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Contamination Management Specialists

Contamination Assessment

4 - 6 Chapel Road
Bankstown NSW

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Executive Summary

Metech Consulting were commissioned to undertake a contamination assessment of the property located at 4 – 6 Chapel Road, Bankstown, NSW. The purpose of the assessment was to support a development application that seeks to rezone part of the property from SP2 (Infrastructure) to B1 (Neighbourhood Centre), which as required by *State Environmental Planning Policy (Resilience and Hazards) 2021*, needs to include an assessment of contamination that confirms suitability of the property for a business zoning land use.

The assessment was undertaken in accordance with the stage, risk-based approach outlined in the *National Environment Protection (Assessment of Site Contamination) Measure 1999*, which included a detailed evaluation of the history of the property and surroundings lands to identify the environmental setting and past and present land use activities that may pose a contamination risk to the property. The desktop-based assessment was supplemented by a detailed site inspection and targeted soil and soil vapour sampling and analysis programs.

Key findings from the assessment include:

- The property was historically used for residential purposes, prior to it being redeveloped for commercial use that comprised the construction of the existing retail premises in the 1960s.
- There has been little change to the layout and configuration of the property since 1970, with retail premises being present within the eastern portion and the central and western portions being undeveloped and generally used for carparking and storage, ancillary to the retail land use activities.
- The majority of businesses that have operated from the retail premises have been assessed to pose a low contamination risk, which have included use for a newsagent, chemist, cake shop, fruit shop, butcher shop, dance studio, taxation consultant, medical practitioner, fishing tackle & bait, variety store and massage parlour.
- The only potentially contaminating activity undertaken within the retail premises was identified to be the operation of a shopfront dry cleaning business from approximately 2008 to 2017. Other potential sources of contamination that were identified were limited to the use of parts of the property for carparking and equipment / material storage, the presence of fill materials originating from an unknown source across the central and western portions of the property and atmospheric fallout of fine particulates from the combustion of fuels in motor vehicles, considering the proximity of the property to adjacent arterial road network.
- A comprehensive program of soil and soil vapour sampling and analysis was designed based on the outcomes of the conceptual site model development for the property as parts of this assessment, which targeted the identified potential sources of contamination.
- The results from the sampling programs determined that concentrations of all identified potential contaminants of concern in both soil and soil vapour were low and below the adopted site assessment criteria applicable to a commercial / industrial land use setting, with the exception of asbestos at one location.
- The small fragment of fibro-cement sheeting containing bonded-asbestos was identified within the subsurface soils (fill materials), however it was determined that this asbestos does

not pose a significant risk to the continued use of the property for commercial / industrial purposes, given the low risk of harm posed by the form of asbestos, the isolated occurrence and as the material was assessed to be adequately encapsulated to mitigate exposure risk by the existing ground surface covering.

Based on these findings, it is concluded that:

- Contamination is unlikely to pose a significant constraint to the ongoing use of the property;
- The property is suitable for commercial / industrial land use without the need for any further investigation or management action; and
- No significant contamination issues are present at the property that would pose a constraint to the proposed rezoning from SP2 (Infrastructure) to B1 (Neighbourhood Centre).

1 Introduction

1.1 Preamble

Metech Consulting Pty Ltd were commissioned to undertake a Contamination Assessment of the property located at 4 – 6 Chapel Street, Bankstown, NSW (hereafter referred to as “the Site”). The Site is described as Lot 1 DP 655843, Lot 2 DP 655844 and Lot 8B DP 389749, occupying a total area of approximately 1,600 m².

The location of the Site is shown in **Figure 1** and the current layout of the Site is shown in **Figure 2**.

The Site is currently subject to dual land use zoning under the Canterbury-Bankstown Local Environmental Plan 2023 (refer **Figure 3**), as follows:

- Lot 1 DP 655843: B1 (Neighbourhood Centre) and SP2 (Infrastructure).
- Lot 2 DP 655844: B1 (Neighbourhood Centre) and SP2 (Infrastructure).
- Lot 8B DP 389749: SP2 (Infrastructure).

Due to the dual land use zoning that poses constraints to the potential future use of the Site, a rezoning application is currently being prepared that will seek to amend the zoning to B1 (Neighbourhood Centre) across the full extent of the Site.

In accordance with the requirements of *State Environmental Planning Policy (Resilience and Hazards) 2021* and at the request of Canterbury-Bankstown Council, this contamination assessment has been undertaken to determine the suitability of the Site for a business zoning land use.

The investigation has been undertaken in accordance with the requirements of the NSW contaminated land management framework, including:

- DUAP (1998) *Planning Guidelines: SEPP 55 - Remediation of Land - Managing Land Contamination*;
- NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*; and
- NSW EPA (2020) *Contaminated Land Guidelines: Consultants Reporting on Contaminated Land*.

1.2 Study Approach

State Environmental Planning Policy (Resilience and Hazards) 2021 requires planning authorities to take the potential for a property to be affected by contamination into account when determining zoning proposals. The national framework for assessing contaminated land issues in Australia are set out by the *National Environment Protection (Assessment of Site Contamination) Measure 1999* (NEPC, 2013), which have been adopted by the NSW Environment Protection Authority (NSW EPA). NEPM recommends a staged, risk-based approach for evaluating and characterising contaminated land issues.

For the assessment of contamination at the Site, the risk-based approach outlined in the NEPM (NEPC, 2013) has been adopted, however to provide further certainty of the investigation findings and using a weight of evidence approach, the scope of the investigation includes:

- Assessment as per the requirements of a Preliminary Site Investigation (PSI) scope as defined by the NEPM.
- Soil sampling and analytical program, based on a judgemental sampling design.
- Soil vapour sampling and analytical program, targeted to a specific potential point source of contamination.

1.3 Objectives

The objectives of the investigation were to:

- Assess current and historical land use operations for the Site and adjacent properties to identify potential on and off-site sources of contamination;
- Determine the nature of potential contaminants (if any) and the potential location(s) of contamination issues across the Site;
- Identify the presence of any potentially significant contamination issues at the Site that may pose a potential constraint to the ongoing use of the Site under a commercial / industrial land use setting; and
- Determine the suitability of the Site for commercial / industrial land use.

1.4 Scope of Work

The following scope of work was undertaken to meet the objectives of the investigation:

- Review and evaluation of available information to establish the environmental setting of the Site and local area.
- Review of available historical and background information for the Site and local area to understand and evaluate potential on and off-site sources of contamination.
- A detailed inspection of the Site to:
 - Identify the nature of current site operations and activities;
 - Identify any potential sources of contamination relating to these land use activities;
 - Assess for evidence of any indicators of actual contamination issues that have or may be occurring; and
 - Verify the findings of the desktop review.
- Development of a Conceptual Site Model (CSM) to outline how potential contaminant sources, pathways and receptors may be linked together, which may result in a risk of harm being present.

- Implementation of a judgemental soil sampling and analytical program to investigate areas of potential contamination identified by the CSM and to support the findings of the PSI.
- Implementation of a targeted soil vapour sampling and analytical program to investigate a specific potential point source of contamination at the Site.
- Evaluation of the findings of the investigation program with reference to the Tier 1 assessment criteria outlined in the NEPM (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*.
- Assessment of the level of risk/impact (if any) of any identified contamination sources.
- Evaluation of the suitability of the Site for use under a commercial / industrial land use setting.
- Preparation of this Contamination Assessment report in accordance with the requirements of the *Contaminated Land Guidelines: Consultants Reporting on Contaminated Land* (NSW EPA 2020).

2 Site Identification

2.1 Site Identification

Details of the Site are summarised below:

Table 2.1: Site Identification

Address:	4 – 6 Chapel Road, Bankstown, NSW (refer Figure 1)
Title:	Lot 1 DP 655843 Lot 2 DP 655844 Lot 8B DP 3897491
Size:	1,600 m ² (approx.)
Local Government Area:	Canterbury Bankstown Council
Zoning:	B1 (Neighbourhood Centre) and SP2 (Infrastructure) Canterbury Bankstown Local Environmental Plan (2023)
Current Land Use:	Commercial (retail shops and carpark)
Proposed Land Uses:	Commercial (retail shops and carpark)
B1 (Neighbourhood Centre)	
Permitted Land Uses (without consent)	Home occupations
Permitted Land Uses (with consent):	Boarding houses; Building identification signs; Business identification signs; Business premises; Car parks; Centre-based child care facilities; Community facilities; Early education and care facilities; Environmental facilities; Environmental protection works; Flood mitigation works; Food and drink premises; Home businesses; Information and education facilities; Kiosks; Markets; Medical centres; Mortuaries; Neighbourhood shops; Neighbourhood supermarkets; Office premises; Oyster aquaculture; Places of public worship; Recreation areas; Recreation facilities (indoor); Respite day care centres; Roads; Service stations; Shops; Shop top housing; Specialised retail premises; Tank-based aquaculture; Veterinary hospitals.
Prohibited:	Pond-based aquaculture; any development not specified as being permitted (with or without consent).
SP2 (infrastructure)	
Permitted Land Uses (without consent)	Nil
Permitted Land Uses (with consent):	Aquaculture; Roads.
Prohibited:	Any development not specified as being permitted (with or without consent).

2.2 Site Layout and Description

A detailed inspection of the Site was undertaken by an appropriately qualified and experienced environmental scientist on 29 September 2023, who is a Certified Environmental Practitioner, Site Contamination Specialist (No.SC41108), under the Environmental Institute of Australia and New Zealand (EIANZ) certification scheme.

Site photographs from the inspection are provided in **Appendix A**.

The Site is located within a commercial area of Bankstown, with retail shops present in the eastern portion fronting Chapel Road, and the western portion being occupied primarily by a carpark that services the retail shops, as well as a small compound that is currently utilised for material / equipment storage. A laneway off Calidore Street to the south west of the Site provides access to the western portion of the Site.

Further details of these three main areas of the Site are described in the following subsections.

2.2.1 Retail Shops

The eastern portion of the Site comprises several adjoining buildings that front Chapel Road, which are operated as retail premises. The buildings are constructed from brick with corrugated iron roofs. The northernmost building is a two storey structure, while the other buildings are single storey. The ground surfaces beneath the buildings are sealed with a concrete pavement, that extends out as pathways / driveways to the rear (west) of the buildings.

The buildings were assessed to be in relatively good condition with no hazardous building materials such as asbestos-containing materials (ACM) or lead-based paint identified.

Various tenants occupying these retail shops, with current business activities including:

- Kitchen appliances store.
- Fishing tackle and bait store.
- Domestic lighting store.
- Thai massage parlour.
- Newsagency / post office.

The current business activities were not identified to comprise of any potentially contaminating activities. Inspection of the premises did not identify the storage of any significant quantities of oils, fuels or chemicals, which may otherwise be considered as a potential source of contamination.

2.2.2 Carpark Area

The western portion of the Site behind the retail shops is occupied by a level carpark that is generally covered by a surface layer of compacted gravel, with minor areas of dilapidated asphalt and / or concrete. There is subsurface drainage infrastructure present within the carpark, which includes several drainage grates at the ground surface.

The carpark is secured by fencing and a security gate, which is accessed via an unnamed laneway.

The majority of the carpark area was free from any wastes and/or other materials. There were a number of garbage bins and minor materials storage present in the area directly adjacent to the shops.

Visual observations of the ground surfaces of this portion of the Site did not identify any evidence of the presence of asbestos-containing materials (ACM), soil staining, odours soils or visual evidence of contamination.

2.2.3 Storage Compound

The north eastern portion of the Site (Lot 8B DP 389749), which is accessed via a gate through the carpark area, is understood to be used for material storage, although at the time of the inspection the area was predominantly vacant with only minor materials being stored, including several wooden pallets and a small stock of steel temporary fencing panels and associated hardware.

The ground surface of this portion of the Site is similar to the carpark area, where a gravel ground surface is present, although the condition of the surface was poor with areas of bare and exposed soils present. Areas of weeds were also present in this area, generally adjacent to the fences.

The site inspection did not identify that any potentially contaminating activities were being undertaken within this area, nor was any evidence identified to suggest that this area has been subject to past development or that potential sources of contamination are currently present.

Visual observations of the ground surfaces of this portion of the Site did not identify any evidence of the presence of asbestos-containing materials (ACM), soil staining, odours soils or visual evidence of contamination.

3 Site Condition and Surrounding Environment

3.1 Surrounding Uses

The land uses surrounding the Site are described in the table below.

Table 3.1: Surrounding Land Uses

North:	Commercial (retail) and low density residential
South:	Commercial (retail)
East:	Chapel Road, followed by commercial
West:	High-density aged-care facility

3.2 Topography and Hydrology

The Site is located at an elevation of approximately 19 metres Australian Height Datum (m AHD) and is relatively flat, with only a very slight gradient to the east. Salt Pan Creek is located approximately 850 metres to the north east of the Site, with the local topography grading in this direction. A figure showing topographical contours of the local area is provided in **Appendix D**.

The eastern portion of the Site is sealed and covered by the footprint of the retail shop buildings, while the western portion is covered by semi-permeable gravel surface, which includes subsurface drainage infrastructure and at grade drainage grates. Based on these characteristics, it is expected that the majority of rainfall would directed into the municipal drainage system that is likely to discharge into Salt Pan Creek, although surface waters would be able to infiltrate through the gravel surface in the western portion of the Site and into underlying soils.

3.3 Soils, Geology and Hydrogeology

The NSW Department of Planning, Industry and Environment (DPIE) *1:100,000 Penrith Geology Map* shows the Site and surrounding properties to primarily be underlain by the Wianamatta Group, Ashfield Shale, generally described to comprise *black to light grey shale and laminate*.

The Atlas of Australian Soils classifies the soil landscape of the Site to be representative of Sodosols, which are described as *“undulating; chief soils are hard acidic yellow mottled soils usually containing some ironstone gravels throughout the profile”*.

The NSW Department of Planning, Industry and Environment Soil Landscape of Central and Eastern NSW map identifies the Site to be located on the boundary of two soil landscapes, including:

- “Blacktown” landscape (western portion), which is characterised by gently undulating rises on Wianamatta Group shales and Hawkesbury shale; shallow to moderately deep (<100 cm) red and brown podzolic on crests, upper slopes and well-drained areas; deep (150–300 cm) yellow podzolic soils and soloths on lower slopes and in areas of poor drainage.
- “Disturbed Terrain” (eastern portion), which is characterised by level plain to hummocky terrain, extensively disturbed by human activity, including complete disturbance, removal or burial of soil; soil / turfed fill areas commonly capped with up to 40 cm of sandy loam or up to 60 cm of compacted clay over fill or waste materials.

The *Hydrogeology Map of Australia* (Geoscience Australia) identifies the Site to contain “*porous, extensive aquifers of low to moderate productivity*”. A review of groundwater boreholes registered with NSW Department of Primary Industries that was undertaken on 26 September 2023 identified 38 registered bores within a 2 kilometre radius of the Site, primarily all located within an area of commercial/industrial properties located on Gow Street, Padstow, located approximately 1,200 metres to the south east of the Site. The bores are all registered as being for groundwater monitoring purposes and details provided with the bore information shows that the bores are typically installed to shallow depths of between 5 and 7 metres, indicating that groundwater would be present within this shallow depth range.

Groundwater beneath the Site would be expected to flow in a north easterly direction.

3.4 Dryland Salinity

Review of both the Australian Government dryland salinity database (National Land and Water Resources Audit) and the NSW Office of Environment and Heritage *Dryland Salinity Potential of Western Sydney* database identified that the Site is affected by dryland salinity, where the Site is classified as an area of moderate salinity potential.

3.5 Acid Sulfate Soils

Review of the Department of Planning Industry & Environment *Acid Sulphate Soil Risk Map Series* indicates that the Site is classified as not containing acid sulfate soils.

4 Site History

4.1 Aerial Photographs

Periodic aerial photographs were reviewed to assist in identifying the history of the Site and the surrounding area. Details of key observations made from the review of aerial photographs are outlined in **Table 4.1**. Copies of the aerial photographs are included in **Appendix D**.

Table 4.1: Aerial Photograph Review

Year	Observations
1930	The Site is not defined as it currently is, and likely forms part of a larger land allotment. There is a building (possibly residential dwelling) present within the south east portion of the Site on the western side of the road intersection of what is currently Chapel Road and Canterbury Road, with a small structure (shed) located to the rear of the building. The remainder of the Site appears to be grassed and undeveloped. The local area comprises well defined roads, with several residential dwellings and allotments located to the south of the Site. The area is dominated by large open grassed areas / fields, likely within a rural / residential land use setting. A small to medium sized building is present on the opposite corner of the road intersection adjacent to the Site, which through review of historical business directory records, is likely to be representative of a motor mechanic garage that operated from this location (Four Ways Motors, Bankstown) (refer Section 4.5).
1943	The Site appears similar to what was observed in the 1930 aerial photograph (although clearer due to the improved quality of the photograph), where a residential dwelling is located in the south east portion of the Site and the remainder of the Site is vacant and grassed. The properties directly to the north and west of the Site have been developed. The land use cannot be determined, but there is medium-sized building present directly adjacent to the north west corner of the Site, with the land to the west possibly used for materials storage. The local area sees an increase in low density residential dwellings, particularly to the south and south east of the Site. Undeveloped lands include large areas of grassed parcels of land with mature trees throughout, with areas of bushland evident to the north west and south west of the Site.
1949	The Site has been further developed, where the land appears to have been divided into the three (3) parcels of land that currently form the Site, where fencelines are evident providing segregation. The previous dwelling has been removed and a new dwelling appears to be present in the northern allotment fronting Chapel Road, which includes a small structure in the rear, possibly a freestanding garage. The remainder of the Site appears to be vacant. Significant development has occurred in the local area, including the development of the land to the north of the Site, where six (6) low density residential allotments and dwellings appear to have been constructed.
1955/56	The Site has been further developed where a medium sized, potentially commercial building is present in the south east corner of the Site fronting Chapel Road. Two (2) smaller buildings / sheds are present to the rear (west) of this building. The residential dwelling remains at the Site within the land parcel to the north of this new building, whilst the western portion of the Site remains vacant and undeveloped. The motor garage workshop on the opposite side of the road intersection has changed, where the original building appears to have been removed with a new larger building now present, together with large open forecourt areas. It is likely that the land is still operated as a motor garage.

Year	Observations
	The residential dwelling located on the properties directly to the north of the Site have changed, with the addition of new structures to the east of the dwellings adjacent to Chapel Road. It is possible that these buildings have been developed for retail purposes, similar to the current configuration along Chapel Road. The local area has further been developed where most of the land to the north, west and south is occupied by a low density residential property. The Bankstown commercial / light industrial precinct along Canterbury Road and east of Chapel Road is expanding, with various additional commercial/industrial buildings now present.
1961	The main building in the south east corner of the Site has expanded through additions to the north and west. The residential dwelling remains and the western portion is still vacant. There appears to be several vehicles parked in the rear (western) portion of the Site. The surrounding areas appears similar to what was present in 1955/56, with the main changes being further development within the commercial/light industrial precinct to the east of the Site.
1965	No significant changes to the Site or adjacent properties since 1961.
1970	The Site has been subject to further development, where the residential dwelling has been removed and a new medium-sized building constructed in the northern portion of the Site fronting Chapel Road. The layout and configuration of the Site appears to be similar to what is currently present in 2023. The surrounding properties also appear to be similar to what is currently present, with commercial properties to the south and east, retail shops to the north and the local area to the north and west dominated by low-density residential properties.
1978	No significant changes to the Site or adjacent properties since 1970, with the exception of a new large, multi-storey building now present directly to the west of the Site, in the location of the current aged-care facility.
1982	No significant changes to the Site or adjacent properties since 1978. There are now several vehicles parked within the carpark area to the west of the buildings on the Site.
1986	No significant changes to the Site or adjacent properties since 1982, other than some new large building having been constructed within the commercial/light industrial precinct to the east of the Site.
1991	No significant changes to the Site or adjacent properties since 1986.
1994	No significant changes to the Site or adjacent properties since 1991.
2000	No significant changes to the Site or adjacent properties since 1994.
2007	No significant changes to the Site or adjacent properties since 2000.
2011	No significant changes to the Site or adjacent properties since 2007.
2016	No significant changes to the Site since 2011. The large building adjacent to the west of the Site has been demolished and the adjacent carpark removed, with two large vacant parcels of land now present. No other notable changes are observed.
2020	No significant changes to the Site since 2016, although part of the roof of the building in the northern portion of the Site appears to be covered with a blue tarpaulin, possible indicative of some renovation works being undertaken. The north west portion of the Site that is currently (2023) used as a storage compound appears to have been segregated from the carpark areas with new fences/gates, as previously the area formed a single area.

