012	30-Oct-2013	31-Dec-2013 No	<u>view</u>
31-Oct-2011	30-Oct-2012	19-Dec-2012 <u>yes</u>	<u>view</u>
31-Oct-2010	30-Oct-2011	19-Dec-2011 <u>yes</u>	view
31-Oct-2009	30-Oct-2010	15-Dec-2010 <u>yes</u>	<u>view</u>
31-Oct-2008	30-Oct-2009	23-Dec-2009 <u>yes</u>	<u>view</u>
31-Oct-2007	30-Oct-2008	24-Dec-2008 <u>yes</u>	view
31-Oct-2006	30-Oct-2007	21-Dec-2007 <u>yes</u>	<u>view</u>
31-Oct-2005	30-Oct-2006	28-Dec-2006 <u>yes</u>	<u>view</u>
31-Oct-2004	30-Oct-2005	29-Dec-2005 <u>yes</u>	<u>view</u>
31-Oct-2003	30-Oct-2004	22-Dec-2004 <u>yes</u>	view
31-Oct-2002	30-Oct-2003	19-Dec-2003 <u>yes</u>	<u>view</u>
31-Oct-2001	30-Oct-2002	24-Dec-2002 <u>yes</u>	<u>view</u>
31-Oct-2000	30-Oct-2001	10-Dec-2001 <u>yes</u>	<u>view</u>
31-Oct-1999	30-Oct-2000	12-Dec-2000 No	<u>view</u>

- □ 131 555 (tel:131555)
- □ 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)
Disclaimer (https://www.epa.nsw.gov.au/about-us/contact-us/website-service-standards/disclaimer)
Privacy (https://www.epa.nsw.gov.au/about-us/contact-us/website-service-standards/privacy) Copyright (https://www.epa.nsw.gov.au/about-us/contact-us/website-service-standards/copyright)

Find us on

Search results

Your search for: Suburb: HORSLEY PARK

did not find any records in our database.

- 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

Search Again Refine Search

Search TIP

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

more search tips

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 <u>section 149 of the Environmental Planning and Assessment Act</u>.

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.

For business and industry \square

1 April 2019

For local government

Contact us

- □ 131 555 (tel:131555)
- □ 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) Disclaimer (https://www.epa.nsw.gov.au/about-us/contact-us/website-service-standards/disclaimer) Privacy (https://www.epa.nsw.gov.au/about-us/contact-us/website-service-standards/privacy) Copyright (https://www.epa.nsw.gov.au/about-us/contact-us/website-service-standards/copyright)

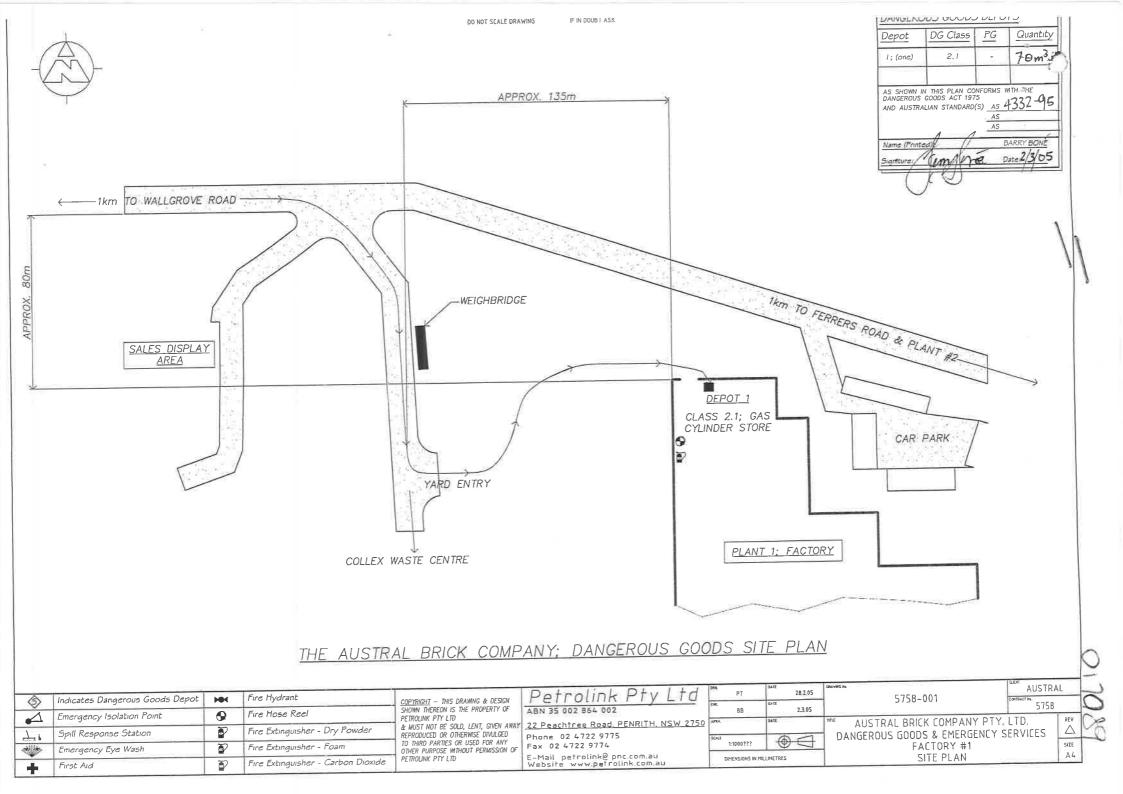
https://au.linkedin.com/company/nsw-environment-protection-authoffly-

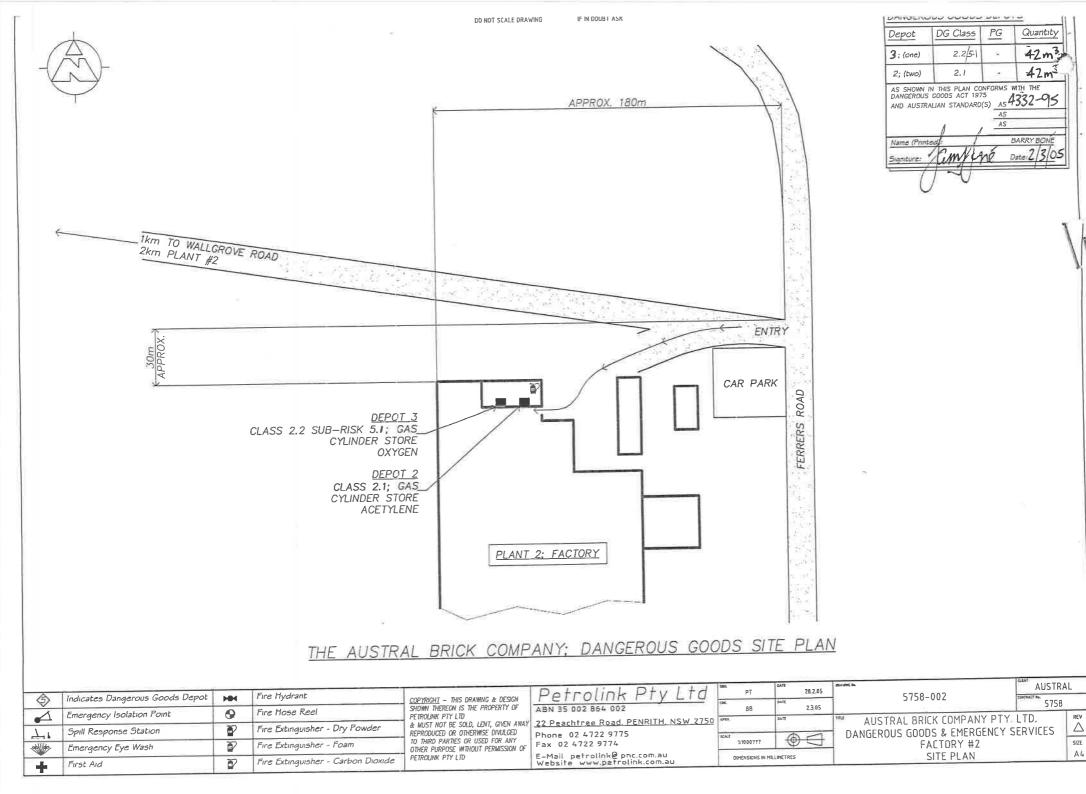
Find us on

MANAGERANE com/channel/L



Appendix F - NSW WorkCover Dangerous Goods Search





PART C - Dangerous Goods Storage Complete one section per depot

If you have more depots than that space provided, photocopy sufficient sheets first

13

PART C - Dangerous Goods Storage Complete one section per depot

If you have more depots than that space provided, photocopy sufficient sheets first

Depot	2-y = 2 // A			Depot				
Number	Type of Depot (s	see page	5)	Class	Maximum S	Storage Ca	pacity	
1	Gas Cylinde	r Store		2.1		80m3		
	•		PG		L	Typical	Unit eg	
UN Number	Proper Shipping Name	Class	(I, II, III)	Product or	Common Name	Quantity	L, kg, m ³	
1001	Acetylene	2.1		Ac	etylene	30	m3	
1072	Oxygen Compressed	2.2/5.1		0	xygen	30	m3	
1006	Argon Compressed	2.2		Arg	joshield	20	m3	
Depot Number	Type of Depot (s	see page !	5)	Depot Class	Maximum S	Storage Ca	pacity	
2	Gas Cylinde	r Store		2.1		42m3		
	Proper Shipping Name	Class	PG (I, II, III)		Common Name	Typical	Unit eg L, kg, m ³	
			(.,,,			Guaritity	L, Ng, III	
1001	Acetylene	2.1		Ac	etylene	42	m3	
1								
							_	
Depot	Towns I Borres			Depot				
Number	Type of Depot (s	see page (5)	Class	Maximum S	Storage Ca	pacity	
3	Gas Cylinde	r Store		2.2		42m3		
UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or	Common Name	Typical	Unit eg L, kg, m ³	
1072	Oxygen compressed	2.2/5.1	(5, 11, 11)		xygen	42	m3	
	, gp	2.2.0.1		0.	vìàcii	44	1113	
-								