Year	Observations
	A new large building (aged-care facility) has been constructed on the vacant land to the west of the Site, while the majority of the surrounding lands appear to be relatively unchanged since 2016.
2023	No significant changes to the Site or adjacent properties are evident since 2021, other than the apparent use of the north west portion of the Site for material storage.

4.2 Historical Land Titles

Land title information was obtained from the NSW Department of Land and Property Information to identify the historical ownership of the Site and to assess for potentially contaminating activities that may have been undertaken (refer **Appendix E**).

A summary of the historical land title information is provided in **Table 4.2**, which are grouped per Lot as during various periods of time, individual Lots that form the Site were owned by different entities.

Table 4.2: Historical Land Title Information – Lot 1 DP 655843

Date	Title at Acquisition and Sale	Landowner (Occupation)
Lot 1 DP 655843		
09.05.1912 (1912 to 1924)	Volume 2251 Folios 113 to 115	Caroline Gertrude Hunt (Spinster) Amy Alice Hunt (Spinster) Lucy Ruth Violet Atkinson (Widow)
06.01.1924 (1924 to 1935)	Volume 2251 Folios 113 to 115	Emily Elizabeth Davies
23.08.1935 (1935 to 1945)	Volume 2422 Folio 187 Now Volume 5484 Folio 231	William Arthur Selben (Bank Official)
11.10.1945 (1945 to 1952)	Volume 5484 Folio 231	Cecil John Loveless (Second Hand Dealer) Constance Loveless (Married Woman)
14.10.1952 (1952 to 1965)	Volume 5484 Folio 231 Now Volume 7848 Folio 242	Harold Vernon (Storekeeper) Mary Ann Vernon (Married Woman)
05.11.1965 (1965 to 2007)	Volume 7848 Folio 242 Then Volume 15441 Folio 72 Now 1/655843	Guiseppe Caristo (Bootmaker) Now Giuseppe Caristo

Date	Title at Acquisition and Sale	Landowner (Occupation)
04.10.2007 (2007 to 2016)	1/655843	Chris Kafataris Theodora Kafataris
30.04.2016 (2016 to date)	7848-242	Lou and Mansour Pty Ltd Tony Hanna & Sons Pty Ltd
Lot 2 DP 655844		
09.05.1912 (1912 to 1941)	Volume 2251 Folios 113 to 115	Caroline Gertrude Hunt (Spinster) Amy Alice Hunt (Spinster) Lucy Ruth Violet Atkinson (Widow)
31.01.1941 (1941 to 1944)	Volume 2251 Folios 113 to 115 Now Volume 5292 Folio 57	Amy Alice Hunt (Spinster)
30.06.1944 (1944 to 1946)	Volume 5292 Folio 57 Now Volume 5443 Folio 39	Jemima Douglas Jessup (Married Woman)
10.07.1946 (1946 to 1947)	Volume 5443 Folio 39	Gordon Graham Douglas (Electrical Engineer)
14.04.1947 (1947 to 1952)	Volume 5443 Folio 39	William David Findlay (Storeman)
20.10.1952 (1952 to 1954)	Volume 5443 Folio 39	Petro Mercha (Labourer) Elfriede Mercha (Married Woman)
30.04.1954 (1954 to 1965)	Volume 5443 Folio 39	Harold Vernon (Storekeeper) Mary Ann Vernon (Married Woman)
05.11.1965 (1965 to 2007)	Volume 5443 Folio 39 Then Volume 13347 Folio 156 Now 1/655844	Guiseppe Caristo (Bootmaker) Now Giuseppe Caristo
04.10.2007 (2007 to 2016)	1/655844	Chris Kafataris Theodora Kafataris
30.04.2016 (2016 to date)	1/655844	Lou and Mansour Pty Ltd Tony Hanna & Sons Pty Ltd

Date	Title at Acquisition and Sale	Landowner (Occupation)
Lot 8B DP 389749		
09.05.1912 (1912 to 1941)	Volume 2251 Folios 113 to 115	Caroline Gertrude Hunt (Spinster) Amy Alice Hunt (Spinster) Lucy Ruth Violet Atkinson (Widow)
13.08.1941 (1941 to 1951)	Volume 2251 Folios 113 to 115 Now Volume 5265 Folio 137	Percy Joseph Eli Round (Plasterer)
30.04.1951 (1951 to 1954)	Volume 5265 Folio 137	John Round (Plasterer)
20.12.1954 (1954 to 1965)	Volume 5265 Folio 137 Now Volume 6942 Folio 114	Harold Vernon (Storekeeper) Mary Ann Vernon (Married Woman)
05.11.1965 (1965 to 2007)	Volume 6942 Folio 114 Now 8B/655844	Guiseppe Caristo (Bootmaker) Now Giuseppe Caristo
04.10.2007 (2007 to 2016)	8B/655844	Chris Kafataris Theodora Kafataris
30.04.2016 (2016 to date)	8B/655844	Lou and Mansour Pty Ltd Tony Hanna & Sons Pty Ltd

Lease information (excluding premises) are as follows:

- Various leases were found from 28th January 1927 (Lot 1 DP 655843), 23rd May 1995 (Lot 2 DP 655844) and 28th January 2010 (Lot 8B DP 389749) that have since expired or have been surrendered (refer **Appendix E** for details).
- 28.01.2010 (AF 275841) to Best Yet Dry Cleaners Pty Ltd: Shop 4A/4-6 Chapel Road, expires 31.12.2012, also 3 year option.

4.3 Council Information

A review of the planning certificate prepared under Section 10.7(2)(5) of the *Environmental Planning and Assessment Act 1979* was conducted to assist with identifying any known or suspected contamination issues at the properties (refer **Appendix F**). A summary of key information relating to contamination matters is provided in **Table 4.3**.

Table 4.3: Planning Certificate Information Relating to Contamination Issues

Item	Notation
Is the land significantly contaminated within the meaning of the <i>Contaminated Land Management Act 1997</i> ?	No
Is the land affected by Acid Sulfate Soils?	No
Are any properties within the Study Area listed on the loose-fill asbestos insulation register?	No
Within the meaning of the <i>Contaminated Land Management Act 1997</i> , has Council been advised for any of the properties within the Study Area: - The land is significantly contaminated land? - The land is subject to a management order? - The land is subject to an approved voluntary management proposal? - The land is subject to an ongoing maintenance order? - The land is subject to a site audit statement?	No
Additional information:	Council has adopted by resolution a policy concerning the management of contaminated land. The policy applies to all land in the Canterbury-Bankstown Local Government Area and will restrict development of the land if the circumstances set out in the policy prevail. But Council is not aware of the land being affected by any matters as prescribed by Section 59 (2) of the <i>Contaminated Land Management Act 1997</i>.

4.4 Google Street View Review

A review of the Google Street View images was undertaken for the years 2008 to 2023 to assist with the identification of land use activities or changes undertaken at the Site. The review was limited to areas observed from Chapel Road (eastern boundary).

Findings from the review confirmed that no significant changes have occurred to the structures present at the Site throughout the 15-year review period, where retail shows as per their current configuration have remained throughout. The only notable changes observed relates to the tenants operating from the premises.

Tenants observed to occupy the Site are outlined in **Table 4.4**.

Table 4.4: Tenant Details

Business Activity	Year(s)
Locksmith	2008
Fishing Tackle and Bait	2008, 2013, 2014, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023
Domestic Lighting	2008, 2013, 2014, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023
Dry Cleaners	2008, 2013, 2014, 2016, 2017
Newsagency	2008, 2013, 2014, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023
Variety Store (BBQ and gas heaters)	2013, 2014, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023
Thai Massage Parlour	2020, 2021, 2022, 2023

4.5 Historical Business Directories

A review was undertaken of business directory content derived from the Universal Business Directories (UBD) from 1950, 1961, 1970, 1986, and 1991 to identify local businesses that have operated at the Site and in the local area.

Considering that the Site comprises of retail premises that are understood to have been constructed around the 1960s – 1970s, a significant number of business listings were identified. Full details of the search records are provided within **Appendix D**, with the majority of records for the Site and adjacent properties showing that the land uses have been for low contamination risk, retail premises, for purposes as newsagents, chemist, cake shop, fruit shop, butcher shop, dance studio, taxation consultant and medical practitioners.

A review was also undertaken of the business directories for high-risk businesses including dry cleaners, motor garages and service stations for the years 1951, 1955, 1957, 1960, 1963, 1973, 1974, 1977 and 1987, which didn't identify any high-risk activities to have been undertaken at the Site during these years, although records were identified for adjacent premises as listed in **Table 4.5**.

Table 4.5: Business Directory Records – High Risk Businesses – Adjacent Properties

Business Activity	Business Activity / Premise	Year(s)
Motor Garage & Service Stations	Vernon's Service Centre Pty Ltd, 203-213 Canterbury Road, Bankstown	1954
Motor Garage & Service Stations	South Bankstown Service Centre, 203-213 Canterbury Road, Bankstown	1956 - 1989
Dry Cleaners, Pressers and Dyers	Challenge Dry Cleaners, 183 Canterbury Road, Bankstown	1950 - 1953
Motor Garages and/or Engineers	Four Ways Motors Bankstown Pty Ltd, 164 Canterbury Road, Bankstown	1948 – 1975
Motor Garages and/or Engineers	Crawley J. W, 126 Canterbury Road, Bankstown	1962 - 1972

Business Activity	Business Activity / Premise	Year(s)
Motor Garage & Service Stations	Midway Star Service Station Pty Ltd, 108 Canterbury Road, Bankstown	1964 - 1972
Motor Garage & Service Stations	Caltex Bankstown Service Station, 108 Canterbury Road, Bankstown	1975 - 1993
Motor Garage & Service Stations	C & H Mechanical Repairs, 111 Gow Street, Padstow	1980 - 1986
Dry Cleaners, Pressers and Dyers	Richwear Dry Cleaning Co., 151 Canterbury Road, Bankstown	1954 - 1964
Dry Cleaners, Pressers and Dyers	V.I.P. Dry Cleaners, 151 Canterbury Road, Bankstown	1979 - 1981

4.6 NSW Government Database Records

A review of various NSW Government databases was undertaken to evaluate the condition of the surrounding environment and the potential for on or off-site sources of contamination to exist. Details of this information review are summarised below.

4.6.1 Contaminated Land

A review of contaminated sites notified to NSW EPA and regulated under the *Contaminated Land Management Act 1997*, the PFAS investigation program and other contamination issues reported by NSW EPA was undertaken on 25 September 2023 to determine if the Site is subject to any significant environmental constraints. The following key information was identified:

- Two (2) properties within a 1 kilometre radius of the Site have been notified to NSW EPA as potential contaminated sites under the notification provisions of the *Contaminated Land Management Act 1997* (CLM Act). These include:
 - Parts 64 and 92 Gow Street, Padstow (Sebel Furniture): Assessed by NSW EPA to not require regulation under the CLM Act.
 - 49 Gow Street, Padstow (Galvatech): Assessed by NSW EPA to require regulation under the *Protection of the Environment Operation Act 1997* (POEO Act).
- Numerous EPA Notices (including Penalty Notices, Clean-up Notices and Preventative Notices), have been issued to various properties within a 1 kilometre radius of the Site under the provisions of the POEO Act, which includes:
 - A Section 91 Clean-up Notice issued to a former tenant of the Site (Best Yet Dry Cleaners Pty Ltd, 4a/6 Chapel Road) on 15 March 2023 (refer **Appendix H**). The Notice (ref. 1515835) related to the inappropriate storage of a hazardous dry cleaning chemical waste (perchloroethylene) being stored at the rear of the shop inside and adjacent to the garage door.
- Eight (8) properties within a 1 kilometre radius of the Site are listed on the National Liquid Fuel Facilities database, which all relate to current operational petrol stations in the local area.

- No properties within a 1 kilometre radius of the Site were identified to be sites listed as:
 - Subject to current regulation by NSW EPA under the CLM Act;
 - Containing former Gasworks;
 - National Waste Management site;
 - Requiring PFAS investigation or management under the NSW EPA, Defence and/or Airservices Australia PFAS investigation/management programs;
 - A James Hardie asbestos manufacturing / waste disposal site;
 - A radiological investigation site in Hunter's Hill; or
 - Forming part of the Pasminco Lead Abatement Strategy Area.

4.6.2 Environment Protection Licences

A review of current and former environmental protection licences issued by the NSW EPA under the *Protection of the Environment Operations Act 1997* and delicensed activities still regulated by the NSW EPA was undertaken on 25 September 2023.

Four (4) records were identified for currently licensed facilities under the POEO Act, one (1) record was identified for a delicensed still regulated by NSW EPA and thirteen (13) records for formerly licensed activities under the POEO Act 1997, now revoked or surrendered, were identified within a 1 kilometre radius of the Site as outlined in **Tables 4.6, 4.7 and 4.8**.

Table 4.6: Licensed Activities (current)

Premise	Distance & Direction	Licensed Activity	Organisation	EPL
81 Gow Street, Padstow	604m, SE	Recovery of general waste	Gow Street Recycling Centre Pty Ltd	10943
81 Gow Street, Padstow	604m, SE	Waste storage - other types of waste	Gow Street Recycling Centre Pty Ltd	10943
1 Wordie Place, Padstow	816m, SE	Metal coating	Galvatech Pty Ltd	7029
1 Wordie Place, Padstow	816m, SE	Metal waste generation	Galvatech Pty Ltd	7029

Table 4.7: Delicensed Activities

Premise	Distance & Direction	Licensed Activity	Organisation	EPL
Eldridge Road, Bankstown	434m, W	Hazardous, Industrial or Group A Waste Generation or Storage	Sydney South West Area Health Service	6894

Table 4.8: Formerly Licensed Activities (now revoked or surrendered)

Premise	Distance & Direction	Licensed Activity	Organisation	EPL
112-116 Canterbury Road, Bankstown	313m, E	Metal Waste Generation	Mackies Asia Pacific Pty Limited	6994
2a Mavis Street, Revesby, NSW 2212	375, SW	Hazardous, Industrial or Group A Waste Generation Or Storage	Boral Investments Pty Limited	11607
Waterways Throughout NSW	547m, NE	Other Activities / Non Scheduled Activity - Application of Herbicides	Luhmann Environment Management Pty Ltd	4653
Various Waterways Throughout NSW	547m, NE	Other Activities / Non Scheduled Activity - Application of Herbicides	Robert Orchard	4838
Waterways Throughout NSW	547m, NE	Other Activities / Non Scheduled Activity - Application of Herbicides	Sydney Weed & Pest Management Pty Ltd	6630
Waterways Throughout Bankstown City Council	547m, NE	Other Activities / Non Scheduled Activity - Application of Herbicides	Bankstown City Council	7498
299 Canterbury Road, Revesby	683m, SW	Dangerous Goods Production; Hazardous, Industrial or Group A Waste Generation Or Storage	Macdermid Overseas Asia Ltd	11664
M5 West Widening - Kings Georges Rd to Camden Valley Way	712m, S	Road Construction	Acciona Infrastructure Projects Australia Pty Ltd	20149
Unit 8/9 Wordie Place, Padstow	803m, SE	Waste Storage - Hazardous, Restricted Solid, Liquid, Clinical and Related Waste and Asbestos Waste	Tak Son Recycling Pty Ltd	12714
36a Mavis Street, Revesby	837m, W	Hazardous, Industrial or Group A Waste Generation or Storage	Veolia Environmental Services (Australia) Pty Ltd	6192
35 Bryant Street, Padstow	928m, SE	Chemical Production Waste Generation	The Lincoln Electric Co (Australia) Pty Ltd	866
35 Bryant Street, Padstow	928m, SE	General Chemicals Storage	The Lincoln Electric Co (Australia) Pty Ltd	866
12 Short Street, Bankstown	952m, E	Hazardous, Industrial or Group A Waste Generation or Storage	Blue Point Products Pty Ltd	6865

4.6.3 Heritage Information

Review of Commonwealth, State and Local government heritage lists and registries was undertaken on 25 September 2023 to determine if the Site is subject to any significant environmental constraints from heritage items. The review indicated the Site is not listed on the Commonwealth Heritage List, National Heritage List or State Heritage Register.

4.7 Previous Environmental Assessment Reports

No environmental assessment or investigation reports are known to have been previously prepared for the Site or adjacent properties.

4.8 Summary of Site History

Based on the various sources of information reviewed, a summary of the history of the Site and surrounding areas is as follows:

- The Site was historical used for residential purposes, with a residential dwelling being present within different lots in the eastern portion of the Site fronting Chapel Road between at least 1930 and 1965.
- The first commercial use of the Site is likely to have commenced in the mid-1950s, where a medium-sized commercial building is shown to be present in the south east corner of the Site in 1955/56. This correlates with the purchase and ownership of part of the Site (Lot 1 DP 655843) by Mr Harold Vernon (storekeeper) and Mrs Mary Vernon from 1952 to 1965. During these years, historical business directories identified the following listings for the Site:
 - 1961: Cake Shop / Pastrycook (6a Chapel Road) and Newsagency (4 Chapel Road).
 - 1965: Cake Shop / Pastrycook (6a Chapel Road), Fruiterers & Greengrocers (6 Chapel Road) and Newsagency (4 Chapel Road).
- The Site may have been used for both residential and commercial purposes from the mid-1950s to late 1960s, but from at least 1970 the Site was redeveloped for commercial (likely retail) use, where the layout and configuration of the Site buildings appear to be similar to the current (2023) configuration. All lots that form the Site were then under the ownership of Guiseppe Caristo (from 1965 to 2007) and a range of tenants were identified to have occupied parts of the Site for business purposes including newsagent, chemist, cake shop, fruit shop, butcher shop, dance studio, taxation consultant and medical practitioner.
- Since 2007 there has been little change to the Site with business tenancy also being relatively consistent, which has included the following business activities: locksmith; fishing tackle; domestic lighting (retail); dry cleaners; newsagency; variety store (BBQ and gas heaters) and massage parlour.
- The only high risk business activity identified to be undertaken at the Site that would have the potential to cause contamination was the use as a dry cleaners from approximately 2008 to 2017.

5 Conceptual Site Model

Based on the outcomes of the desktop review and detailed site inspection, a Conceptual Site Model (CSM) has been developed to outline the framework for identifying how the Site may have become contaminated and how potential receptors may be exposed to contamination either in the present or the future. The key elements of the CSM as outlined in NEPC (2013) include:

- Known and potential sources of contamination;
- Contaminants of concern;
- Mechanism of contamination;
- Potentially affected media;
- Human and ecological receptors;
- Potential for migration; and
- Exposure pathways.

5.1 Known and Potential Sources of Contamination

Past and present land use activities undertaken at the Site and in the local area have been identified to comprise of a number of potential sources of contamination as described in **Table 5.1**.