Dangerous Goods Licensing ph (02) 4321 5500 fax (02) 9287 5500

Attn:

ROB CAMPBELL

Licensee:

THE AUSTRAL BRICK CO PTY LTD 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 35/017089

Expiry Date 15/01/2005

No. of Depots 9

Licensee Contact ROB CAMPBELL Ph. 9830 7768 Fax. 9830 7807

Premises Licensed to Keep Dangerous Goods PLANT NO 1

THE AUSTRAL BRICK CO PTY LTD WALLGROVE RD WALLGROVE 2164

Nature of Site CLAY BRICK MANUFACTURING

Major Supplier of Dangerous Goods BP

Emergency Contact for this Site SHIFT SUPERVISOR ON DUTY Ph. 9830 7710

Site staffing 24HRS 7DAYS

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	UNDERGROUND TANK	Class 3	30000 L
2	UN 1203 PETROL UNDERGROUND TANK UN 1203 PETROL	Class 3	30000 L 10000 L 10000 L
3	EXEMPT - U/G TANK UN 00C1 DIESEL	Class C1	30000 L 30000 L
4	EXEMPT - U/G TANK UN 00C1 DIESEL	Class C1	10000 L 10000 L
5	EXEMPT - U/G TANK UN 00C1 DIESEL	Class C1	10000 L 10000 L
6	DECANTING CYLINDER(S) UN 1075 PETROLEUM GAS	Class 2.1 SES, LIQUEFIED	190 KG 190 KG
7	CYLINDER STORE UN 1001 ACETYLENE, DIS	Class 2.1	42 M3 42 M3
8	CYLINDER STORE UN 1001 ACETYLENE, DIS	Class 2.1	77 M3 77 M3
DEL-3	ROOFED STORE	Class 6.1	20000 KG

PLEASE RETAIN AS PROOF OF LICENCE Issued by Workcover Authority of New South Wales on 22 December 2004

WorkCover. Watching out for you.



Dangerous Goods Licensing
ph (02) 4321 5500 fax (02) 9287 5500

UN 1564 BARIUM COMPOUND, N.O.S.

10000 KG

PLEASE RETAIN AS PROOF OF LICENCE Issued by Workcover Authority of New South Wales on 22 December 2004

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 – Applica	ant and site in	formation	See page 2 of G	luidance Note	es.
1 Name of applicant		7		000 005 5	50
AUSTRAL BRI		/ L	Suburb/Tow		Postco
2 Postal address of app			WETHERN		185
PO Box 655			WEIRERII	11000	
3 Trading name or site of					
10 7 (10)	ICKS				
4 Contact for licence in Phone	quiries Fax	Name	±1		
9830 7740	9830 7740	MARK	TRUDGETT		=1
	rant				1
5 Previous licence numb	ber (II known)	017089		Secreti numbers de	8
6 Previous occupier (if h	(nown)				
		411			
7 Site to be licensed No	Street				
	WALLGROVE	ROAD	-		
Suburb / Town				stcode	
			,	2164	
LIALL GROVE					
WALLGROVE					
WALLGROVE 8 Main business of site	CERAMICS	MANUFACT			
8 Main business of site			URER		
h	er day 24 M -	F Days p			
8 Main business of site9 Site staffing: Hours por10 Site emergency contains	er day 24 M -	F Days p	URER		
8 Main business of site9 Site staffing: Hours per10 Site emergency containsPhone	er day 24 M -	Days p	er week 7	ON DUTY	
8 Main business of site9 Site staffing: Hours por10 Site emergency contains	er day 24 M -	Days p	urer er week 7	on Duty	
8 Main business of site 9 Site staffing: Hours por 10 Site emergency contains Phone (02) 9830 7710	er day 24 M - 12 Sc+	F Days p - sun Name SHIFT	er week 7	ON DUTY	
8 Main business of site 9 Site staffing: Hours per 10 Site emergency contains Phone (02) 9830 7710	er day 24 M - 12 Sct 2 gerous goods 3 BC	F Days p - sun Name SHIFT	URER er week 7 SUPERVISOR	ВР	
8 Main business of site 9 Site staffing: Hours per 10 Site emergency contains Phone (02) 9830 7710 11 Major supplier of dans 12 If a new site or for any	er day 12 Sect 24 M - 12 Sect 2 gerous goods Beginning to depote	P Days p Name SHIFT C GASES A	er week 7 SUPERVISOR AUSTRALIA of Guidance Notes	ВР	
8 Main business of site 9 Site staffing: Hours per 10 Site emergency contains Phone (02) 9830 7710	gerous goods Bonendments to depote Name of Accredited	P Days p Name SHIFT C GASES A	er week 7 SUPERVISOR AUSTRALIA of Guidance Notes	ВР	

Please send your application, marked CONFIDENTIAL, to: Dangerous Goods Licensing, WorkCover NSW, Level 2, GPO Box 5364, SYDNEY NSW 2001

MARK

Indgett



WorkCover, New South Wales, 400 Kent Street, Sydney 2000. Telephone 9370 5000. ALL MAIL TO LOCKED BAG 10, CLARENCE STREET SYDNEY 2000.

Licence No. 35/017089

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 35/017089 to 17/10/1999. I confirm that all the licence details shown below are correct (amend if necessary).

for: AUSTRAL BRICK CO P/L

CATHY INGLIS 12/10/98
(Please print name) (Date signed)

Enquiries: ph (02) 9370 5187

fax (02) 9370 6105

VORKCOVER

NEW SOUTH WALES

THIS SIGNED DECLARATION SHOULD BE RETURNED TO:

WorkCover New South Wales

Dangerous Goods Licensing Section (Level 3)

Locked Bag 10

CLARENCE STREET SYDNEY 2000

Details of licence on 18 September 1998

Licence Number 35/017089

Expiry Date 17/10/1998

Licensee

AUSTRAL BRICK CO P/L

ACN 000 005 550

on 29/1/99 Exp date 17/10/99

SCIENTIFIC SERVICES

Postal Address: BOX 550 P O PENRITH PRIVATE BOXES NSW 2751

Licensee Contact CATHY INGLIS Ph. 9830 7700 Fax. 9831 2383

Premises Licensed to Keep Dangerous Goods PLANT NO 1

AUSTRAL BRICK CO P/L

WALLGROVE RD WALLGROVE 2164 HORSLEY PARK

Nature of Site CLAY BRICK MANUFACTURING

Major Supplier of Dangerous Goods UNKNOWN OR OTHER

Emergency Contact for this Site ROBBIE CAMPBELL (9830 7710) Ph. 9830 7700

Site staffing 24HRS 7DAYS

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	UNDERGROUND TANK	Class 3	30000 L
	UN 1203 PETROL		30000 L
2	UNDERGROUND TANK	Class 3	10000 L
	UN 1203 PETROL		10000 L
3	ROOFED STORE	Class 6.1	20000 KG
	UN 1564 BARIUM C	OMPOUND, N.O.S.	10000 KG
D1	EXEMPT - U/G TANK	Class C1	30000 L
	UN 00C1 DIESEL		30000 L
D2	EXEMPT - U/G TANK	Class C1	10000 L
	UN 00C1 DIESEL		10000 L
D3	EXEMPT - U/G TANK	Class C1	10000 L
	UN 00C1 DIESEL		10000 L

Form DG10

14 October 1994 Project No. 3383

Chemical Safety Unit WorkCover Authority of New South Wales Locked Bag 10 Clarence Street Post Office SYDNEY NSW 2000



Attention:

Mr Phil Butt

Chief Inspector - Dangerous Goods

Dear Sir

Re:

Austral Bricks Pty Limited

Plant No. 1 Wallgrove Road

Horsley Park NSW 2164

Dangerous Goods Licence No. 35/017089

Please find the application for licence to keep dangerous goods at the abovementioned site. This application is a renewal of Licence No. 35/017089.

Please note the following changes from the previous licence:-

- Previous Depots 2, 4 and 5 are diesel tanks containing < 50 000 L and no longer require licencing.
- The remaining underground petrol tanks have been renumbered Depots 1 and 2.
- Depot 3 (bulk solid store) has been added.

Thank you for your assistance in this matter.