Table 5.1: Potential Sources of Contamination

Potential Source	Evidence	Description
Dry Cleaning Activities	Business listings and EPA notice	A shopfront dry cleaning business operated from part of the Site between 2008 and 2017. An EPA Notice (refer Appendix H) was issued to the premise in relation to the management of waste products.
Atmospheric fallout of contaminants (lead) from motor vehicles	Site location	The Site is located at the intersection of a busy road network, which would be at risk of being affected by urban pollution from motor vehicle emissions.
Use of fill materials	Site investigations	A shallow layer of fill material was identified to be present across the ground surface of the western portion of the Site.
Carparking and material storage	Aerial photographs and site inspection	The central and western portion of the Site are used for carparking and material storage, generally ancillary to the use of the Site for retail activities
Local industry	Historical aerial photographs and business listings	The local area to the east of the Site has been used for light industrial purposes since the 1950s, noting that this area is likely to be located downgradient of the Site. A motor garage / service station operated opposite the Site (also downgradient) for many years).

5.2 Contaminants of Concern

Potential contaminants of concern typically associated with the identified potential sources of contamination are as follows:

- Volatile Organic Compounds (VOC).
- Heavy metals (lead, arsenic, cadmium, chromium, copper, mercury, nickel and zinc).
- Petroleum hydrocarbons (TRH/BTEXN).
- Polycyclic Aromatic Hydrocarbons (PAH).
- Asbestos.
- Organochlorine Pesticides (OCP).
- Polychlorinated Biphenyls (PCB).

5.3 Mechanism of Contamination

The primary mechanisms for contamination of the Site are determined by the sources of contamination, which have been assessed to include:

- Use and storage of dry cleaning chemicals and waste bi-products within part of the Site formerly operated as a shopfront dry cleaners, which may have involved the leakage and/or spillage of chemicals onto the ground surface.
- Atmospheric fallout of fine particulates from the combustion of fuels in motor vehicles from the adjacent arterial road network.
- Importation and placement of fill materials on the ground surface of the unsealed ground surfaces within the central and western portions of the Site from an unknown source.
- Leakage of fuels and oils from motor vehicles and equipment / materials stored within the central and western portions of the Site.

5.4 Potentially Affected Media

Potentially affected media at the Site are considered to be:

- Fill materials.
- Natural soils.
- Groundwater.
- Soil vapour

5.5 Human and Ecological Receptors

The current and proposed future land use of the Site has been assessed to fall under a commercial land use setting, where sensitive receptors would include:

- Workers at the premises
- Maintenance workers.
- Visitors / customers.

Considering the commercial (retail) land use setting of the Site where no vegetated areas are present, the built up infrastructure on the adjacent properties and the distances from the Site of the closest water body (Salt Pan Creak, over 1 kilometre to the east of the Site), there are unlikely to be any sensitive ecological receptors to any site-derived contamination.

5.6 Potential for Migration

Contaminants generally migrate via a combination of windblown dusts, rainwater infiltration, groundwater migration and surface water runoff, which is affected by the following:

- 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 potential contaminants of concern identified by this assessment are present in both solid and liquid form.

Liquid contaminants, such as chemicals associated with former dry cleaning activities, have the potential to infiltrate in to ground surfaces, which may then impact underlying natural soils and groundwater, although it noted that the portion of the Site where such land use activities may have occurred has a concrete pavement ground surface that was assessed to be in a good condition, with no evidence of cracking, deterioration or surface staining.

Solid contaminants, such as atmospheric fallout of fine particulates or substances such as heavy metals and/or asbestos-containing materials that may be present within fill materials, are more likely to accumulate within the surface / near surface soils in areas not covered by building or ground surface pavements.

Based on the nature of the potential contaminants of concern identified for the Site, the past and present infrastructure at the Site and the environmental setting of the Site, the potential for contamination to have occurred at the Site and to have migrated into the natural soils and groundwater is considered to be low, with surface / near surface soils and fill materials within the unsealed areas of the Site considered to be at highest risk of being affected by any site-derived contamination.

The potential for offsite sources of contamination to have impacted the Site through migration of contaminated groundwater and/or via vapour intrusion is also considered to be low, given that the identified potential sources of contamination are all located downgradient of the Site.

5.7 Exposure Pathways

Exposure pathways to site-derived contamination are dependent on the type and characteristics of the contaminants of concern. Based on the potential sources of contamination at the Site and the current and proposed future commercial land use setting, exposure pathways to any site-derived contamination could include:

- Inhalation, via vapour intrusion into buildings.
- Dermal contact.
- Ingestion.

Exposure to VOCs derived from dry cleaning chemical contamination that may be present at the Site via vapour intrusion into the current site buildings is considered to be the primary potential mechanism for exposure to contamination (if present) at the Site, albeit a low risk.

Considering the land use setting and operational nature of the Site, dermal exposure and ingestion of soil through eating or windblown exposure to impacted soils are considered relatively low and would be limited to receptors who may access the rear (central and western) portion of the Site. This area of the Site is currently covered with a layer of compacted gravel (DGB), which is considered to provide an adequate physical barrier to any subsurface contamination that may be present, with a potential complete exposure pathway only occurring should significant disturbance, eg. by excavation, of this ground layer occur.

Groundwater is not expected to be extracted or used at the Site, given the land use setting and typical low-yield, high salinity of groundwater sourced from the Ashfield Shale.

5.8 Potential Areas of Environmental Concern and Contaminants of Concern

Based on the CSM developed for the Site, a summary of the potential areas of environmental concern and potential contaminants of concern are presented in **Table 5.2**.

Table 5.2: Potential Areas of Environmental Concern and Contaminants of Concern

Potential Source	Potential Areas of Environmental Concern	Likelihood of Contamination	Likely Extent of Contamination	Potential Contaminants of Concern
Dry cleaning activities	South eastern portion of the Site, currently used by the massage parlour and adjacent newsagency	Low	Localised	• VOCs
Atmospheric fall out of fine particulate matter	Central and western portions of the Site, currently used for carparking and materials storage	Low	Widespread	• Heavy metals

Potential Source	Potential Areas of Environmental Concern	Likelihood of Contamination	Likely Extent of Contamination	Potential Contaminants of Concern
Fill materials	Central and western portions of the Site, currently used for carparking and materials storage	Low	Localised	• Heavy metals • PAH • Asbestos • OCP • PCB
Carparking and material storage	Central and western portions of the Site, currently used for carparking and materials storage	Low	Localised	• TRH/BTEXN • Heavy metals

6 Sampling, Analysis and Quality Plan

6.1 Assessment Strategy

For the assessment of contamination at the Site, the risk-based approach outlined in the NEPM (NEPC, 2013) has been adopted. This has involved a comprehensive assessment of the past and present land use activities undertaken at and adjacent to the Site to identify potential sources of contamination, which has been supplemented by targeted soil and soil vapour sampling and analytical programs to characterise the contamination status of subsurface conditions across the Site, focused on potential sources of contamination and contaminant exposure pathways as identified by the CSM.

6.2 Assessment Methodology

Details of the soil sampling and analytical program that was implemented to address the objectives of the project are provided in **Table 6.1**.

Table 6.1: Soil Investigation Methodology

Activity	Details
Sampling Locations	Five (5) boreholes (BH1, BH2, BH3, BH4 and BH5) were drilled at the Site as part of the soil investigation. The investigation locations were constrained by the existing buildings, although were able to be positioned in areas considered to be appropriate to provide a thorough characterisation of the contamination status of the subsurface soil conditions across the Site, targeted to areas assessed to have been at highest risk of being impact by the identified potential sources of contamination. The sampling locations are shown in Figure 2.
Soil Sampling	Boreholes drilling and soil sampling was undertaken on 29 September 2023 by an appropriately experienced and qualified environmental scientist. Borehole depths were extended through the gravel ground surface, underlying fill materials and into natural clay soils to a depth of 1 metre below the ground surface. Representatives samples were collected at various depths depending on the geological conditions that were encountered, including where a visible change in strata was identified, which typically included: • 0.1 – 0.2m. • 0.4 – 0.5m. • 0.9 – 1.0m. Soil samples were placed immediately into an appropriate laboratory-supplied sample container selected based on the nature of the potential contaminants of concern and stored in an ice filled esky during field activities and transport to the testing laboratory. New disposable nitrile gloves were used for the collection of all soil samples and non-disposal sampling equipment was decontaminated between sampling locations. All soil sampling was conducted in accordance AS 4482.1-2005. Borehole logs are provided in Appendix C.
Sample Handling and Transportation	All samples were immediately placed in an esky chilled with ice for transport to the nominated NATA accredited laboratory. Chain-of-custody documentation was prepared for sample transfer from the Site to the laboratory. A copy of the completed chain-of-custody documentation and sample receipt advice are included in Appendix G.

Activity	Details
QA / QC Procedures	All non-disposable sampling equipment was decontaminated with approximately 5% Decon 90 solution (phosphate-free) in potable water and rinsed with deionised water prior to use and between each sample location. Samples were collected using a new pair of disposal nitrile gloves for each sample. Samples were placed directly into new glass laboratory-prepared sample containers that are provided with Teflon lined caps.
Analytical Program	Representative soil samples from each location were submitted for laboratory analysis for the identified potential contaminants of concern. Details of the samples scheduled for analysis are provided in the Sample Register (refer Table 1 in Appendix G).

6.3 Soil Vapour Assessment Methodology

As discussed in **Section 5.1**, the operation of a dry cleaners within one of the retail shops, including the identified inappropriate management of dry-cleaning wastes (refer **Appendix H**), is considered to represent a potential point source of contamination to the Site. To assess whether such activities have caused contamination to the Site, it was determined that the primary indicator of the presence of such contamination is via the assessment of the vapour intrusion migration pathway, by direct measurement of sub-slab soil vapour.

Details of the targeted soil vapour investigation program are provided in **Table 6.2**.

Table 6.2: Soil Vapour Investigation Methodology

Activity	Details
Sampling Locations	One (1) soil vapour monitoring point (SV1) was installed within the garage area at the rear of the now Thai Massage premises, which is the area understood to have been formerly used for the storage of dry-cleaning wastes. The Vapour Pin™ was installed into the ground level concrete pavement to facilitate the collection of a sub-slab soil vapour sample. The sampling location is shown in Figure 2.
Soil Vapour Pin Installation	One (1) Vapour Pin™ were installed, which is a specific soil vapour sampling apparatus constructed of stainless steel. The Vapour Pin™ was decontaminated prior to use. A 16mm diameter hole was drilled using a hand held drill through the concrete slab and approximately 25mm into the underlying soil. The drill bit was removed and the hole brushed to remove loose cuttings. The lower end of the vapour pin containing a silicon seal was tapped into the drilled hole using a rubber mallet and a protective cap was placed on the vapour pin to prevent vapour loss prior to sampling. A leak test was conducted through the placement of a water dam around the Vapour Pin™ installation, which was confirmed to pass the water shut out test prior to commencing sample collection.

Activity	Details
Soil Vapour Sampling	Sampling was undertaken on 24 October 2023 by an appropriately experienced and qualified environmental scientist. The sample was collected as follows: • Purging was undertaken with a laboratory provided hand pump until a vacuum was achieved. All dead-air in the sample train was removed prior to sampling. • The vapour sample was obtained in specialised TO-15 vacuum canisters (1L) cleaned and pressurised by a NATA accredited laboratory. • A laboratory supplied flow regulator was fitted to the sample train, set at a maximum flow rate of 80 mL per minute. • Measurement of the vacuum within the soil vapour implant was monitored throughout sampling to ensure that the vacuum did not exceed -5" Hg. • Sampling continued until the summa canister was filled with soil vapour to a pressure of approximately -10" Hg.
Sample Handling and Transportation	The sample was transported within the laboratory supplied summa canister to the nominated NATA accredited laboratory. Chain-of-custody documentation was prepared for sample transfer from the Site to the laboratory (refer Appendix G).
QA / QC	All sampling equipment was decontaminated and certified for use by the NATA certified testing laboratory. All analysis was undertaken in accordance with the relevant standards as defined by NEPM (NEPC 2013) by Eurofins who are NATA-accredited for all required analytical methods. Field equipment used to perform sampling was calibrated prior to use by the testing laboratory. Leak testing was undertaken to ensure the sampling train and vapour pin were air tight. Data quality objectives are provided in Section 7.
Analytical Program	All collected soil vapour samples were scheduled for the USEPA TO-15 VOCs and NEPM TRH suite.

7 Data Quality Objectives

The DQO process is a systematic planning tool based on the scientific method for establishing criteria for data quality and for developing data collection designs. The DQOs define the experimental process required to test a hypothesis. The DQO process has been developed to ensure that efforts relating to data collection are cost effective, by eliminating unnecessary, duplicative or overly precise data whilst at the same time, ensuring the data collected is of sufficient quality and quantity to support defensible decision making.

It was recognised that the most efficient way to accomplish these goals is to establish criteria for defensible decision making before data collection began and to develop a data collection design based on these criteria. The DQO process was used to plan the investigation effort, improving the effectiveness, efficiency and defensibility of the decision in a resource and cost-effective manner.

The DQO process consists of seven steps, which were designed to clarify the study objectives, define the appropriate type of data and specify tolerable levels of potential decision errors. The seven-step DQO process is summarised as follows:

- Step 1: Define the Problem. The first step in the DQO process is to 'define the problem' that has initiated the investigation.
- Step2: Identify the Decision. The second step in the process is to define the decision statements that the study will attempt to resolve.
- Step 3: Identify Inputs to the Decision. In this step, the different types of information needed to resolve the decision statement are identified.
- Step 4: Define the Study Boundaries.
- Step 5: Develop a Decision Rule.
- Step 6: Specify Limits on Decision Errors.
- Step 7: Optimise the Design for Obtaining the Data.

7.1 Define the Problem

To determine whether there are any significant contamination issues at the Site that would pose a potential constraint to the proposed rezoning of the Site from SP2 (Infrastructure) to B1 (Neighbourhood Centre), under a commercial / industrial land use setting.

7.2 Identify the Decision

The relevant decision statements for this investigation are:

- Does contamination occur at the Site at concentrations that pose an unacceptable level of risk to human health and/or environmental receptors based on a commercial / industrial land use setting?

And if so:

- What measures could be adopted to mitigate or manage the risk?

7.3 Identify the Inputs to the Decision

Key data required to resolve the project problem includes the concentrations of contaminants of concern in soil and soil vapour, the pathways for contaminant movement and the location of sensitive receptors.

A robust, targeted sampling and analytical program has been designed to collect sufficient data to inform the decision statements and to provide a sound scientific and quality-assured dataset that can be relied on.

7.4 Define the Boundaries of the Study

The boundaries of the study are limited to the extent of the Site as defined in **Section 1.1**, **Section 2.1** and as shown in **Figure 2**. The vertical extent of the study boundaries is limited to the depth of investigations undertaken during sampling, giving due consideration to the underlying soils which would comprise the source of contamination at the Site (if present).

The temporal boundaries of the study extend across the dates for which environmental data has been collected for the Site (September to October 2023).

7.5 Develop a Decision Rule

The decision rule is:

- If the concentrations of contaminants are below the adopted investigation levels, and the data is of acceptable quality, then contamination issues are unlikely to pose a constraint to use of the Site under a commercial / industrial land use setting and remedial action is not required.
- If the concentrations of contaminants are above the adopted investigation levels, and the data is of acceptable quality, then further risk-based assessment of the data in the context of the CSM may be required to evaluate the significance of any contamination and determine whether remedial action is required.
- If it is assessed that an unacceptable risk of harm is posed by any identified contaminants to the identified receptors under the current and proposed future land use setting, then remedial action will be required to mitigate the risk to an acceptable level.

7.6 Specify Limits on Decision Errors

Two primary decision error-types may occur due to uncertainties or limitations in the project data set:

- A sample/area may be deemed to pass the nominated criteria, when in fact it does not. This may occur if contamination is 'missed' due to limitations in the sampling plan, or if the project analytical data set is unreliable.
- A sample/area may be deemed to fail the nominated criteria, when in fact it does not. This may occur if the project analytical data set is unreliable, due to inappropriate sampling, sample handling, or analytical procedures.

To minimise the potential for the decision errors above, a statistical evaluation of the data (including calculation of upper confidence limits) will be carried out where required.

In order to further evaluate the adequacy of the data, Data Quality Indicators (DQIs) have been established for precision, accuracy, representativeness, comparability and completeness. The DQIs for sampling techniques and laboratory analysis of collected samples identifies the acceptable level of error for the investigation.

The DQOs will be assessed by reference to DQIs as follows:

- **Precision** - measures the reproducibility of measurements under a given set of conditions. The precision of the laboratory data and sampling techniques is assessed by calculating the Relative Percent Difference (RPD) of duplicate samples.

$$RPD\% = \frac{(C_0 - C_d)}{C_0 + C_d} \times 200$$

Where C_0 is the analyte concentration of the original sample

C_d is the analyte concentration of the duplicate sample

Metech Consulting adopts a nominal acceptance criterion of +30% RPD for duplicates and splits for inorganics and a nominal acceptance criterion of +50% RPD for duplicates and splits for organics. However, it is noted that this will not always be achieved, particularly in heterogeneous soil or fill materials, or at low analyte concentrations.

- **Accuracy** - measures the bias in a measurement system. The accuracy of the laboratory data that are generated during this study is a measure of the closeness of the analytical results obtained by a method to the 'true' value. Accuracy is assessed by reference to the analytical results of laboratory control samples, laboratory spikes and analyses against reference standards.

The nominal "acceptance limits" on laboratory control samples are defined as follows:

- Matrix spikes – 70-130% recovery for metals.
- Laboratory blanks - <PQL.
- **Representativeness** - expresses the degree which sample data accurately and precisely represents a characteristic of a population or an environmental condition. Representativeness is achieved by collecting samples in an appropriate pattern across the Site and by using an adequate number of sample locations to characterise the Site.
- **Comparability** - expresses the confidence with which one data set can be compared with another. This is achieved through maintaining a level of consistency in techniques used to collect samples, ensuring analysing laboratories use consistent analysis techniques and reporting methods.
- **Completeness** - is defined as the percentage of measurements made which are judged to be valid measurements. The completeness goal is set at their being sufficient valid data generated during the study. If there is insufficient valid data, then additional data are required to be collected.

7.7 Quality Assurance / Quality Control

A program of quality assurance / quality control (QA/QC) was undertaken for the investigation program that comprised the following elements:

- Sample collection in accordance with documented standard operating procedures;
- Decontamination of all sampling equipment and the use of new, nitrile gloves for all sampling works; and
- Detailed review and evaluation of laboratory QA/QC data.

All analysis was undertaken in accordance with the relevant standards as defined by NEPM (NEPC 2013) by Eurofins Environmental and SGS Environmental who are NATA-accredited for all required analytical methods.

The Data Quality Indicators (DQIs) used to evaluate the data are outlined in **Table 7.1**.

Table 7.1: Quality Assurance and Quality Control Program

Data Quality Indicator	Frequency	Acceptance Criteria
Precision		
Blind duplicates (inorganics)	1 in 20 samples	<30% RPD
Laboratory duplicates	1 in 20 samples	< 30% RPD
Accuracy		
Surrogate spikes	All Organic Samples	60 – 140%
Matrix spikes (inorganics)	1 per Batch	60 – 140%
Matrix spikes (organics)	1 per Batch	70 – 130%
Laboratory Blanks	1 per Batch	<PQL
Representativeness		
Sampling appropriate for media and analytes	All Samples	All Samples
Samples extracted and analysed within holding times	All Samples	NEPM (2013) limits and laboratory limits required for NATA accreditation
Completeness		
Soil description and COCs completed and appropriate	All Samples	Borehole logs included in report. COCs signed and included in report

Data Quality Indicator	Frequency	Acceptance Criteria
Appropriate documentation	Soil vapour samples	Field sheet documenting conditions during sampling, cannister vacuum and times of sampling
Satisfactory frequency and result for QC samples	All Samples	All Samples
Comparability		
Standard operating procedures used for sample collection and handling	All Samples	All Samples
NATA-accredited analytical methods used for all analytes	All Samples	All Samples
Consistent field conditions, sampling staff and laboratory analysis	All Samples	All Works
Limits of reporting appropriate and consistent	All Samples	All Samples

8 Assessment Criteria

8.1 Soil

The purpose of any contaminated land assessment is to determine the human health and ecological risks associated with the presence of site contamination and to inform any remediation or management plan to make the site fit for the current or proposed land use. The appropriate use of investigation levels is an integral component of the assessment process.