Yours sincerely

Victoria Sedwick Principal Environmental Scientist

3383L010.WP5\14 OCT 1994\JLW:maz

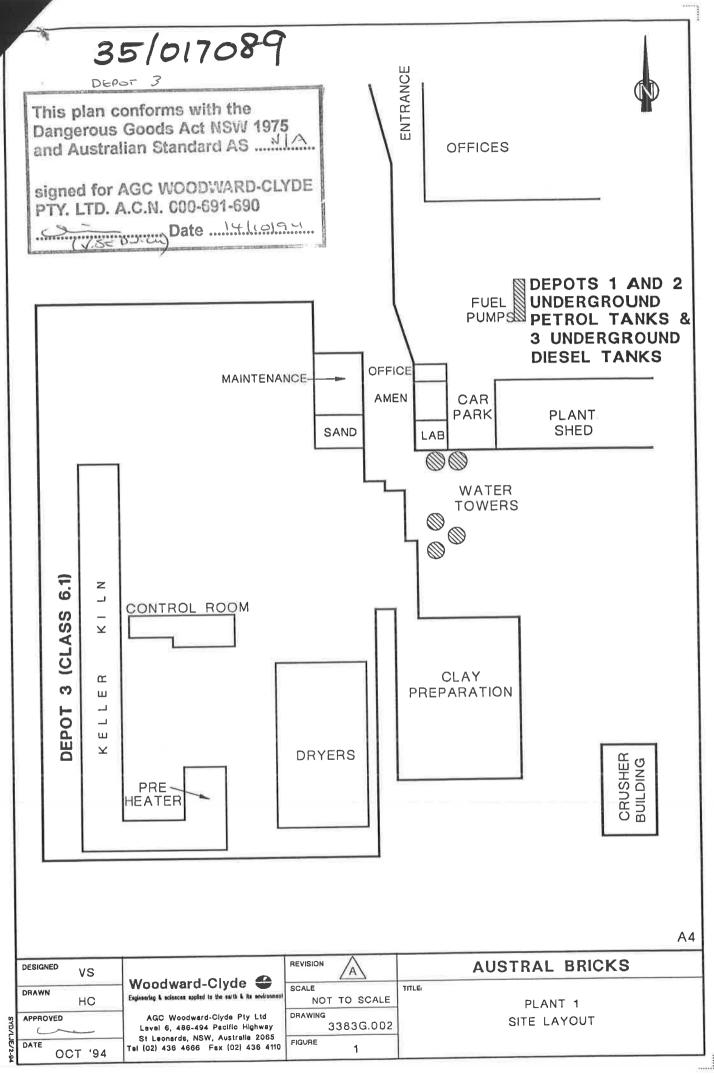
If you have more depots than the space provided, photocopy sufficient sheets first.

Depot number	Type of depot	Class			Licensed max storage capa		
	Underground Tank			3	30 000 L		
UN number	Shipping name	Class	Pkg. Group	EPG	Product or common name	Typical quantity	Uniteg L, kg, m
1203	Petrol	3-1	11		Petrol	30 000	4

Depot number	Type of depot		Type of depot Class		Licensed maximum storage capacity		
2	Underground Tank			3	100001	(
UN number	Shipping name	Class	Pkg. Group	EPG,	Product or common name	Typical quantity	Uniteg. L, kg, m³
1203	Petrol	3.1	11	/	Petrol	10000	4

Depot number	Type of depot Class			Licensed maximum storage capacity				
3			(G +1	20	T		
UN number	Shipping name	Pkç Class Gro		EPG		Product or common name		United
1564	Barium Carbinate	G-1	00	GAS	Barlum C	arbonak	20	T

Depot number	Type of depot		Class	Licensed ma storage ca		
	3 unlicenced undergro tanks (previously		300004,100	300L, 100	xx	
UN number	Shipping name	Р		Product or common name	Typical quantity	Uniteg L, kg, m
	Diesel					





Licensee

AUSTRAL BRICK CO P/L

BOX 550 P O PENRITH 2750 Locked Mail Bag 2 P O, ROSEBERY NSW 2018 Ph. (02) 287 6235 OR (02) 287 6237

17 APR 1991

Dear Sir/Madam,

RE APPLICATION FOR RENEWAL OF LICENCE FOR THE KEEPING OF DANGEROUS GOODS

Our records indicate you hold licence number dangerous goods at

for keeping 35/017089

WALLGROVE RD (PLANT NO1)

WALLGROVE

2164.

Dangerous Goods Section

Details of depots at site.

Data Entered

Depot No.	Depot type	Goods stored in depot	09 Dec 91 Quantity
			kg/litres/no.
1	UNDERGROUND TANK	FLAMMABLE LIQUIDS	30 000
2	UNDERGROUND TANK	FLAMMABLE LIQUIDS	30 000
3	UNDERGROUND TANK	FLAMMABLE LIQUIDS	10 000
4	UNDERGROUND TANK	FLAMMABLE LIQUIDS	10 000
5	UNDERGROUND TANK	FLAMMABLE LIQUIDS	10 000
-6	MAGAZINE	EXPLOSIVES	2 000-
			2 000-

This licence is now due for renewal. TO RENEW YOUR LICENCE. Please carefully check the details shown in this letter and make any required corrections. Then, SIGN and DATE the declaration below and return this letter to the WorkCover Authority, Dangerous Goods Section. Fees for these licences have been abolished. DO NOT SEND ANY MONIES.

Declaration: I wish to renew this licence to 15/05/92. I certify that the licence details shown in this letter are correct.

(Signature)

21-5-91

If you do not wish to renew the licence. Please provide the Dangerous Goods Section with a signed statement giving the reason why it is not to be renewed. If you have sold/vacated the site please provide the name and address of the new owner/occupier so we may contact them.

Yours faithfully

Chief Inspector of Dangerous Goods.

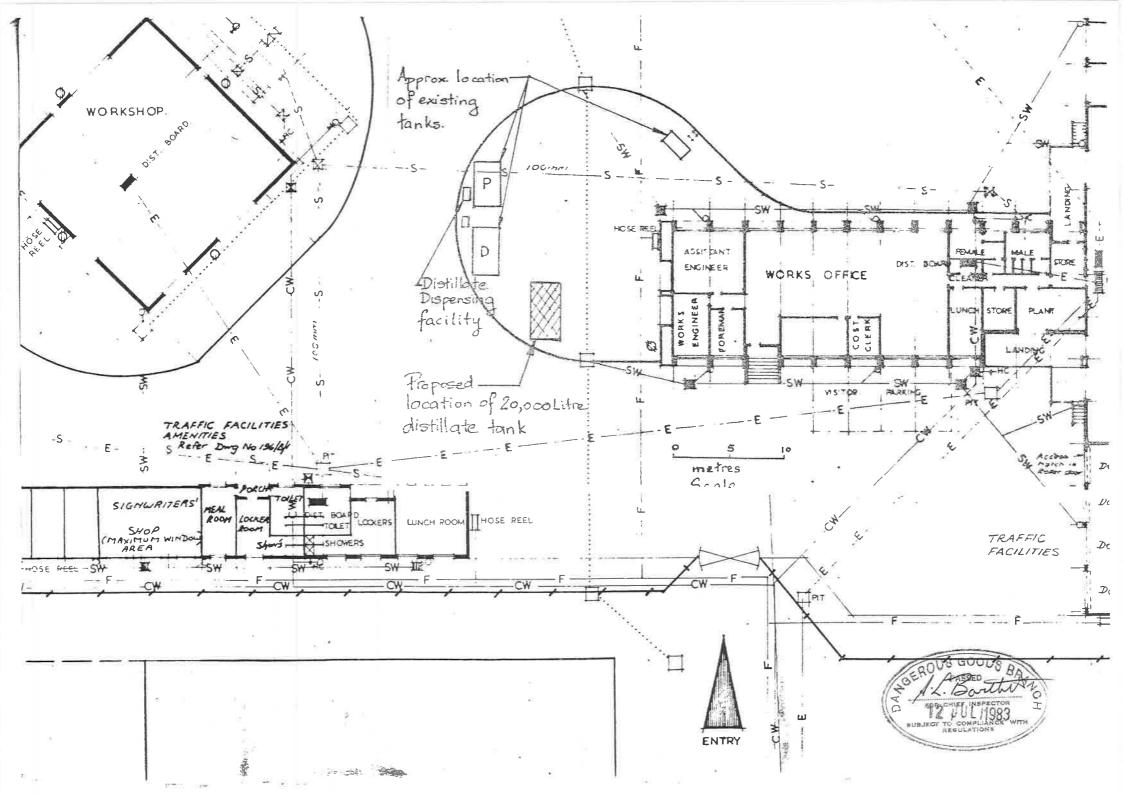
1. Applications must be for arded to the Chief Inspector of Inflammable Liquid, Explosives Department, Box R.216, Royal Exchange Sydney. N.S.W. 2000 and must be accompanied by the prescribed fee, as set out hereunder:

Registration of Premises (Fee \$4.50 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 Licence, Div. B (Fee, See Regulation 7) — For quantities exceeding 4,000 gallons of Classes 1 and 2, and/or dangerous goods of Classes 3.

For the keeping of Dangerous Goods of Classes 3 and/or 4 (\$19.00 - 7) or the keeping of Dangerous Goods of Classes 3 and/or 4. (\$18.00 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. 1. Name of occupier including full christian names: Plant Hol) 2. Trading Name (if any) Locality of the premises in which the depot or depots are situated Harrye Road 2. Votacok Postcode 4. Postal address 5 Occupation 6. Nature of premises (dwelling, garage etc.) Particulars of construction of depots and maximum quantities of inflammable liquid and/or Dangerous Goods to be kept at any PLIEUSE ATTACHELAN OF PREMISES Dangerous goods Inflammable liquid Construction of depots * Depot No. Class Class Class Class Class Class Mineral Mineral Floor Walls Roof 3 5 A oil spirit gallons gallons gallons gallons gallons 16 cu ft vater gal 1 ound dint -000 C 2 4 5 6 7 8 9 (Dine) 10 * If product is kept in tanks describe depots as underground or aboveground tanks. Signature of applicant Date of application fan, 31, 19 74 SECRETARE CERTIFICATE OF INSPECTION being an Inspector under the Inflammable Liquid Act, 1915 (as amended), do hereby certify that the premises or store herein referred to and described is suitable with regard to its situation and construction for the safe keeping of inflammable liquid and/or dangerous goods in quantity and nature specified. Place 🔼 Signature of Inspector.