The *National Environment Protection (Assessment of Site Contamination) Measure 1999* (NEPC 2013) outlines the framework for implementing a Tier 1 risk assessment using investigation and screening levels. A Tier 1 assessment is a risk-based analysis comparing site data with generic investigation and screening levels for various land uses to determine the need for further assessment or development of an appropriate management strategy.

NEPC (2013) provides both environmental investigation / screening levels (EILs/ESLs) and health-based investigation / screening levels (HILs/ HSLs) for the following land use settings:

- **HIL A:** Residential with garden/accessible soil (home grown produce <10% fruit and vegetable intake (no poultry), includes children's day care centres, preschools and primary schools.
- **HIL B:** Residential with minimal opportunities for soil access, includes dwellings with fully and permanently paved yard space such as high-rise buildings and flats.
- **HIL C:** Public open space such as parks, playgrounds, playing fields (eg. ovals), secondary schools and footpaths.
- **HIL D:** Commercial/industrial such as shops, offices, factories and industrial sites.

The HILs have been derived for the above land use scenarios based on long-term exposures for the most sensitive receptor populations exposed. The HILs are therefore considered to be protective of exposures to other receptor populations.

Based on the CSM developed for the Site and in comparison to the CSM's developed for the above four (4) generic land use settings (NEPC 2013), it has been determined that the most appropriate land use setting for the Site with a proposed "business" land use zoning of B1 (Neighbourhood Centre) is **HIL D – Commercial / Industrial**.

Potential risks to ecological receptors to site-derived contamination have been assessed based on the following ecological criteria provided in NEPC (2013):

- EIL: Urban residential and public open space for aged contaminants, generic values.

The adopted site assessment criteria for the investigation are outlined in **Table 8.1**.

Table 8.1: Soil Assessment Criteria

Parameter	Ecological Criteria ^{1,2} (mg/kg)	Human Health Criteria ^{3,4,9} (mg/kg)
Arsenic	160	3,000
Cadmium	3 ¹¹	900
Chromium	530 ⁸	3,600
Copper	300 ^{5,6,7}	240,000
Lead	1,800	1,500
Mercury	1 ¹¹	730 ¹⁰
Nickel	290 ⁶	6,000
Zinc	710 ^{6,7}	400,000
Benzo(a)Pyrene	0.7	40
Total PAH	-	4,000
Benzene	95	4
Toluene	135	-
Ethylbenzene	185	-
Xylenes	95	-
Naphthalene	370	-
F1 (C ₆ -C ₁₀)	215	310 ⁴ / 800 ⁹
F2 >C ₁₀ -C ₁₆	170	1,000 ⁹
F3 >C ₁₆ -C ₃₄	2,500	6,600
F4 >C ₃₄ -C ₄₀	5,000	10,000
Total PCB	-	7
DDT+DDE+DDD	-	3,600
Aldrin and dieldrin	-	45
Chlordane	-	530
Endosulfan	-	2,000
Endrin	-	10
Heptachlor	-	50

Parameter	Ecological Criteria ^{1,2} (mg/kg)	Human Health Criteria ^{3,4,9} (mg/kg)
HCB	-	80
Methoxychlor	-	2,500
Mirex	-	100
Toxaphene	-	160

- ¹ Environmental Investigation Levels – Commercial and Industrial (NEPC 2013). Inorganic compounds.
- ² Environmental Screening Levels – Commercial and Industrial (NEPC 2013). Organic compounds. 'FINE' soil texture criteria adopted based on the 'Clay' geological conditions present at the Site.
- ³ Health-based Investigation Levels – Commercial/Industrial HIL D (NEPC 2013).
- ⁴ Heath Screening Levels - Commercial and Industrial (NEPC 2013). Organic compounds. 'FINE' soil texture criteria adopted based on the 'Clay' geological conditions present at the Site.
- ⁵ The ACL for soils with total organic carbon of 1.3% has been adopted.
- ⁶ Based on cation exchange capacity of 10.1 meq/100g.
- ⁷ Based on average pH site soils being 7.2.
- ⁸ The ACL for soils with clay content of 5% has been adopted.
- ⁹ Management Limits for TPH Fractions F1-F4 (NEPC 2013).
- ¹⁰ Based on inorganic mercury.
- ¹¹ NSW DEC (2006) *Provisional phytotoxicity-based investigation level adopted for initial screening purposes.*

8.2 Soil Vapour

Sub-slab soil vapour results have therefore been screened against primary soil vapour screening criteria as follows:

- *National Environment Protection (Assessment of Site Contamination) Measure - NEPM (2013)* – Soil vapour Health Screening Levels (HSL D: Commercial / Industrial), 0 – 1 metre depth in clay soils.
- *National Environment Protection (Assessment of Site Contamination) Measure - NEPM (2013)* – Interim soil vapour Health Investigation Levels (HILS) for Volatile Organic Chlorinated Compounds (Commercial / Industrial D), 0 – 1 metre depth.

Where no NEPM criteria exists and analytes have been detected in concentrations above the limit of reporting, then results have been screened against a secondary soil vapour screening criteria as follows:

- *Safe Work Australia (SWA) (2022) Workplace Exposure Standards for Airborne Contaminants* (8-hour time weighted average).

The measured sub-slab gas concentrations are not exposure concentrations in indoor or outdoor air and the actual exposure concentration will be significantly less than the measured soil vapour concentration due to processes of diffusion and dilution/mixing within the soil profile and in the indoor/ambient air environments (collectively referred to as attenuation). An attenuation factor of 0.1 for soil vapour to indoor is consistent with guidance from the NEPM (2013) for chlorinated compounds. These screening values are highly conservative, and exceedance of these screening values does not indicate a health risk and merely indicates that further risk assessment may be warranted.

Screening criteria for the identified primary potential contaminants of concern, including compounds chemicals detected above the limit of reporting (LOR), are presented in **Table 8.2**.

Table 8.2: Soil Vapour Assessment Criteria

Chemical of Concern in Soil Vapour	Soil Vapour Screening Criteria (mg/m ³)	Screening Criteria Reference
Benzene	5	NEPM (2013) HSL D (0 - <1m, clay)
Toluene	6,500	NEPM (2013) HSL D (0 - <1m, clay)
Ethylbenzene	1,800	NEPM (2013) HSL D (0 - <1m, clay)
Xylene (total)	1,200	NEPM (2013) HSL D (0 - <1m, clay)
Naphthalene	4	NEPM (2013) HSL D (0 - <1m, clay)
F1 (TRH C6-C10 - BTEX)	1,000	NEPM (2013) HSL D (0 - <1m, clay)
F2 (TRH >C10-C12 - Naphthalene)	800	NEPM (2013) HSL D (0 - <1m, clay)
1,1,1-trichloroethane (1,1,1-TCA)	230	NEPM (2013) Interim HIL D for VOCC
cis-1,2-Dichloroethene	0.3	NEPM (2013) Interim HIL D for VOCC
Tetrachloroethene (PCE)	8	NEPM (2013) Interim HIL D for VOCC
Trichloroethene (TCE)	0.08	NEPM (2013) Interim HIL D for VOCC
Vinyl Chloride	0.1	NEPM (2013) Interim HIL D for VOCC
1,2,4-Trimethylbenzene	123	SWA (2022) Workplace Exposure Standards
Acetone	1,185	SWA (2022) Workplace Exposure Standards
Carbon Disulfide	31	SWA (2022) Workplace Exposure Standards
Cyclohexane	350	SWA (2022) Workplace Exposure Standards
Ethanol	1,180	SWA (2022) Workplace Exposure Standards
Heptane	164	SWA (2022) Workplace Exposure Standards

9 Results

9.1 Weather Conditions

Weather conditions may influence shallow soil vapour concentrations. For that reason, weather records for October 2023 have been evaluated as part of this assessment.

The magnitude of the effect of changes in soil vapour concentration in response to changes in soil moisture content has not been clearly established in the literature, however, increasing moisture content in the soil profile is expected to have a minor impact on soil vapour concentrations.

In the 24 hours prior to the installation of the Vapour Pins™, rainfall at Bankstown was 0.0mm and 0.0mm in the 24 hours prior to that. No rainfall was recorded on the day of sampling.

Temperature of the soil profile also has an effect on soil pore vapour concentrations, although the effect is relatively small.

The weather conditions prevailing during the period leading up to the soil vapour testing and during the time of the testing (Bankstown) were 12.2^o C to 29.4^o C the day prior to sampling and 11.5^o C to 32.1^o C on the day of sampling. In comparison to the monthly average temperature for Bankstown in October (12.1^o C to 26.2^o C) the weather conditions are considered to be marginally warmer than average, although with the typical range of weather variation for that month.

Accordingly, vapour results can be considered to be representative of normal conditions.

9.2 Field Observations

No current potential sources of contamination were identified at the Site, nor were any areas of potential contamination such as areas of fuel/oil staining of concrete surfaces or staining / discolouration of soils and/or odours soils identified.

No potential hazardous building materials were identified to be present at the Site, which were considered to pose a potential contamination risk.

Soil conditions encountered at the Site were relatively consistent and generally consisted of three (3) main types of materials (refer **Appendix C**):

- Surface covering: Layer of compacted gravel (DGB) covers the central and western portion of the Site, outside of the areas covered by buildings. The DGB layer is present from a depth of 0.0 to 0.2 metres, which consist of a grey/brown gravel (up to 20mm) and fine grained sand/silt. Due to the area's typical use as a carpark, the surface layer is well compacted.
- Fill material: Silty clay soil mixed with gravel and minor amounts of crushed rock, extending to a depth of approximately 0.4 to 0.6 metres below ground level (thickness of 0.2 to 0.4 metres). The fill materials were firm to stiff, with low to moderate plasticity clay.
- Natural soil: Silty clay mottled yellow/brown/grey, stiff, moist, moderate to high plasticity, with minor ironstone gravel inclusions.

Other than some minor inclusions of brick fragments within the fill materials at BH1 and BH5, no other anthropogenic materials were identified within the subsurface soils.

No asbestos-containing materials (ACM) were visibly identified in any areas of the Site, including within the fill materials.

No groundwater inflow was identified to be present within the depths of the investigation, which extended.

9.3 Soil Contamination Analytical Results

Analytical results are provided in summary tables included in **Appendix B**, with the laboratory certificates provided in **Appendix G**. The sampling locations are shown on **Figure 2**.

The results from the analytical program are summarised as follows:

- Concentrations of all heavy metals were reported to be below the adopted site assessment criteria.
- Concentrations of Polycyclic Aromatic Hydrocarbons (PAH) were reported to be below the adopted site assessment criteria.
- Concentrations of semi-volatile and volatile Total Recoverable Hydrocarbons (TRH), Benzene, Toluene, Ethylbenzene and Xylenes and naphthalene (BTEXN) were reported to be less than the laboratory limit of reporting (LOR) and below the adopted site assessment criteria.
- Concentrations of Volatile Organic Compounds (VOC) were reported to be less than the laboratory limit of reporting (LOR) and below the adopted site assessment criteria.
- Concentrations of Organochlorine Pesticides (OCP) were reported to be less than the laboratory limit of reporting (LOR) and below the adopted site assessment criteria.
- Concentrations of Polychlorinated Biphenyls (PCB) were reported to be less than the laboratory limit of reporting (LOR) and below the adopted site assessment criteria.
- No respirable asbestos fibres were identified within any of the soil samples analysed.
- One (1) soil sample (BH1/0.3) was reported to contain a small, single fragment of asbestos-containing material (ACM), which was reported to be a 14x10x4mm fragment of cement sheet containing Chrysotile asbestos. No ACM was identified within any other sample.

9.4 Sub-slab Soil Vapour Analytical Data

Soil vapour was sampled from beneath the concrete pavement of the former dry cleaning premise, in the area of the premise that was subject to historical storage of dry cleaning waste products as per the details of the EPA Notice (refer **Appendix H**). The soil vapour sample was subject to analysis for a suite of 62 volatile organic compounds, comprising chlorinated compounds and petroleum hydrocarbons.

Results are presented in **Appendix B**, with the laboratory reports provided in **Appendix G**.

Concentrations of all analytes in soil vapour were reported below the adopted screening levels, with only low level concentrations of the following analytes being reported above the laboratory limit of reporting:

- Volatile Total Recoverable Hydrocarbons:
 - Benzene: 0.32 mg/m³ (assessment criteria is 5 mg/m³).
 - Toluene: 0.65 mg/m³ (assessment criteria is 6,500 mg/m³).
 - Ethylbenzene: 0.186 mg/m³ (assessment criteria is 1,800 mg/m³).
 - Xylene (total): 0.299 mg/m³ (assessment criteria is 1,200 mg/m³).
- Volatile Organic Compounds:
 - 1,2,4-Trimethylbenzene: 19 ug/m³ (below the screening criteria of 123,000 ug/m³).
 - 1,2-Dichloropropane: 53 ug/m³ (no available screening criteria).
 - 4-Ethyltoluene: 17 ug/m³ (no available screening criteria).
 - Acetone: 1,600 ug/m³ (below the screening criteria of 1,185,000 ug/m³).
 - Carbon Disulfide: 40 ug/m³ (below the screening criteria of 31,000 ug/m³).
 - Cyclohexane: 2,000 ug/m³ (below the screening criteria of 350,000 ug/m³).
 - Ethanol: 360 ug/m³ (below the screening criteria of 1,800,000 ug/m³).
 - Heptane: 1,600 ug/m³ (below the screening criteria of 164,000 ug/m³).
 - Hexane: 1,900 ug/m³ (below the screening criteria of 164,000 ug/m³).
 - Tetrachloroethene: 3,900 ug/m³ (below the adopted screening level of 8,000 ug/m³).

9.5 QA / QC Results

The QA/QC results were assessed against the pre-determined DQI as shown in **Table 9.1**.

Table 9.1: Quality Assurance / Quality Control Results

Data Quality Indicator	Result	DQI Achieved
Precision		
Blind duplicates (inorganics)	<30% RPD	Yes
Laboratory Duplicates (inorganics)	<30% RPD	Yes
Laboratory Duplicates (organics)	<50% RPD	Yes
Accuracy		
Surrogate spikes	60 – 140%	Yes
Matrix spikes (inorganics)	60 – 140%	Yes

Data Quality Indicator	Result	DQI Achieved
Matrix spikes (organics)	70 – 130%	Yes
Laboratory Blanks	<PQL	Yes
Representativeness		
Sampling appropriate for media and analytes	All Samples	Yes
Samples extracted and analysed within holding times	NEPM (2013) limits and laboratory limits required for NATA accreditation	Yes
Completeness		
Soil description and COCs completed and appropriate	Borehole logs included in report. COCs signed and included in report	Yes
Appropriate documentation	Field sheet documenting conditions during sampling, cannister vacuum and times of sampling	Yes
Satisfactory frequency and result for QC samples	All Samples	Yes
Comparability		
Standard operating procedures used for sample collection and handling	All Samples	Yes
NATA-accredited analytical methods used for all analytes	All Samples	Yes
Consistent field conditions, sampling staff and laboratory analysis	All Samples	Yes
Limits of reporting appropriate and consistent	All Samples	Yes

Based on the results of the QA/QC program as outlined above, the data produced from the assessment works are considered to be precise, accurate, representative, complete and comparable. A minor exceedance of the 30% RPD value for the blind duplicate sample paid (BH5/0.5 and QA1) was reported for lead (35%) and a minor exceedance of the 30% RPD value for the laboratory duplicate sample was also reported for lead (60%). These minor variance are likely attributed sample heterogeneity and as the sample concentrations were low, close to the PQL value and well below the adopted site assessment criteria, these results are not considered to affect the overall quality of the reported data.

Therefore the data is considered to be of an acceptable quality upon which appropriate conclusions and decisions can be made with respect to the environmental conditions at the Site.

10 Discussion

Section 7.1 identified the key problem for which this assessment sought to investigate, which was to determine whether there are any significant contamination issues at the Site that would pose a potential constraint to the proposed rezoning of the Site from SP2 (Infrastructure) to B1 (Neighbourhood Centre), under a commercial / industrial land use setting.

In accordance with the decision-making process for assessing urban redevelopment sites detailed in DEC (2006) and the pre-determined project DQOs, the decisions required to be made are discussed below.

Does contamination occur at the Site at concentrations that pose an unacceptable level of risk to human health and/or environmental receptors based on a commercial / industrial land use setting?

And if so:

What measures could be adopted to mitigate or manage the risk?

The contamination assessment has identified that there have been limited potentially contaminating activities undertaken at the Site, which include:

- Former use of part of the retail premises as a shopfront dry cleaners, including the storage of dry cleaning waste bi-products.
- Use of fill materials (potentially imported from an unknown source) across the central and western portions of the Site.
- Use of the central and western portions of the Site for parking of motor vehicles and equipment / material storage.

Potential offsite sources of contamination have also been identified, limited to:

- Atmospheric fallout of fine particulates from the combustion of fuels in motor vehicles associated with the use of the adjacent arterial road network.
- Industrial land use activities in the local area.

The CSM presented in **Section 5** determined that based on a number of factors, each of these potential sources of contamination posed only a low risk of causing contamination to the Site.

The assessment did identify that the retail premise that was formally operated as a dry cleaners was subject to a former Notice of Clean-up Action (dated 15 March 2013) that was issued by NSW EPA. The Notice related to the apparent inappropriate storage of a dry cleaning chemical bi-product (Perchloroethylene [PERC]), which was understood to be stored within containers within the rear garage portion of the premise. Recent discussions were had with EPA officers to further assess the significance of the Notice (refer **Appendix H**), who advised that EPA records indicate that the requirements of the Notice had been adequately addressed in the past and that the Clean-up Notice was closed and no longer in force.

The subsequent programs of soil and soil vapour sampling were designed to target all of the identified potential on and offsite sources of contamination, based on the outcomes of the CSM.

With reference to the results as described in **Section 9** and as tabulated in **Appendix B**, it has been confirmed that concentrations of all identified potential contaminants of concern in both soil and soil vapour were reported to be low and below the adopted site assessment criteria, with the exception of:

- A small fragment of bonded-ACM being identified within the subsurface soils (fill materials) at BH1 (depth of 0.2 – 0.3 metres).

The asbestos result relates to a sample of fill material present within the central portion of the Site, beneath the compacted gravel (DGB) ground surface covering. The fill materials in this location were not identified to contain ACM at the time of the site investigation works, although it is noted that minor amount of brick rubble was identified at this location.

The asbestos result is not considered to pose a significant risk to the continued use of the Site for commercial / industrial purposes, given that:

- The asbestos was limited to a small fragment of bonded fibro-cement sheeting, which is a low risk form of asbestos.
- No asbestos fibres (high risk asbestos) were identified in the soil sample at this location, nor elsewhere across the Site.
- No evidence has been identified to indicate that ACM would be widespread throughout the Site, and it is most likely that the ACM is associated with the limit extent of fill materials that have been identified to be present at the Site.
- The fill material at this location (and elsewhere across the Site), are covered by a layer of compacted gravel (DGB), which at a thickness of approximately 0.2 metres, is considered to be adequate to mitigate exposure risk to the asbestos during normal operations of the Site under a commercial / industrial land use setting.