100



PLAN OF PROPOSED WORK FOR CALTEX

(Measurements as per Page 2)

ildings, Fences, other Structures, Fall of Ground etc.
Switchboard - Vent Location)

ACCURATE MEASUREMENTS Austral Brick Wallgrove Road Wallgrove NSW LIENT'S NAME & ADDRESS ix padoriance 1109 9 BALTOX DED. McC/18835 F NO PROTESTED WARES WE AIM Existing 2000 - 18 Std. Gas. ١ 481 Existing 2000's u/g tanks In the same positio 2/6000'5 271 _ Existing pump island 3xSE Calco Meter pumps THE ABOVE LAYOUT MEETS WITH MY APPROVALLE Customer Signature Essential EXPLOSIVES: Requirements do not permit fill points inside a building or within 5' of any door. No pump inside a building or on a wharf without special approval. U/ground Gasoline Tanks must be separated from protected works, as under:

500 gellon - 10' = 7'6 x 4' dia

1000 " - 10' = 8'7"x 5' dia

1000 " - 10' = 8'7"x 5' dia Protected Works, Dwellings, = 10' = 9'10x 7'dia Amenities, Property, 13 2000 = 13' =13'10x 7' Boundaries, etc. To be ЗE 3000 - 15! =18! x 71 dia) shown on plan. 4000 5/1 = 181 =2212 x 71 dia) 5000 = 18' =26'3 x 7' dia) 71 3R/ 6000 Fuse 4 STES BEFART ELECTRICAL: Each pump to have its own circuit.
9 amps D/E pmp. Multiple tanks to be separated by 2'd". 9" CHIE E 101 冉 SUBJECT TO COMPLIANCE WEITH REGULATIONS

accordance with the provisions of the Inflammable Liquid Act, 1915 (as amended), for the ensuing year. **EXPLANATORY** Inflammable Liquid-

Mineral Oil - includes kerosene, mineral turpentine and white spirit (for cleaning), and compositions containing same. Mineral Spirit - includes petrol, benzene, benzolene, benzol and naphtha, and compositions containing same.

Class 1 - acetal, acetaldehyde, acetone, acrolein, amyl mercaptan, butyl acetate, butyl mercaptan, butyl propionate, crotonaldehyde, dichloro-ethylene, diethylketone, dioxane, diethylamine, dimethyl hydrozine, dipropylamine, divinyl ether, dipropyl ether, ethyl acetate, ethyl acrylate, ethyl chloride, ethyl ether, dichloroethane (ethylene dichloride), ethyl mercaptan, ethyl methacrylate, ethyl methyl ether, ethyl propyl ether, ethyl propionate, methyl propyl ketone, methyl acetate, methyl acrylate, methylal, methyl ethyl ether, methyl ethyl ketone, methyl methacrylate, methyl vinyl ketone, methyl vinyl acetate, piperidine, propanal, propyl acetate, propylamine, propylene oxide, pyridine, tetrahydrofuran, thiophene, triethylamine, valeraldehyde, vinyl acetate, vinyl allyl ether, vinyl butyl ether, vinyl butyrate, vinyl cyanide (acrylonitrile), vinylidene chloride, vinyl ethyl ether, vinyl propyl ether, vinyl propionate, any combination of substances of an inflammable character suitable for use as an industrial solvent and having a true flashing point of less than 73 degrees Fahrenheit, manufactured products, containing organic solvents, having a true flashing point of less than 73 degrees Fahrenheit.

Class 2 - acetic acid, acetyl acetone, acetic anhydride, allyl alcohol, amyl acetate, amyl alcohol, butyl alcohol, butyl methacrylate, chlorobenzene, cyclohexanone, dibutyl ether, dibutyl ketone, dipentene, epichlorohydrin, ethanol (ethyl alcohol), ethyl benzene, ethylene diamine, furfural, mesityl oxide, methyl alcohol, methyl amyl ketone, methyl butyl ketone, pine oil (having a flashing point below 150°F), propyl benzene, propanol, vegetable turpentine, vinyl benzene (styrene monomer), any liquid containing more than 50 per centum ethyl alcohol, manufactured products, containing organic solvents, having a true flashing point of 73 degrees Fahrenheit and above but not exceeding 150 degrees

Class 3 - nitro-cellulose moistened with an alcohol, nitro-cellulose product.	mui her	Du H.
Class 4 compressed or dissolved acetylene contained in a porous substance.	essue to	15/5/70

Class 5 (A) - liquefied inflammable gases (liquefied petroleum gas, vinyl chloride, ethylene chloride, ethylene oxide, butadine, methylamine, dimethylamine and trimethylamine).

Class 9 - Carbon disulphide, ethyl nitrite.

DIRECTIONS

Applications must be forwarded to the Chief Inspector of Inflammable Liquid, Explosives Department, Department of Mines, Sydney, and must be

		Binch BRICK COPTY LTD Binch Motor No. or Name Street HORSLEJ. RD Town WALLSROVE Factory Postcode 20144
5. Particulars of construct		ities of inflammable liquid and/or Dangerous Goods to be kept at any one time
	PLEASE AT	TACH PLAN OF PREMISES.

			PLEASE	E ATTACH PI	LAN OF P	REMISES.					
Depot	Const	Construction of depots*		Inflammable liquid		Dangerous goods					
	Walls	Roof	Floor	Mineral Spirit gallons	Mineral Oil gallons	Class 1 gallons	Class 2 gallons	Class 3 1b	Class 4 cu ft	Class 5 A water gailons	Clas 9 gallon
1	Chales	mund	Puk.	2:5000.			Ì.)	UELI	C RE	VEN	JE A
2								116	21	6:50	}
3	(4)				2		-	Date	l_	25/	9/
4							I I	(}ate) cecipt	Norm	59/	2
5		-									
6											-
7			Ü			-					
8										A	
9							E AU	TRAL	BRIG	119	PTY.
10				largraund of 3			1/		6	Record	

If product is kept in tanks describe depots as underground or aboveground tanks. Signature of Applicant Postal Address

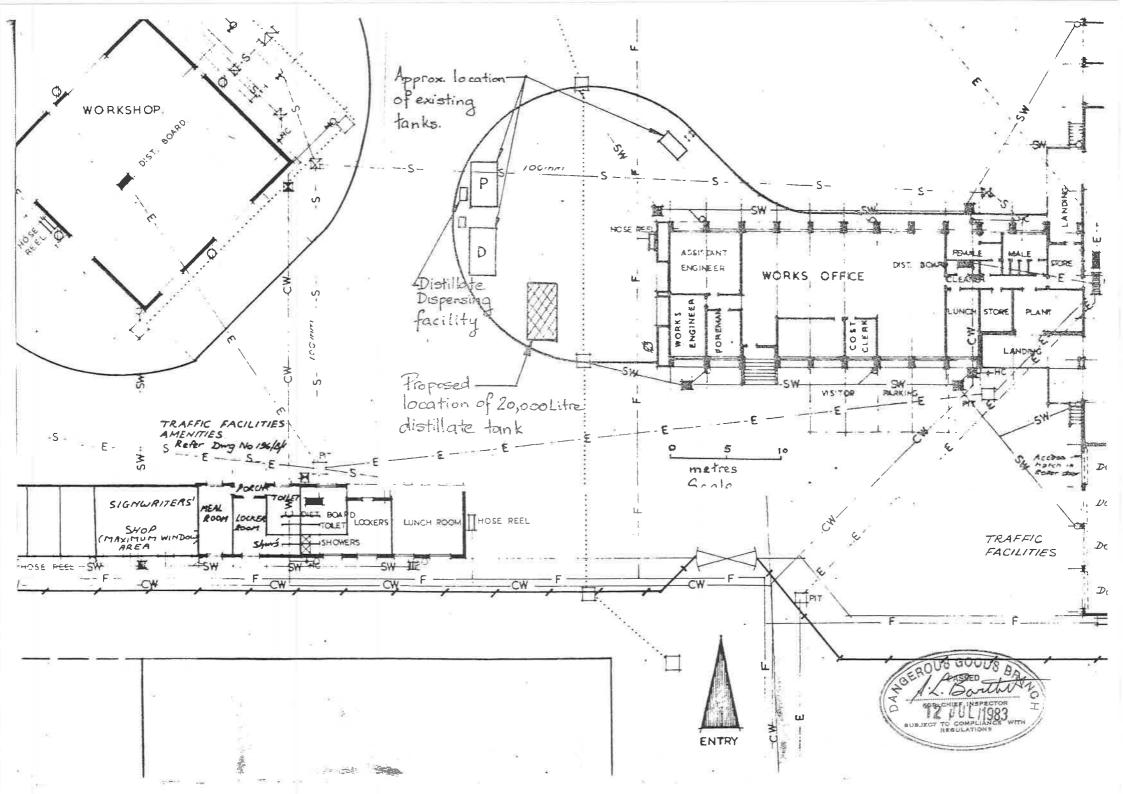
PLAN OF PROPOSED WORK

(Measurements as per Page 2)

(Show Buildings, Fences, other Structures, Fall of Ground etc.

Switchboard - Vent Location)

WALLGROVE. AUSTRAL BRICK AREA CONCRETE power point numbs _ pump island concrete path vent pipes G a ~ Td Office u/g tanks Building е n LIQUID SEAL IN ACCORDANCE WITH GALTEX DRG. No. C18835'. NO PROTECTED WORKS WITHIN 10 FEET.



PLAN OF PROPOSED WORK FOR CALTEX

(Measurements as per Page 2)

ildings, Fences, other Structures, Fall of Ground etc. Switchboard - Vent Location)