Regarding the use of part of the retail premise as a dry cleaners:

- It has been confirmed that the requirements of the former Notice of Clean-up Action have been satisfactorily addressed by the former tenant and that no further action is required. Based on the discussions with EPA, it is understood that the Notice was issued following a widespread program of compliance audits of shopfront dry cleaners throughout the Sydney region by EPA back in 2013, rather than the EPA having any particular reason for concern regarding the operations of this particular dry cleaning business.
- No evidence of the former use of the premise as a dry cleaning business were identified by the investigation, including no evidence of chemical spillage/leakage at the premise (eg. surface staining, deterioration of concrete pavement) or in the subsurface soils (eg. staining or odours).
- The results of the soil sampling completed in this area of the Site (BH4) did not show any indications of the presence of contamination, with results for all potential contaminants of concern reported at concentrations below the adopted site assessment criteria, including VOCs, which were reported at levels below the laboratory limit of reporting.

- The results from the soil vapour sampling that targeted the area of the Site understood to have been used for the storage of PERC reported concentrations of all potential contaminants of concern at concentrations below the adopted site assessment criteria. Low level detections of several VOCs were reported, including TCE and PCE (primary indications of dry cleaning chemical use), although these were all at concentrations below the adopted site assessment criteria applicable to a commercial / industrial land use setting.

Based on the overall findings from the assessment, it has been determined that no further investigations are required, that the Site has a low contamination risk and that the Site is suitable for use under a commercial / industrial land use setting.

11 Conclusions

Metech Consulting was commissioned to undertake a contamination assessment of the property located at 4 – 6 Chapel Road, Bankstown, for the purpose of identifying any constraints posed by the presence of contamination that may affect its suitability to be used for commercial / industrial purposes.

The scope of the assessment undertaken was developed in accordance with the NEPM risk-based framework that included a detailed evaluation of the history of the Site and surroundings properties to identify the environmental setting and past and present land use activities that may pose a contamination risk, which was supported by a program of targeted sampling and analysis to identify whether contamination was present at the Site, based on the CSM that had been developed.

The objectives of the assessment were to:

- Assess current and historical land use operations for the Site and adjacent properties to identify potential on and off-site sources of contamination;
- Determine the nature of potential contaminants (if any) and the potential location(s) of contamination issues across the Site;
- Identify the presence of any potentially significant contamination issues at the Site that may pose a potential constraint to the ongoing use of the Site under a commercial / industrial land use setting; and
- Determine the suitability of the Site for commercial / industrial land use.

Based on a detailed evaluation of the site history, it was determined that the Site was historically used for residential purposes (from at least 1930 through to the mid 1960s), then later (around 1950s) and in conjunction with ongoing residential use of parts of the Site, was developed for commercial use, which included retail premises fronting Chapel Road. The existing site buildings were constructed by the 1970s and there has been little change to the layout and configuration of the Site since this time, with retail premises present within the eastern portion and the central and western portions being undeveloped and generally used for carparking and storage, ancillary to the retail use of the Site.

The majority of businesses that have operated from the retail premises have been assessed to pose a low contamination risk, which have included use for a newsagent, chemist, cake shop, fruit shop, butcher shop, dance studio, taxation consultant, medical practitioner, fishing tackle & bait, variety store and massage parlour. However it has been identified that one of the retail shops (4/6a Chapel Road) was operated as a shopfront dry cleaners from approximately 2008 to 2017, which was assessed to pose a potential contamination risk to the Site.

With reference to the project objectives, the following key findings are made:

- Limited potentially significant sources of contamination were identified at the Site relating to past and present land use activities, which included the former use of part of Site as a shopfront dry cleaners, the use of parts of the Site for carparking and equipment / material storage and the presence of fill materials originating from an unknown source that are present across the central and western portions of the Site.

- Based on the environmental setting of the Site, potential offsite sources of contamination were assessed to be limited to atmospheric fallout of fine particulates from the combustion of fuels in motor vehicles associated with the use of the adjacent arterial road network, with other industrial land use activities undertaken in the local area assessed to be located downgradient of the Site, hence posing a negligible contaminant migration risk.
- A comprehensive program of soil and soil vapour sampling and analysis was designed based on the outcomes of the CSM, which targeted the identified potential sources of contamination. The results from the sampling programs determined that concentrations of all identified potential contaminants of concern in both soil and soil vapour were low and below the adopted site assessment criteria applicable to a commercial / industrial land use setting, with the exception of asbestos at one location.
- The small fragment of fibro-cement sheeting containing bonded-ACM was identified within the subsurface soils (fill materials) at BH1, which was assessed to not posing a significant risk to the continued use of the Site for commercial / industrial purposes, given that:
 - The asbestos was limited to a fragment of bonded fibro-cement sheeting, which is a low risk form of asbestos.
 - No asbestos fibres (high risk asbestos) were identified in the soil sample at this location, nor elsewhere across the Site.
 - No evidence has been identified to indicate that ACM would be widespread throughout the Site, and it is most likely that the ACM is associated with the limit extent of fill materials that have been identified to be present at the Site.
 - The fill material at this location (and elsewhere across the Site), are covered by a layer of compacted gravel (DGB), which at a thickness of approximately 0.2 metres, is considered to be adequate to mitigate exposure risk to the asbestos during normal operations of the Site under a commercial / industrial land use setting.
- No evidence was identified to indicate that the former use of part of the Site as a dry cleaners premise has caused any significant contamination that may affect the continued use of the Site for commercial / industrial purposes, with:
 - Confirmation from NSW EPA that the requirements of the former Notice of Clean-up Action have been complied with; and
 - Concentrations of all potential contaminants of concern in soil and soil vapour being reported at concentrations below the adopted site assessment criteria.

Based on these findings it is concluded that contamination is unlikely to pose a significant constraint to the ongoing use of the Site and that the Site is suitable for commercial / industrial land use without the need for any further investigation or management action.

Should redevelopment of the Site be proposed in the future, then the extent of asbestos contamination within the fill materials should be further assessed and managed as part of the development works.

12 References

Contaminated Land Management Act 1997.

Canterbury Bankstown Local Environment Plan 2023

Department of Urban Affairs and Planning (1998) *Planning Guidelines: SEPP 55 (Remediation of Land) – Managing Land Contamination*

Environmental Planning and Assessment Act 1979.

National Environment Protection Council (NEPC 2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999.*

NSW Environment Protection Authority (EPA 2020) *Contaminated Land Guidelines: Consultants Reporting on Contaminated Land.*

NSW Office of Environment and Heritage (OEH 2016) *SALIS: NSW Soil & Land Information System.*

Protection of the Environment Operations Act 1997.

State Environmental Planning Policy (Resilience and Hazards) 2021

13 Limitations

Metech Consulting prepared this report in accordance with the scope of work as outlined in our proposal to Tony Hanna & Sons Pty Ltd and Lou & Mansour Pty Ltd dated 22 September 2023 and in accordance with normal prudent practice and by reference to applicable environmental regulatory authority and industry standards, guidelines and assessment criteria in existence at the date of this report and any previous site investigation and assessment reports referred to in this report.

This report should be read in full and no excerpts are to be taken as representative of the findings. No responsibility is accepted by Metech Consulting for use of any part of this report in any other context.

Subsurface conditions can vary across a particular site and cannot be exhaustively defined by the investigations carried out prior to this report. It is unlikely therefore that the results and estimations expressed or used to compile this report will represent conditions at any location removed from the specific points of sampling.

Site conditions may change over time. This report is based on conditions encountered at the Site at the time of the report and Metech Consulting disclaims responsibility for any changes that may have occurred after this time.

The conclusions presented in this report represent Metech Consulting's professional judgement based on information made available during the course of this assignment and are true and correct to the best of Metech Consulting's knowledge as at the date of the assessment.

Metech Consulting did not independently verify all of the written or oral information provided to Metech Consulting during the course of this investigation. While Metech Consulting has no reason to doubt the accuracy of the information provided to it, the report is complete and accurate only to the extent that the information provided to Metech Consulting was itself complete and accurate. Metech Consulting assumes no liability for any inaccuracies in or omissions to that information.

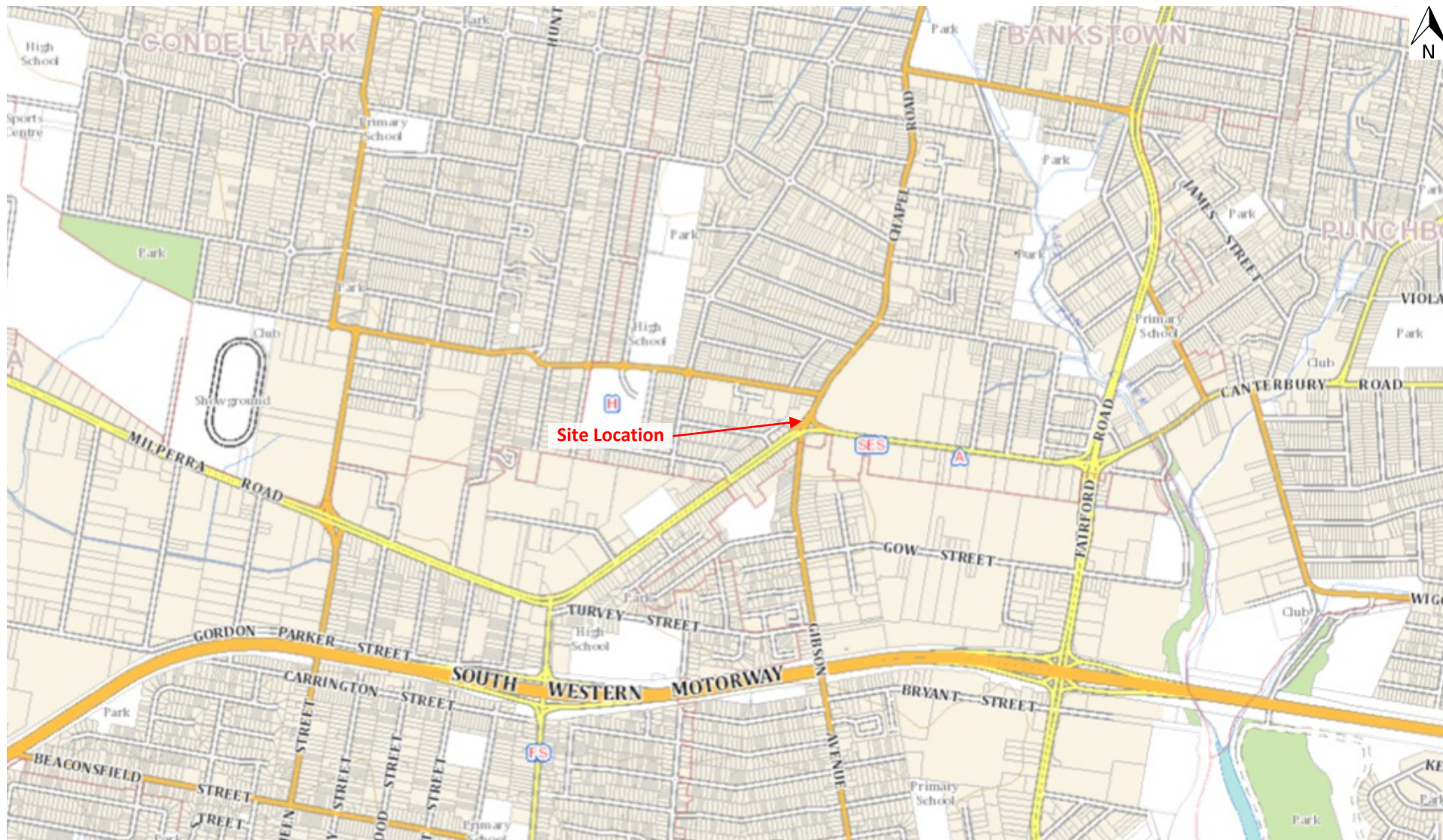
This report does not purport to give legal advice. This advice can only be given by qualified legal advisors.

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13.1 User Reliance

This report has been prepared exclusively for Tony Hanna & Sons Pty Ltd and Lou & Mansour Pty Ltd and may not be relied upon by any other person or entity without Metech Consulting's express written permission.

Figures



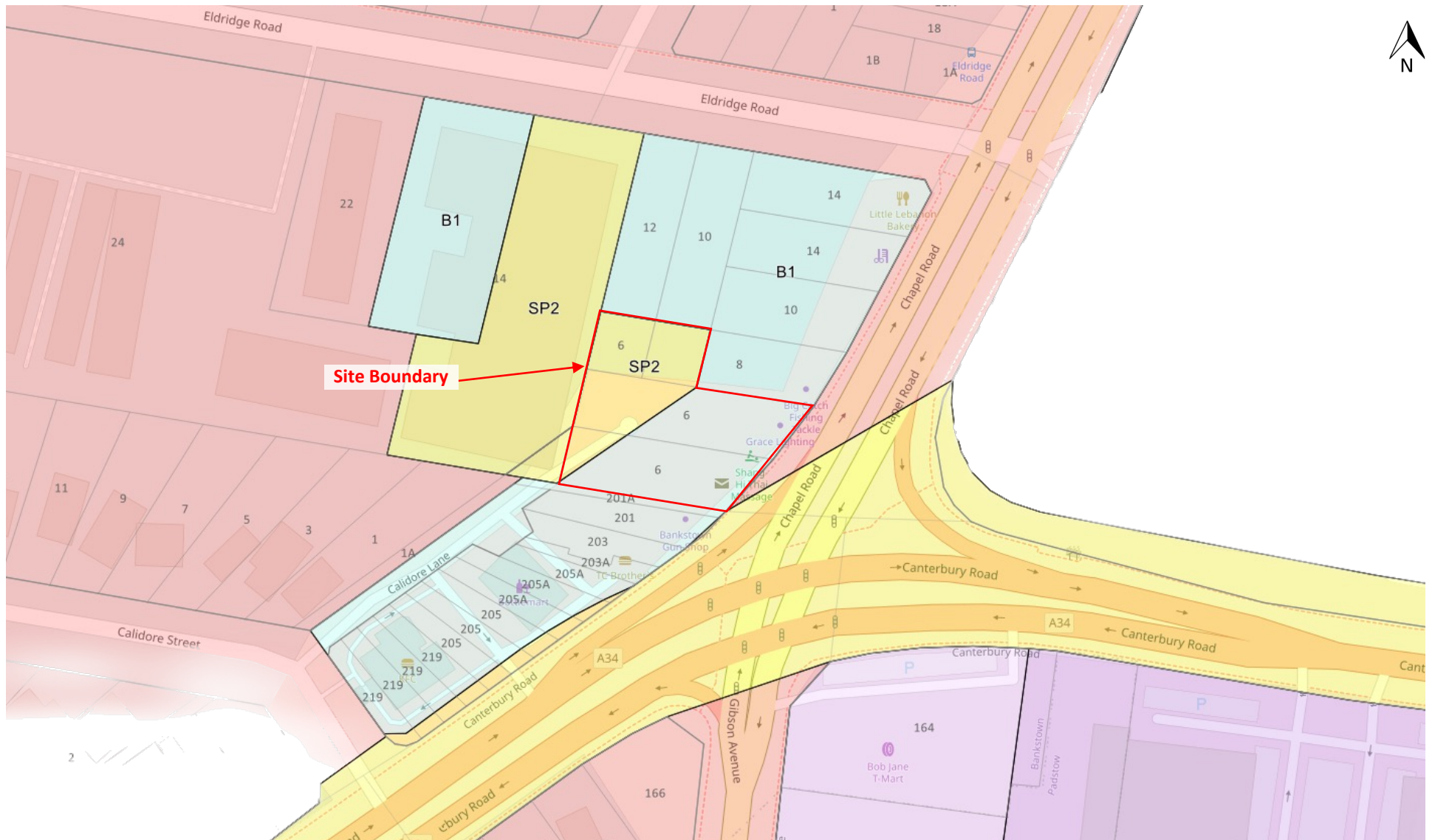
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Project number: EP241-RP01
Source: SIX Maps, 2018
Date: 11 October 2023

TITLE: Figure 1 – Site Location
PROJECT: Contamination Assessment
4 – 6 Chapel Road, Bankstown, NSW
CLIENT: Tony Hanna & Sons Pty Ltd
Loue & Mansour Pty Ltd





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Project number: EP241-RP01

Source: Canterbury-Bankstown Council, 2023

Date: 11 October 2023

TITLE: Figure 3 – Existing Property Land Use Zoning

PROJECT: Contamination Assessment
4 – 6 Chapel Road, Bankstown, NSW

CLIENT: Tony Hanna & Sons Pty Ltd
Loue & Mansour Pty Ltd

Appendix A

Site Photographs



Photograph 1: Retail shops in the eastern portion of the Site fronting Chapel Street, facing north.



Photograph 2: Retail shops in the eastern portion of the Site fronting Chapel Street, facing south.



Photograph 3: Rear (western) side of the retail shops (showing the shops in Lot 2 DP 655844), facing east.



Photograph 4: Rear (western) side of the retail shops (showing the shops in Lot 1 DP 655843), facing east.



Photograph 5: The carpark area in the western portion of the Site facing south west, with the unnamed laneway that provides access to the carpark shown in the background.



Photograph 6: The carpark area in the western portion of the Site facing north east, with the rear facades of the retail shops shown in the background.



Photograph 7: Typical ground condition encountered within the western portion of the Site (carpark area).



Photograph 8: The northern eastern portion of the Site, which is currently predominantly vacant, with minor material storage.



Photograph 9: The rear portion of the former dry-cleaning premises and the location of where it is understood that dry cleaning waste the subject of an EPA Clean-up Notice were stored (building with green roller door).



Photograph 10: Soil vapour sampling setup that was completed in the area the subject of the former NSW EPA Clean-up Notice.

Appendix B

Analytical Result Summary Tables

Table 1
Contamination Assessment: 4 - 6 Chapel Street, Bankstown, NSW
Sample Register

Sample ID	Date Sampled	Sample Interval	Sample Type	Material Description	Analytes Tested ¹
BH1/0.3	29/9/2023	0.2-0.3	Soil	Fill material	Metals, TRH, BTEXN, PAH, OCP, PCB, Asbestos
BH1/0.5	29/9/2023	0.4-0.5	Soil	Silty clay	Hold
BH1/1.0	29/9/2023	0.9-1.0	Soil	Silty clay	Hold
BH2/0.3	29/9/2023	0.2-0.3	Soil	Fill material	Metals, Asbestos
BH2/0.5	29/9/2023	0.4-0.5	Soil	Silty clay	Metals, TRH, BTEXN, PAH
BH2/1.0	29/9/2023	0.9-1.0	Soil	Silty clay	Hold
BH3/0.2	29/9/2023	0.1-0.2	Soil	Fill material	Metals, TRH, BTEXN, PAH, Asbestos
BH3/0.5	29/9/2023	0.4-0.5	Soil	Silty clay	Hold
BH3/1.0	29/9/2023	0.9-1.0	Soil	Silty clay	Hold
BH4/0.0	29/9/2023	0.0-0.1	Soil	Fill material	PAH, VOC, Asbestos
BH4/0.5	29/9/2023	0.4-0.5	Soil	Silty clay	PAH, VOC
BH4/1.0	29/9/2023	0.9-1.0	Soil	Silty clay	Hold
BH5/0.1	29/9/2023	0.0-0.1	Soil	Fill material	Metals, TRH, BTEXN, PAH, OCP, PCB, Asbestos
BH5/0.5	29/9/2023	0.4-0.5	Soil	Fill material	Metals, PAH
BH5/1.0	29/9/2023	0.9-1.0	Soil	Silty clay	Hold
QA1	29/9/2023	0.9-1.0	Soil	Duplicate of BH5/0.5	Metals
SV1	24/10/2023	-	Soil vapour	-	VOC, TRH, BTEXN

¹Notes:

Metals = As, Cd, Cr, Cu, Pb, Hg, Ni and Zn

PAH = Polycyclic Aromatic Hydrocarbons

VOCs = Volatile Organic Compounds

TRH = Total Recoverable Hydrocarbons

BTEXN = Benzene, Toluene, Ethylbenzene, Xylenes, Napthalene

OCP = Organochlorine Pesticides

PCB = Polychlorinated Biphenyls

Table 2
Contamination Assessment: 4 - 6 Chapel Street, Bankstown, NSW
Soil Analytical Results - Heavy Metals and Asbestos

All units in mg/kg (except where indicated)

Sample ID	Depth	Sampling Date	Metals								Asbestos
			Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	
			(As)	(Cd)	(Cr)	(Cu)	(Pb)	(Hg)	(Ni)	(Zn)	
PQL			1.0	0.3	0.5	0.5	1.0	0.05	0.5	2.0	-
Environmental Investigation Levels ¹			160 ⁵	3 ⁷	530 ⁸	300 ⁶	1,800 ⁵	1 ⁷	290 ⁹	710 ¹⁰	-
Health Investigation Levels ²			3,000	900	3,600 ⁴	240,000	1,500	730 ³	6,000	400,000	Detection
BH1/0.3	0.2-0.3	29/9/2023	6.0	0.4	21	39	70	0.06	17	140	Yes
BH2/0.3	0.2-0.3	29/9/2023	5.0	nd	8.7	10	13	nd	3.1	37	No
BH2/0.5	0.4-0.5	29/9/2023	5.0	nd	8.8	8.2	7.0	nd	1.7	16	-
BH3/0.2	0.1-0.2	29/9/2023	6.0	nd	12	12	14	nd	3.0	20	No
BH4/0.0	0.0-0.1	29/9/2023	-	-	-	-	-	-	-	-	No
BH5/0.1	0.0-0.1	29/9/2023	4.0	nd	38	42	50	0.06	42	180	No
BH5/0.5	0.4-0.5	29/9/2023	6.0	nd	8.5	35	40	0.06	3.1	71	-
QA1	0.4-0.5	29/9/2023	6.0	0.3	11	39	57	0.07	3.6	89	-

¹ Environmental Investigation Levels (EILs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. Commercial and industrial land use setting.

² Health Investigation Levels (HILs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. HIL D: Commercial/industrial, includes premises such as shops, offices, factories and industrial sites.

³ Based on inorganic mercury.

⁴ Due to the absence of criteria for Cr (Total), Cr(VI) criteria has been adopted for initial screening purposes.

⁵ Generic EIL adopted for Aged Contaminants (NEPC 2013).

⁶ CEC data not available to calculate site-specific criteria for Cu based on NEPC (2013) requirements. Conservatively, the ACL for soils with a CEC of 10.1 cmol_c/kg and organic carbon content of 1.3 % has been adopted. A pH of 7.0 has been adopted for initial screening purposes.

⁷ Due to absence of criteria in NEPC (2013), the provisional phytotoxicity-based investigation levels (NSW DEC 2006) have been adopted for initial screening purposes.

⁸ Clay content data not available to calculate site-specific criteria for Cr(III) based on NEPC (2013) requirements. Conservatively, the ACL for soils with 5% clay content has been adopted (commercial and industrial).

⁹ CEC data not available to calculate site-specific criteria for Ni based on NEPC (2013) requirements. Conservatively, the ACL for soils with a CEC of 10.1 cmol_c/kg has been adopted (commercial and industrial).

¹⁰ CEC data not available to calculate site-specific criteria for Zn based on NEPC (2013) requirements. Conservatively, the ACL for soils with a CEC of 10 cmol_c/kg and a pH of 7.0 has been adopted (commercial and industrial).

PQL: Practical Quantification Limit

nd: Concentration below PQL

BOLD Above EIL

Grey Above HIL

Table 3
Contamination Assessment: 4 - 6 Chapel Street, Bankstown, NSW
Soil Analytical Results - Polycyclic Aromatic Hydrocarbons

All units in mg/kg

/Users/metechconsulting/Documents/EP241 - Bankstown/10 Report/[EP241_RP01 - Appendix B (Result Tables).xlsx]3. Soil-PAH

			Polycyclic Aromatic Hydrocarbons																					
Sample ID	Depth	Sampling Date	Naphthalene	2-methylnaphthalene	1-methylnaphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenzo(a,h)anthracene	Benzo(ghi)perylene	Carcinogenic PAHs, BaP TEQ	Total PAH		
			PQL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.8
			Environmental Investigation Levels ¹	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	-	-	-	-	-
			Health Investigation Levels ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40 ⁴	4,000
			BH1/0.3	0.2-0.3	29/9/2023	nd	nd	nd	nd	nd	nd	0.1	nd	0.2	0.2	nd	0.1	0.1	nd	nd	nd	nd	nd	nd
BH2/0.5	0.4-0.5	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		
BH3/0.2	0.1-0.2	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		
BH4/0.0	0.0-0.1	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	0.2	0.2	nd	nd	0.1	nd	nd	nd	nd	0.1	nd	nd		
BH4/0.5	0.0-0.1	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd		
BH5/0.1	0.0-0.1	29/9/2023	nd	nd	nd	nd	nd	nd	0.6	0.1	1	1	0.3	0.4	0.5	0.2	0.4	0.3	nd	0.3	0.6	5.2		
BH5/0.5	0.4-0.5	29/9/2023	nd	nd	nd	nd	nd	nd	0.1	nd	0.3	0.3	0.1	0.1	0.2	nd	0.1	0.1	nd	0.1	nd	1.6		

¹ Environmental Investigation Levels (EILs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*.
Commercial and industrial land use setting.

² Health Investigation Levels (HILs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*.
HIL D: Commercial/industrial, includes premises such as shops, offices, factories and industrial sites.

³ Generic EIL adopted for aged contaminants in soil (commercial and industrial).

⁴ HIL based on the 8 carcinogenic PAHs and their TEFs [potency relative to B(a)P]. The B(a)P TEQ is calculated by multiplying the concentration of each carcinogenic PAH in the sample by its B(a)P TEF and summing these
Where the B(a)P occurs in bitumen fragments it is relatively immobile and does not represent a significant health risk.

PQL: Practical Quantification Limit

nd: Concentration below PQL

BOLD Above EIL

Grey Above HIL

Table 4
Contamination Assessment: 4 - 6 Chapel Street, Bankstown, NSW
Soil Analytical Results - Volatile Total Recoverable Hydrocarbons

All units in mg/kg

Z:\EP - Projects\EP225 - Woodpark\10 Report\EP225_RP01 - Appendix B (Results Tables).xlsx3. Soil-vTRH

Sample ID	Depth	Sampling Date	Volatile Total Recoverable Hydrocarbons (vTRH/BTEXN)								
			C ₆ -C ₉	C ₆ -C ₁₀	F1 (C6-C10 less BTEX)	Benzene	Toluene	Ethylbenzene	m+p-Xylene	o-Xylene	Naphthalene
PQL			20	25	25	0.1	0.1	0.1	0.2	0.1	0.5
Environmental Screening Levels ¹			-	-	215	95	135	185	95		370 ⁴
Health Screening Levels - Vapour Intrusion (0 - <1m) ²			-	-	310	4	-	-			-
Health Screening Levels - Management Limits ³			-	-	800	-	-	-	-		-
BH1/0.3	0.2-0.3	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd
BH2/0.5	0.4-0.5	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd
BH3/0.2	0.1-0.2	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd
BH5/0.1	0.0-0.1	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd

¹ Environmental Screening Levels (ESLs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. Commercial and industrial land use setting. 'FINE' soil type assessment criteria have been adopted based on site geological conditions.

² Health Screening Levels (HSLs) for Vapour Intrusion - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. Commercial / industrial land use setting, 'CLAY' criteria has been adopted based on site geological conditions.

³ Health Screening Levels (HSLs), Management Limits for TPH Fractions - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. Commercial and industrial land use setting. 'FINE' soil type assessment criteria have been adopted based on site geological conditions.

⁴ Environmental Investigation Levels (EILs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. Generic EIL adopted for Aged Contaminants (NEPC 2013). (Commercial and Industrial)

BOLD

Above ESL/EIL

Above HSL (Vapour Intrusion)

Above HSL (Management Limits)

PQL: Practical Quantification Limit
 nd: Concentration below PQL
 -: Not applicable

Table 5
Contamination Assessment: 4 - 6 Chapel Street, Bankstown, NSW
Soil Analytical Results - Semi-Volatile Total Recoverable Hydrocarbons

All units in mg/kg

/Users/metechconsulting/Documents/EP241 - Bankstown/10 Report/[EP241_RP01 - Appendix B (Result Tables).xlsx]5. Soil-svTRH

Sample ID	Depth	Sampling Date	Semi-Volatile Total Recoverable Hydrocarbons (svTRH/BTEXN)						
			C ₁₀ -C ₁₄	C ₁₅ -C ₂₈	C ₂₉ -C ₃₆	>C ₁₀ -C ₁₆	F2 >C10-C16 less Naphthalene	F3 >C ₁₆ -C ₃₄	F4 >C ₃₄ -C ₄₀
PQL			20	45	45	25	25	90	120
Environmental Screening Levels ¹			-	-	-	-	170	2,500	6,600
Health Screening Levels - Vapour Intrusion (0 - <1m) ²			-	-	-	-	-	-	-
Health Screening Levels - Management Limits ³			-	-	-	-	1,000	5,000	10,000
BH1/0.3	0.2-0.3	29/9/2023	nd	50	49	nd	nd	nd	nd
BH2/0.5	0.4-0.5	29/9/2023	nd	nd	nd	nd	nd	nd	nd
BH3/0.2	0.1-0.2	29/9/2023	nd	nd	nd	nd	nd	nd	nd
BH5/0.1	0.0-0.1	29/9/2023	nd	nd	nd	nd	nd	nd	nd

¹ Environmental Screening Levels (ESLs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. Commercial and industrial land use setting. 'FINE' soil type assessment criteria have been adopted based on site geological conditions.

² Health Screening Levels (HSLs) for Vapour Intrusion - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. Commercial / industrial land use setting, 'CLAY' criteria has been adopted based on site geological conditions.

³ Health Screening Levels (HSLs), Management Limits for TPH Fractions - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. Commercial and industrial land use setting. 'FINE' soil type assessment criteria have been adopted based on site geological conditions.

BOLD Above ESL/EIL

Above HSL (Vapour Intrusion)

Above HSL (Management Limits)

PQL: Practical Quantification Limit

Table 6
Contamination Assessment: 4 - 6 Chapel Street, Bankstown, NSW
Soil Analytical Results - Volatile Organic Compounds (1 of 3)

All units in mg/kg

/Users/metechconsulting/Documents/EP241 - Bankstown/10 Report/[EP241_RP01 - Appendix B (Result Tables).xlsx]6. Soil-VOCs-1

Sample ID	Depth	Sampling Date	Volatile Organic Compounds																			
			Dichlorodifluoromethane (CFC-12)	Chloromethane	Vinyl chloride (Chloroethene)	Bromomethane	Chloroethane	Trichlorofluoromethane	Acetone (2-propanone)	Iodomethane	1,1-dichloroethene	Acrylonitrile	Dichloromethane (Methylene chloride)	Carbon disulfide	trans-1,2-dichloroethene	MtBE (Methyl-tert-butyl ether)	1,1-dichloroethane	Vinyl acetate	cis-1,2-dichloroethene	Bromochloromethane	Chloroform (THM)	2,2-dichloropropane
PQL			1	1	0.1	1	1	1	10	5	0.1	0.1	0.5	0.5	0.1	0.1	0.1	10	0.1	0.1	0.1	0.1
Environmental Investigation Levels ¹			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Health Investigation Levels ²			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH4/0.0	0.1-0.2	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
BH4/0.5	0.0-0.1	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

¹ Environmental Screening Levels (ESLs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. Commercial and Industrial.

² Health Investigation Levels (HILs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. HIL D: Commercial and Industrial.

PQL: Practical Quantification Limit

nd: Concentration below PQL

- : Not applicable

BOLD Above EIL

Grey Above HIL

Table 7
Contamination Assessment: 4 - 6 Chapel Street, Bankstown, NSW
Soil Analytical Results - Volatile Organic Compounds (2 of 3)

All units in mg/kg

/Users/metechconsulting/Documents/EP241 - Bankstown/10 Report/[EP241_RP01 - Appendix B (Result Tables).xlsx]7. Soil-VOCs-2

Sample ID	Depth	Sampling Date	Volatile Organic Compounds																			
			1,1,1-trichloroethane	1,1-dichloropropene	Carbon tetrachloride	Dibromomethane	1,2-dichloropropane	Trichloroethene (Trichloroethylene, TCE)	2-nitropropane	Bromodichloromethane (THM)	MIBK (4-methyl-2-pentanone)	cis-1,3-dichloropropene	trans-1,3-dichloropropene	1,1,2-trichloroethane	1,3-dichloropropane	Dibromochloromethane (THM)	2-hexanone (MBK)	1,2-dibromoethane (EDB)	Tetrachloroethene (Perchloroethylene, PCE)	1,1,1,2-tetrachloroethane	Chlorobenzene	Bromoform (THM)
PQL			0.1	0.1	0.1	0.1	0.1	0.1	10	0.1	1	0.1	0.1	0.1	0.1	0.1	5	0.1	0.1	0.1	0.1	0.1
Environmental Investigation Levels ¹			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Health Investigation Levels ²			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH4/0.0	0.1-0.2	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
BH4/0.5	0.0-0.1	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

¹ Environmental Screening Levels (ESLs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. Commercial and Industrial.

² Health Investigation Levels (HILs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. HIL D: Commercial and Industrial.

PQL: Practical Quantification Limit

nd: Concentration below PQL

- : Not applicable

BOLD Above EIL

Grey Above HIL

Table 8
Contamination Assessment: 4 - 6 Chapel Street, Bankstown, NSW
Soil Analytical Results - Volatile Organic Compounds (3 of 3)

All units in mg/kg

/Users/metechconsulting/Documents/EP241 - Bankstown/10 Report/[EP241_RP01 - Appendix B (Result Tables).xlsx]8. Soil-VOCs-3

Sample ID	Depth	Sampling Date	Volatile Organic Compounds																			
			1,1,2,2-tetrachloroethane	1,1,2,3-trichloropropane	trans-1,4-dichloro-2-butene	Isopropylbenzene (Cumene)	Bromobenzene	n-propylbenzene	2-chlorotoluene	4-chlorotoluene	1,3,5-trimethylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	sec-butylbenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	p-isopropyltoluene	1,2-dichlorobenzene	n-butylbenzene	1,2-dibromo-3-chloropropane	1,2,4-trichlorobenzene	Hexachlorobutadiene
PQL			0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Environmental Investigation Levels ¹			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Health Investigation Levels ²			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH4/0.0	0.1-0.2	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
BH4/0.5	0.0-0.1	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

¹ Environmental Screening Levels (ESLs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. Commercial and Industrial.

² Health Investigation Levels (HILs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*. HIL D: Commercial and Industrial.

PQL: Practical Quantification Limit

nd: Concentration below PQL

- : Not applicable

BOLD Above EIL

Grey Above HIL

Table 9
Contamination Assessment: 4 - 6 Chapel Street, Bankstown, NSW
Soil Analytical Results - Organochlorine Pesticides

All units in mg/kg

/Users/metechconsulting/Documents/EP241 - Bankstown/10 Report/[EP241_RP01 - Appendix B (Result Tables).xlsx]9. Soil-OCp

Sample ID	Depth	Sampling Date	Organochlorine Pesticides																			
			Hexachlorobenzene (HCB)	BHC (total)	Lindane (gamma BHC)	Heptachlor	Aldrin	Heptachlor epoxide	DDE	Endosulfan (total)	Chlordane (total)	trans-Nonachlor	Dieldrin	Endrin	DDD	DDT	Endosulfan sulphate	Endrin aldehyde	Methoxychlor	Endrin ketone	Isodrin	Mirex
PQL			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Environmental Investigation Levels ¹			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Health Investigation Levels ²			80	-	-	50	45 ⁴	-	3,600 ³	2,000	530.0	-	45 ⁴	100	3,600 ³	3,600 ³	2,000	-	2,500	-	-	100
BH4/0.0	0.1-0.2	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
BH4/0.5	0.0-0.1	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	

¹ Environmental Investigation Levels (EILs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*.
Commercial and industrial land use setting.

² Health Investigation Levels (HILs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*.
HIL D: Commercial/Industrial, includes premises such as shops, offices, factories and industrial sites.

³ Sum of DDT, DDE & DDD

⁴ Sum of Aldrin & Dieldrin

PQL: Practical Quantification Limit

nd: Concentration below PQL

BOLD Above EIL

Grey Above HIL

Table 10
Contamination Assessment: 4 - 6 Chapel Street, Bankstown, NSW
Soil Analytical Results - Polychlorinated Biphenyls

All units in mg/kg

/Users/metechconsulting/Documents/EP241 - Bankstown/10 Report/[EP241_RP01 - Appendix B (Result Tables).xlsx]10. Soil-PCB

Sample ID	Depth	Sampling Date	Polychlorinated Biphenyls									
			Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	Arochlor 1268	Total PCBs (Arochlors)
PQL			0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1
Environmental Investigation Levels ¹			-	-	-	-	-	-	-	-	-	-
Health Investigation Levels ²			-	-	-	-	-	-	-	-	-	7
BH4/0.0	0.1-0.2	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
BH4/0.5	0.0-0.1	29/9/2023	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

¹ Environmental Investigation Levels (EILs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*.
Commercial and industrial land use setting.

² Health Investigation Levels (HILs) - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*.
HIL D: Commercial/industrial, includes premises such as shops, offices, factories and industrial sites.

BOLD Above EIL

Grey Above HIL

PQL: Practical Quantification Limit

nd: Concentration below PQL

Table 11
Contamination Assessment: 4 - 6 Chapel Street, Bankstown, NSW
Soil Vapour Analytical Results - Total Recoverable Hydrocarbons

All units in mg/m³

/Users/metechconsulting/Documents/EP241 - Bankstown/10 Report/[EP241_RP01 - Appendix B (Result Tables).xlsx]11. SV-TRH

Sample ID	Depth	Sampling Date	Dilution Factor	Volatile Total Recoverable Hydrocarbons (TRH/BTEXN)							
				F1 (C6-C10 less BTEX)	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	Naphthalene	F2 >C ₁₀ -C ₁₂ less Naphthalene
Health Screening Levels ¹				1,000	5	6,500	1,800	1,200		4	800
SV1	Sub-slab	24/10/23	3.2	35	0.32	0.65	0.186	0.21	0.089	<0.034	<0.16

¹ Health Screening Levels (HSLs) - Soil Vapour HSLs for Vapour Intrusion - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*.

HSL D: Commercial / Industrial land use setting; 0 - <1m; 'CLAY' criteria has been adopted based on site geology.

 Above HSL (Vapour Intrusion)

- : Not applicable

Table 12
Contamination Assessment: 4 - 6 Chapel Street, Bankstown, NSW
Soil Vapour Analytical Results - Volatile Organic Compounds

All units in ug/m³

/Users/metechconsulting/Documents/EP241 - Bankstown/10 Report/[EP241_RP01 - Appendix B (Result Tables).xlsx]12. SV-VOC

Sample ID	Depth	Sampling Date	Volatile Organic Compounds																			
			1.1.1-Trichloroethane	1.1.2.2-Tetrachloroethane	1.1.2-Trichloroethane	1.1-Dichloroethane	1.1-Dichloroethene	1.2.4-Trichlorobenzene	1.2.4-Trimethylbenzene	1.2-Dibromoethane (EDB)	1.2-Dichlorobenzene	1.2-Dichloroethane	1.2-Dichloropropane	1.3.5-Trimethylbenzene	1.3-Butadiene	1.3-Dichlorobenzene	1.4-Dichlorobenzene	1.4-Dioxane	2.2.4-Trimethylpentane	2-Butanone (Methyl Ethyl Ketone)	2-Hexanone	
			Health Screening Levels ¹			230,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Workplace Exposure Standards ²			-	-	-	-	-	-	123,000	-	-	-	-	-	-	-	-	-	-
SV1	Sub-slab	24/10/23	< 9	< 11	< 9	< 6	< 6	< 48	19	< 11	< 10	< 6	53	< 8	< 4	< 10	< 10	< 23	< 30	< 19	< 26	

Sample ID	Depth	Sampling Date	Volatile Organic Compounds																		
			3-Chloropropene	4-Ethyltoluene	4-Methyl-2-Pentanone (MIBK)	Acetone	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Chlorotoluene (Benzyl Chloride)	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Ethanol
Health Screening Levels ¹			-	-	-	-	-	-	-	-	-	-	-	-	-	-	300	-	-	-	-
Workplace Exposure Standards ²			-	-	-	1,185,000	-	-	-	31,000	-	-	-	-	-	-	-	-	350,000	-	1,180,000
SV1	Sub-slab	24/10/23	< 20	17	< 7	1,600	< 11	< 17	< 62	40	< 10	< 7	< 17	< 8	< 33	< 8	< 6	< 7	2,000	< 14	360

Table 12
Contamination Assessment: 4 - 6 Chapel Street, Bankstown, NSW
Soil Vapour Analytical Results - Volatile Organic Compounds

All units in ug/m³

/Users/metechconsulting/Documents/EP241 - Bankstown/10 Report/[EP241_RP01 - Appendix B (Result Tables).xlsx]12. SV-VOC

Sample ID	Depth	Sampling Date	Volatile Organic Compounds																		
			Freon 11 (Trichlorofluoromethane)	Freon 113 (Trichlorotrifluoroethane)	Freon 114	Freon 12 (Dichlorodifluoromethane)	Heptane	Hexachlorobutadiene	Hexane	Isopropanol	Methyl-t-Butyl Ether (MTBE)	Methylene Chloride	Propylene	Styrene	Tetrachloroethene	Tetrahydrofuran	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene	Vinyl Acetate	Vinyl Chloride
Health Screening Levels ¹			-	-	-	-	-	-	-	-	-	-	-	-	8,000	-	-	-	80	-	100
Workplace Exposure Standards ²			-	-	-	-	164,000	-	20,000	-	-	-	-	-	-	-	-	-	-	-	-
SV1	Sub-slab	24/10/23	< 9	< 12	< 11	< 8	1,600	< 68	1,900	< 157	< 23	< 56	< 28	< 7	3,900	< 5	< 6	< 7	< 9	< 23	< 8

¹ Interim Health Investigation Levels (HILs) for Vapour Intrusion - NEPC (2013) *National Environment Protection (Assessment of Site Contamination) Measure 1999*.

Commercial / Industrial HIL D land use setting

² Safe Work Australia (2022) *WorkPlace Exposure Standards For Airborne Contaminants*.

TWA: Eight hour time weighted average, being the maximum average airborne concentration of a substance when calculated over an eight hour working day, for a five day working week.

- : Not applicable

 Above HSL (Vapour Intrusion)

 Above TWA (airborne contaminants)

Table 13
Contamination Assessment: 4 - 6 Chapel Street, Bankstown, NSW
Relative Percentage Difference Calculations - Metals

/Users/metechconsulting/Documents/EP241 - Bankstown/10 Report/[EP241_RP01 - Appendix B (Result Tables).xlsx]13. RPD - Metals

Type	Sample ID	Metals							
		Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc
		(As)	(Cd)	(Cr)	(Cu)	(Pb)	(Hg)	(Ni)	(Zn)
Original	BH5 / 0.5	6	0.3	8.5	35	40	0.06	3.1	71
Duplicate	QA1	6	0.3	11	39	57	0.07	3.6	89
RPDs (Dup.)	-	0	0	26	11	35	15	15	23

Appendix C

Borehole Logs

BOREHOLE

sheet 1 of 1

Client: **Tony Hanna & Sons Pty Ltd and Loue & Mansour Pty**

Job Number : EP241

Project : Contamination Assessment

Location : 4 - 6 Chapel Road, Bankstown, NSW

Supervised by : **ME**

Date Investigated : **29-September-2023**

Log checked by : **ME**

Surface RL : -

Driller:

Excavation Method **HA**

Datum : -

Driller Licence No.:

Water		Well Construction	Method	Sample Type	Graphic Log	Sample ID	Depth (m)	Material Description / Soil Classification		Consistency / Density		Moisture		Headspace ppm	Structure and additional observations														
								Soil/fill/rock type : colour, structure, (origin), (USC)		VS	Fb	S	VL	F	L	St	M	VSt	D	H	VD	D	M	W	Sat				
NFGWO			HA	HA			0.0	Roadbase: Compacted gravel (DGB)																					
						BH1/0.3	0.2	FILL (silty clay): Brown, moist, firm, low-moderate plasticity, with minor gravel, rock and brick fragments.																					
						BH1/0.5	0.4	SILTY CLAY: Light brown, moist, firm, low plasticity, minor coarse gravel.																					
							0.6	Mottled yellow / orange / brown, stiff, low-moderate																					
			HA			BH1/1.0	0.8	Stiff-very stiff																					
							1.0	End Borehole @ 1.0 m																					
							1.2																						
							1.4																						
							1.6																						
							1.8																						
							2.0																						
							2.2																						
							2.4																						
							2.6																						
							2.8																						
							3.0																						
Water							Sample Method		Sample Type		Moisture		Consistency / Relative Density																
▼ Standing Water Level (SWL)							SFA Solid flight auger		G Grab		D dry		VS very soft		Fb friable														
▽ Water Inflow							HFA Hollow flight auger		SP Split spoon		M moist		S soft		VL very loose														
							GP Geoprobe		PT Push tube		W wet		F firm		L loose														
							HA Hand auger		HA Hand auger		S saturated		St stiff		M medium dense														
									D Disturbed				VSt very stiff		D dense														
													H hard		VD very dense														
NFGWO No Free Groundwater Observed																													

BOREHOLE

sheet 1 of 1

Client: **Tony Hanna & Sons Pty Ltd and Loue & Mansour Pty**

Job Number : EP241

Project : Contamination Assessment

Location : 4 - 6 Chapel Road, Bankstown, NSW

Supervised by : **ME**

Date Investigated : **29-September-2023**

Log checked by : **ME**

Surface RL : -

Driller:

Excavation Method **HA**

Datum : -

Driller Licence No.:

Water		Well Construction		Method		Sample Type		Graphic Log		Sample ID		Depth (m)		Material Description / Soil Classification		Consistency / Density		Moisture		Headspace ppm		Structure and additional observations	
NFGWO				HA						BH2/0.3		0.0		Roadbase: Compacted gravel (DGB)		VS		D					
				HA						BH2/0.5		0.2		FILL (silty clay): Brown, moist, firm, low-moderate plasticity, with minor gravel and rock fragments.		S		M					
				HA								0.4		SILTY CLAY: Mottled brown / yellow / grey, moist, firm-stiff, moderate plasticity, trace gravel.		F		W					
												0.6		Mottled yellow / grey, stiff, moderate-high plasticity.		L		M					
				HA						BH2/1.0		0.8		Stiff-very stiff		St		D					
												1.0		End Borehole @ 1.0 m		VSt		W					
												1.2				H		M					
												1.4						M					
												1.6						D					
												1.8						W					
												2.0											
												2.2											
												2.4											
												2.6											
												2.8											
												3.0											
Water		Standing Water Level (SWL)		Sample Method		Sample Type		Moisture		Consistency / Relative Density													
▼				SFA Solid flight auger		G Grab		D dry		VS very soft								Fb friable					
▽				HFA Hollow flight auger		SP Split spoon		M moist		S soft								VL very loose					
NFGWO		No Free Groundwater Observed		GP Geoprobe		PT Push tube		W wet		F firm								L loose					
				HA Hand auger		HA Hand auger		S saturated		St stiff								M medium dense					
						D Disturbed				VSt very stiff								D dense					
										H hard								VD very dense					

BOREHOLE

sheet 1 of 1

Client : Tony Hanna & Sons Pty Ltd and Loue & Mansour Pty			Job Number : EP241																																																																																																																																																																																																																																																								
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<table><tr><td rowspan="5">NFGWO</td><td rowspan="5"></td><td rowspan="5">HA</td><td rowspan="5">HA</td><td rowspan="5"></td><td>BH3/0.2</td><td>0.0</td><td>Roadbase: Compacted gravel (DGB)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>BH3/0.5</td><td>0.4</td><td>SILTY CLAY: Yellow/ brown, very moist, soft-firm, moderate plasticity.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>0.6</td><td>Mottled yellow / grey, stiff, moderate-high plasticity.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>HA</td><td></td><td></td><td>BH3/1.0</td><td>0.8</td><td>Stiff-very stiff</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1.0</td><td>End Borehole @ 1.0 m</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1.2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1.4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1.8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>2.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>2.2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>2.4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>2.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>2.8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>3.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						NFGWO		HA	HA		BH3/0.2	0.0	Roadbase: Compacted gravel (DGB)																																	BH3/0.5	0.4	SILTY CLAY: Yellow/ brown, very moist, soft-firm, moderate plasticity.												0.6	Mottled yellow / grey, stiff, moderate-high plasticity.													HA			BH3/1.0	0.8	Stiff-very stiff														1.0	End Borehole @ 1.0 m														1.2															1.4															1.6															1.8															2.0															2.2															2.4															2.6															2.8															3.0								
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BOREHOLE

sheet 1 of 1

Client : Tony Hanna & Sons Pty Ltd and Loue & Mansour Pty						Job Number : EP241					
Project : Contamination Assessment											
Location : 4 - 6 Chapel Road, Bankstown, NSW						Supervised by : ME					
Date Investigated : 29-September-2023						Log checked by : ME					
Surface RL : -						Driller:					
Datum : -						Excavation Method HA					
Driller Licence No.:											

Water	Well Construction	Method	Sample Type	Graphic Log	Sample ID	Depth (m)	Material Description / Soil Classification Soil/fill/rock type : colour, structure, (origin), (USC)	Consistency / Density				Moisture				Headspace ppm	Structure and additional observations	
								VS	S	F	St	VS	S	F	St			
NFGWO		HA	HA		BH4/0.0	0.0	FILL (sand / silt gravel): Grey/brown, dry, hard (compacted), v											
						0.2	FILL (silty clay): Grey / brown, moist, firm, low-moderate plasticity, with minor gravel and rock fragments.											
						0.4	SILTY CLAY: Yellow/brown, with minor orange mottling, moist, firm-stiff, moderate plasticity, trace ironstone gravel.											
						0.6	Stiff											
						0.8	Red / brown											
		HA			BH4/1.0	1.0	End Borehole @ 1.0 m											
						1.2												
						1.4												
						1.6												
						1.8												
						2.0												
						2.2												
						2.4												
						2.6												
						2.8												
						3.0												

Water  Standing Water Level (SWL)  Water Inflow NFGWO No Free Groundwater Observed	Sample Method SFA Solid flight auger HFA Hollow flight auger GP Geoprobe HA Hand auger	Sample Type G Grab SP Split spoon PT Push tube HA Hand auger D Disturbed	Moisture D dry M moist W wet S saturated	Consistency / Relative Density VS very soft S soft F firm St stiff VSt very stiff H hard Fb friable VL very loose L loose M medium dense D dense VD very dense
--	---	--	---	---

BOREHOLE

sheet 1 of 1

Client :	Tony Hanna & Sons Pty Ltd and Loue & Mansour Pty	Job Number :	EP241
Project :	Contamination Assessment		
Location :	4 - 6 Chapel Road, Bankstown, NSW	Supervised by :	ME
Date Investigated :	29-September-2023	Log checked by :	ME
Surface RL : -	Driller:	Excavation Method	HA
Datum : -	Driller Licence No.:		

Water		Well Construction		Method		Sample Type		Graphic Log		Sample ID		Depth (m)		Material Description / Soil Classification		Consistency / Density										Moisture				Headspace		Structure and additional observations	
NFGWO				HA						BH5/0.1		0.0		Roadbase: Compacted gravel (DGB)		VS	Fb	S	VL	F	L	St	M	VSt	D	H	VD	M	W	Sat			
										BH5/0.5		0.2		FILL (silty clay): Brown, moist, firm, low-moderate plasticity, with minor gravel, rock and brick fragments.																			
										BH5/1.0		0.4		FILL (silty clay): Brown, very moist, stiff, moderate plasticity, with gravel and rock fragments.																			
												0.6		SILTY CLAY: Mottled red / brown / yellow, moist, firm-stiff, moderate plasticity, minor ironstone gravels.																			
												0.8		Stiff-very stiff																			
												1.0		End Borehole @ 1.0 m																			
												1.2																					
												1.4																					
												1.6																					
												1.8																					
												2.0																					
												2.2																					
												2.4																					
												2.6																					
												2.8																					
												3.0																					
Water ▼ Standing Water Level (SWL) ▽ Water Inflow NFGWO No Free Groundwater Observed		Sample Method SFA Solid flight auger HFA Hollow flight auger GP Geoprobe HA Hand auger		Sample Type G Grab SP Split spoon PT Push tube HA Hand auger D Disturbed		Moisture D dry M moist W wet S saturated		Consistency / Relative Density VS very soft S soft F firm St stiff VSt very stiff H hard Fb friable VL very loose L loose M medium dense D dense VD very dense																									

Appendix D

Environmental Risk and Planning Report



LOTSEARCH

LOTSEARCH ENVIRO PROFESSIONAL

Date: 26 Sep 2023 12:35:12

Reference: LS048470 EP

Address: 6 Chapel Street, Bankstown, NSW 2200

Disclaimer:

The purpose of this report is to provide an overview of some of the site history, environmental risk and planning information available, affecting an individual address or geographical area in which the property is located. It is not a substitute for an on-site inspection or review of other available reports and records. It is not intended to be, and should not be taken to be, a rating or assessment of the desirability or market value of the property or its features.

You should obtain independent advice before you make any decision based on the information within the report.

The detailed terms applicable to use of this report are set out at the end of this report.

Dataset Listing

Datasets contained within this report, detailing their source and data currency:

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Cadastre Boundaries	NSW Department of Customer Service - Spatial Services	14/09/2023	14/09/2023	Quarterly	-	-	-	-
Topographic Data	NSW Department of Customer Service - Spatial Services	22/08/2022	22/08/2022	Annually	-	-	-	-
List of NSW contaminated sites notified to EPA	Environment Protection Authority	11/09/2023	08/09/2023	Monthly	1000m	0	0	2
Contaminated Land Records of Notice	Environment Protection Authority	28/06/2023	28/06/2023	Monthly	1000m	0	0	0
Former Gasworks	Environment Protection Authority	10/05/2023	14/07/2021	Quarterly	1000m	0	0	0
Notices under the POEO Act 1997	Environment Protection Authority	26/07/2023	26/07/2023	Monthly	1000m	1	1	19
National Waste Management Facilities Database	Geoscience Australia	26/05/2022	07/03/2017	Annually	1000m	0	0	0
National Liquid Fuel Facilities	Geoscience Australia	20/09/2023	07/09/2020	Annually	1000m	0	0	8
EPA PFAS Investigation Program	Environment Protection Authority	22/09/2023	23/09/2022	Monthly	2000m	0	0	1
Defence PFAS Investigation & Management Program - Investigation Sites	Department of Defence	16/08/2023	16/08/2023	Monthly	2000m	0	0	0
Defence PFAS Investigation & Management Program - Management Sites	Department of Defence	16/08/2023	16/08/2023	Monthly	2000m	0	0	0
Airservices Australia National PFAS Management Program	Airservices Australia	18/08/2023	18/08/2023	Monthly	2000m	0	0	0
Defence Controlled Areas	Department of Defence	08/06/2023	08/06/2023	Quarterly	2000m	0	0	0
Defence 3 Year Regional Contamination Investigation Program	Department of Defence	16/06/2023	02/09/2022	Quarterly	2000m	0	0	0
National Unexploded Ordnance (UXO)	Department of Defence	08/06/2023	08/06/2023	Quarterly	2000m	0	0	1
EPA Other Sites with Contamination Issues	Environment Protection Authority	16/02/2022	13/12/2018	Annually	1000m	0	0	0
Licensed Activities under the POEO Act 1997	Environment Protection Authority	20/09/2023	20/09/2023	Monthly	1000m	0	0	4
Delicensed POEO Activities still regulated by the EPA	Environment Protection Authority	20/09/2023	20/09/2023	Monthly	1000m	0	0	1
Former POEO Licensed Activities now revoked or surrendered	Environment Protection Authority	20/09/2023	20/09/2023	Monthly	1000m	0	0	13
UBD Business Directories (Premise & Intersection Matches)	Hardie Grant			Not required	150m	39	293	385
UBD Business Directories (Road & Area Matches)	Hardie Grant			Not required	150m	-	180	180
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Premise & Intersection Matches)	Hardie Grant			Not required	500m	0	57	110
UBD Business Directory Dry Cleaners & Motor Garages/Service Stations (Road & Area Matches)	Hardie Grant			Not required	500m	-	45	45
Points of Interest	NSW Department of Customer Service - Spatial Services	19/10/2022	19/10/2022	Quarterly	1000m	1	2	24
Tanks (Areas)	NSW Department of Customer Service - Spatial Services	19/10/2022	19/10/2022	Quarterly	1000m	0	0	0
Tanks (Points)	NSW Department of Customer Service - Spatial Services	19/10/2022	19/10/2022	Quarterly	1000m	0	0	0
Major Easements	NSW Department of Customer Service - Spatial Services	23/05/2023	23/05/2023	Quarterly	1000m	0	0	7
State Forest	Forestry Corporation of NSW	16/08/2022	14/08/2022	Annually	1000m	0	0	0
NSW National Parks and Wildlife Service Reserves	NSW Office of Environment & Heritage	16/02/2023	31/12/2022	Annually	1000m	0	0	0
Hydrogeology Map of Australia	Commonwealth of Australia (Geoscience Australia)	29/08/2022	19/08/2019	As required	1000m	1	1	1

Dataset Name	Custodian	Supply Date	Currency Date	Update Frequency	Dataset Buffer (m)	No. Features On-site	No. Features within 100m	No. Features within Buffer
Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018	NSW Department of Planning, Industry and Environment	09/05/2023	23/02/2018	Annually	1000m	0	0	0
National Groundwater Information System (NGIS) Boreholes	Bureau of Meteorology; Water NSW	18/04/2023	13/07/2022	Annually	2000m	0	0	38
NSW Seamless Geology Single Layer: Rock Units	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	1	1	4
NSW Seamless Geology – Single Layer: Trendlines	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	0	0	0
NSW Seamless Geology – Single Layer: Geological Boundaries and Faults	Department of Regional NSW	17/02/2022	01/05/2021	Annually	1000m	0	0	0
Naturally Occurring Asbestos Potential	NSW Dept. of Industry, Resources & Energy	04/12/2015	24/09/2015	Unknown	1000m	0	0	0
Atlas of Australian Soils	Australian Bureau of Agriculture and Resource Economics and Sciences (ABARES)	19/05/2017	17/02/2011	As required	1000m	1	1	1
Soil Landscapes of Central and Eastern NSW	NSW Department of Planning, Industry and Environment	18/08/2022	27/07/2020	Annually	1000m	2	2	3
Environmental Planning Instrument Acid Sulfate Soils	NSW Department of Planning, Industry and Environment	31/08/2023	30/06/2023	Monthly	500m	0	-	-
Atlas of Australian Acid Sulfate Soils	CSIRO	19/01/2017	21/02/2013	As required	1000m	1	1	1
Dryland Salinity - National Assessment	National Land and Water Resources Audit	18/07/2014	12/05/2013	None planned	1000m	0	0	0
Dryland Salinity Potential of Western Sydney	NSW Department of Planning, Industry and Environment	12/05/2017	01/01/2002	None planned	1000m	1	1	4
Mining Subsidence Districts	NSW Department of Customer Service - Subsidence Advisory NSW	15/05/2023	15/05/2023	Quarterly	1000m	0	0	0
Current Mining Titles	NSW Department of Industry	25/08/2023	25/08/2023	Monthly	1000m	0	0	0
Mining Title Applications	NSW Department of Industry	25/08/2023	25/08/2023	Monthly	1000m	0	0	0
Historic Mining Titles	NSW Department of Industry	25/08/2023	25/08/2023	Monthly	1000m	12	12	12
Environmental Planning Instrument SEPP State Significant Precincts	NSW Department of Planning, Industry and Environment	31/08/2023		Monthly	1000m	0	0	0
Environmental Planning Instrument Land Zoning	NSW Department of Planning, Industry and Environment	31/08/2023	25/08/2023	Monthly	1000m	2	10	41
Commonwealth Heritage List	Australian Government Department of the Agriculture, Water and the Environment	03/06/2022	13/04/2022	Annually	1000m	0	0	0
National Heritage List	Australian Government Department of the Agriculture, Water and the Environment	03/06/2022	13/04/2022	Annually	1000m	0	0	0
State Heritage Register - Curtilages	NSW Department of Planning, Industry and Environment	06/09/2023	03/03/2023	Quarterly	1000m	0	0	0
Environmental Planning Instrument Local Heritage	NSW Department of Planning, Industry and Environment	31/08/2023	25/08/2023	Monthly	1000m	0	0	0
Bush Fire Prone Land	NSW Rural Fire Service	18/08/2023	31/05/2023	Monthly	1000m	0	0	0
NSW Native Vegetation Type Map	NSW Department of Planning and Environment	26/05/2023	12/12/2022	Quarterly	1000m	1	1	2
Ramsar Wetlands of Australia	Australian Government Department of Agriculture, Water and the Environment	09/05/2023	01/11/2022	Annually	1000m	0	0	0
Groundwater Dependent Ecosystems	Bureau of Meteorology	28/10/2022	26/10/2022	Annually	1000m	0	0	0
Inflow Dependent Ecosystems Likelihood	Bureau of Meteorology	28/10/2022	26/10/2022	Annually	1000m	0	0	0
NSW BioNet Species Sightings	NSW Office of Environment & Heritage	13/09/2023	13/09/2023	Weekly	10000m	-	-	-

Site Diagram

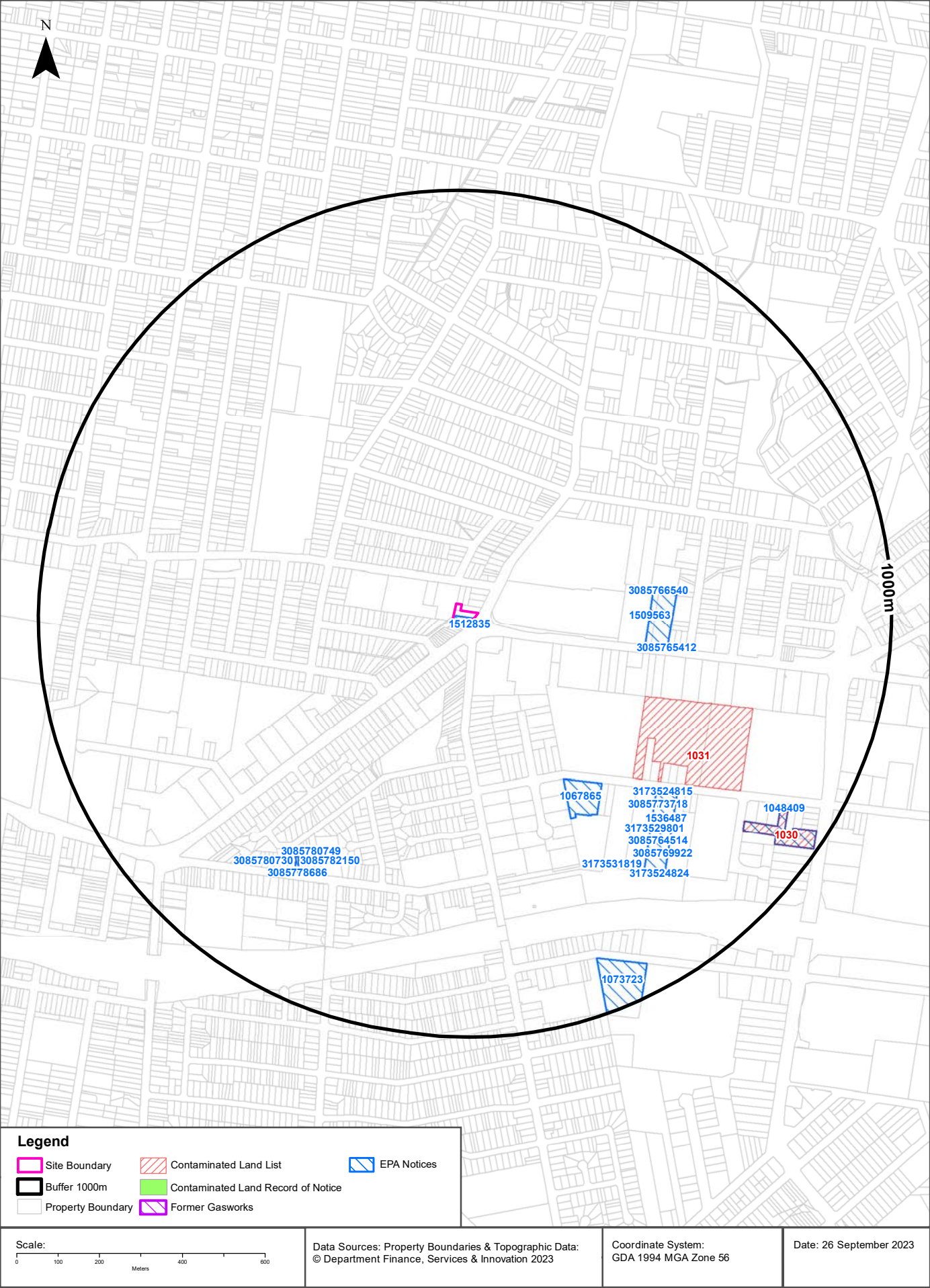
6 Chapel Street, Bankstown, NSW 2200



Legend Site Boundary Internal Parcel Boundaries	Total Area: 1628m² Total Perimeter: 190m Disclaimers: Measurements are approximate only and may have been simplified or smaller lengths removed for readability. Parcels that make up a small percentage of the total site area have not been labelled for increased legibility.		Scale: 0 10 20 Meters	
	Data Source Aerial Imagery: © Aerometrex Pty Ltd			
	Coordinate System: GDA 1994 MGA Zone 56		Date: 26 September 2023	

Contaminated Land

6 Chapel Street, Bankstown, NSW 2200



Contaminated Land

6 Chapel Street, Bankstown, NSW 2200

List of NSW contaminated sites notified to EPA

Records from the NSW EPA Contaminated Land list within the dataset buffer:

Map Id	Site	Address	Suburb	Activity	Management Class	Status	Location Confidence	Dist	Direction
1031	Sebel Furniture	Parts 64 and 92 Gow Street	Padstow	Other Industry	Regulation under CLM Act not required	Current EPA List	Premise Match	451m	South East
1030	Galvatech	49 Gow Street	Padstow	Metal Industry	Contamination currently regulated under POEO Act	Current EPA List	Premise Match	816m	South East

The values within the EPA site management class in the table above, are given more detailed explanations in the table below:

EPA site management class	Explanation
Contamination being managed via the planning process (EP&A Act)	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. The contamination of this site is managed by the consent authority under the Environmental Planning and Assessment Act 1979 (EP&A Act) planning approval process, with EPA involvement as necessary to ensure significant contamination is adequately addressed. The consent authority is typically a local council or the Department of Planning and Environment.
Contamination currently regulated under CLM Act	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). Management of the contamination is regulated by the EPA under the CLM Act. Regulatory notices are available on the EPA's Contaminated Land Public Record of Notices.
Contamination currently regulated under POEO Act	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. Management of the contamination is regulated under the Protection of the Environment Operations Act 1997 (POEO Act). The EPA's regulatory actions under the POEO Act are available on the POEO public register.
Contamination formerly regulated under the CLM Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). The contamination was addressed under the CLM Act.
Contamination formerly regulated under the POEO Act	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed under the Protection of the Environment Operations Act 1997 (POEO Act).
Contamination was addressed via the planning process (EP&A Act)	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed by the appropriate consent authority via the planning process under the Environmental Planning and Assessment Act 1979 (EP&A Act).
Ongoing maintenance required to manage residual contamination (CLM Act)	The EPA has determined that ongoing maintenance, under the Contaminated Land Management Act 1997 (CLM Act), is required to manage the residual contamination. Regulatory notices under the CLM Act are available on the EPA's Contaminated Land Public Record of Notices.
Regulation being finalised	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the Contaminated Land Management Act 1997. A regulatory approach is being finalised.
Regulation under the CLM Act not required	The EPA has completed an assessment of the contamination and decided that regulation under the Contaminated Land Management Act 1997 is not required.
Under assessment	The contamination is being assessed by the EPA to determine whether regulation is required. The EPA may require further information to complete the assessment. For example, the completion of management actions regulated under the planning process or Protection of the Environment Operations Act 1997. Alternatively, the EPA may require information via a notice issued under s77 of the Contaminated Land Management Act 1997 or issue a Preliminary Investigation Order.

NSW EPA Contaminated Land List Data Source: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority

Contaminated Land

6 Chapel Street, Bankstown, NSW 2200

Contaminated Land: Records of Notice

Record of Notices within the dataset buffer:

Map Id	Name	Address	Suburb	Notices	Area No	Location Confidence	Distance	Direction
N/A	No records in buffer							

Contaminated Land Records of Notice Data Source: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority
Terms of use and disclaimer for Contaminated Land: Record of Notices, please visit
<http://www.epa.nsw.gov.au/clm/clmdisclaimer.htm>

Former Gasworks

Former Gasworks within the dataset buffer:

Map Id	Location	Council	Further Info	Location Confidence	Distance	Direction
N/A	No records in buffer					

Former Gasworks Data Source: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority

Contaminated Land

6 Chapel Street, Bankstown, NSW 2200

EPA Notices

Penalty Notices, s.91 & s.92 Clean up Notices and s.96 Prevention Notices within the dataset buffer:

Number	Type	Name	Address	Status	Issued Date	Act	Offence	Offence Date	Loc Conf	Dist	Dir
1512835	s.91 Clean Up Notice	BEST YET DRY CLEANERS PTY LTD	4a/6 Chapel Road, BANKSTOWN, NSW 2200	Issued	15/03/2013				Premise Match	0m	On-site
3085765412	Penalty Notice	H O TYRE PTY LTD	157 Canterbury Rd, BANKSTOWN, NSW 2200	Issued	04/09/2012	Protection of the Environment Operations Act 1997 - 48(2)	Carry out unlicensed scheduled activity (premises-based) - Corporation	30/08/2012	Premise Match	410m	East
3085766540	Penalty Notice	H O TYRE PTY LTD	157 Canterbury Rd, BANKSTOWN, NSW 2200	Issued	08/11/2012	Protection of the Environment Operations Act 1997 - 48(2)	Carry out unlicensed scheduled activity (premises-based) - Corporation	12/10/2012	Premise Match	410m	East
1509563	s.96 Prevention Notice	H O TYRE PTY LTD		Issued	20/12/2012				Premise Match	410m	East
1067865	s.91 Clean Up Notice	BROS BINS SYSTEMS PTY LIMITED		Issued	26/02/2007				Premise Match	438m	South East
3173524824	Penalty Notice	GOW STREET RECYCLING CENTRE PTY. LTD.	81 GOW STREET, PADSTOW, NSW 2211	Issued	12/02/2018	Protection of the Environment Operations Act 1997 - 64(1)	Contravene condition of licence - Corporation	14/09/2017	Premise Match	604m	South East
3173524815	Penalty Notice	GOW STREET RECYCLING CENTRE PTY. LTD.	81 GOW STREET, PADSTOW, NSW 2211	Issued	12/02/2018	Protection of the Environment Operations Act 1997 - 64(1)	Contravene condition of licence - Corporation	14/09/2017	Premise Match	604m	South East
3173529801	Penalty Notice	GOW STREET RECYCLING CENTRE PTY. LTD.	81 GOW STREET, PADSTOW, NSW 2211	Issued	25/11/2020	Protection of the Environment Operations Act 1997 - 64(1)	Contravene condition of licence - Corporation	28/05/2020	Premise Match	604m	South East
3085769922	Penalty Notice	ORANGEVILLE RECYCLING PTY LTD	81 GOW STREET, PADSTOW, NSW 2211	Issued	05/04/2013	Protection of the Environment Operations Act 1997 - 64(1)	Contravene any condition of licence - not noise - corporation	01/07/2013	Premise Match	604m	South East
3085773718	Penalty Notice	ORANGEVILLE RECYCLING PTY LTD	81 GOW STREET, PADSTOW, NSW 2211	Issued	14/04/2014	Protection of the Environment Operations Act 1997 - 64(1)	Contravene any condition of licence - not noise - corporation	10/02/2014	Premise Match	604m	South East
1536487	s.91 Clean Up Notice	GR & VR Holdings Pty Ltd	81 GOW STREET, PADSTOW, NSW 2211	Issued	18/12/2015				Premise Match	604m	South East

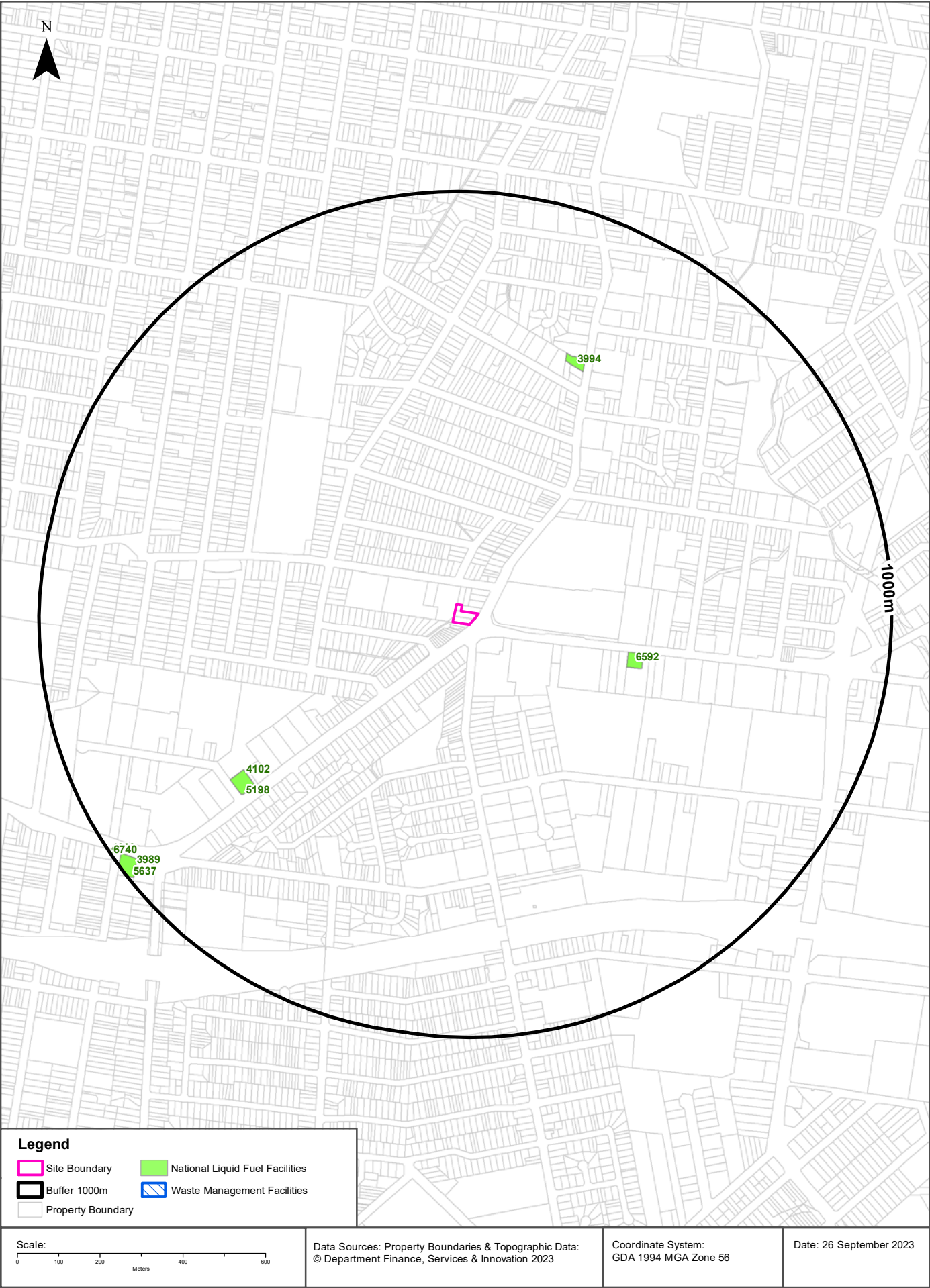
Number	Type	Name	Address	Status	Issued Date	Act	Offence	Offence Date	Loc Conf	Dist	Dir
3085764514	Penalty Notice	ZANDEIRA INVESTMENTS PTY LTD	81 GOW STREET, PADSTOW, NSW 2211	Issued	16/10/2012	Protection of the Environment Operations Act 1997 - 64(1)	Contravene any condition of licence - not noise - corporation	04/01/2012	Premise Match	604m	South East
3173531819	Penalty Notice	GOW STREET RECYCLING CENTRE PTY. LTD.	81 GOW STREET, PADSTOW, NSW 2211	Issued	23/03/2023	Protection of the Environment Operations (Waste) Regulation 2014 - 93 (7)	Not comply with order re supply of resource recovery waste - Corporation	12/01/2022	Premise Match	604m	South East
3085778686	Penalty Notice	Perfect Demo Pty Ltd	58 Turvey St, REVESBY, NSW 2212	Issued	26/02/2016	Protection of the Environment Operations Act 1997 - 211(1)	Not comply with requirement under chapter 7 - Corporation	04/01/2016	Premise Match	682m	South West
3085780749	Penalty Notice	Perfect Demo Pty Ltd	58 Turvey Street, REVESBY, NSW 2212	Issued	13/01/2017	Protection of the Environment Operations Act 1997 - 211(1)	Not comply with requirement under chapter 7 - Corporation	11/11/2016	Premise Match	682m	South West
3085780730	Penalty Notice	Perfect Demo Pty Ltd	58 Turvey Street, REVESBY, NSW 2212	Issued	13/01/2017	Protection of the Environment Operations Act 1997 - 211(1)	Not comply with direction of authorised officer - Corporation	04/11/2016	Premise Match	682m	South West
3085782150	Penalty Notice	Perfect Demo Pty Ltd	58 Turvey St, REVESBY, NSW 2212	Issued	05/05/2017	Protection of the Environment Operations Act 1997 - 211(1)	Not comply with requirement under chapter 7 - Corporation	15/03/2017	Premise Match	682m	South West
1048409	s.91 Clean Up Notice	GALVATECH PTY LTD	1 WORDIE PLACE, PADSTOW, NSW 2211	Issued	08/06/2005				Premise Match	816m	South East
1073723	s.96 Prevention Notice	ELI ALSTER		Issued	22/05/2007				Premise Match	865m	South East

NSW EPA Notice Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

Waste Management & Liquid Fuel Facilities

6 Chapel Street, Bankstown, NSW 2200



Waste Management & Liquid Fuel Facilities

6 Chapel Street, Bankstown, NSW 2200

National Waste Management Site Database

Sites on the National Waste Management Site Database within the dataset buffer:

Site Id	Owner	Name	Address	Suburb	Class	Landfill	Reprocess	Transfer	Comments	Loc Conf	Dist	Direction
N/A	No records in buffer											

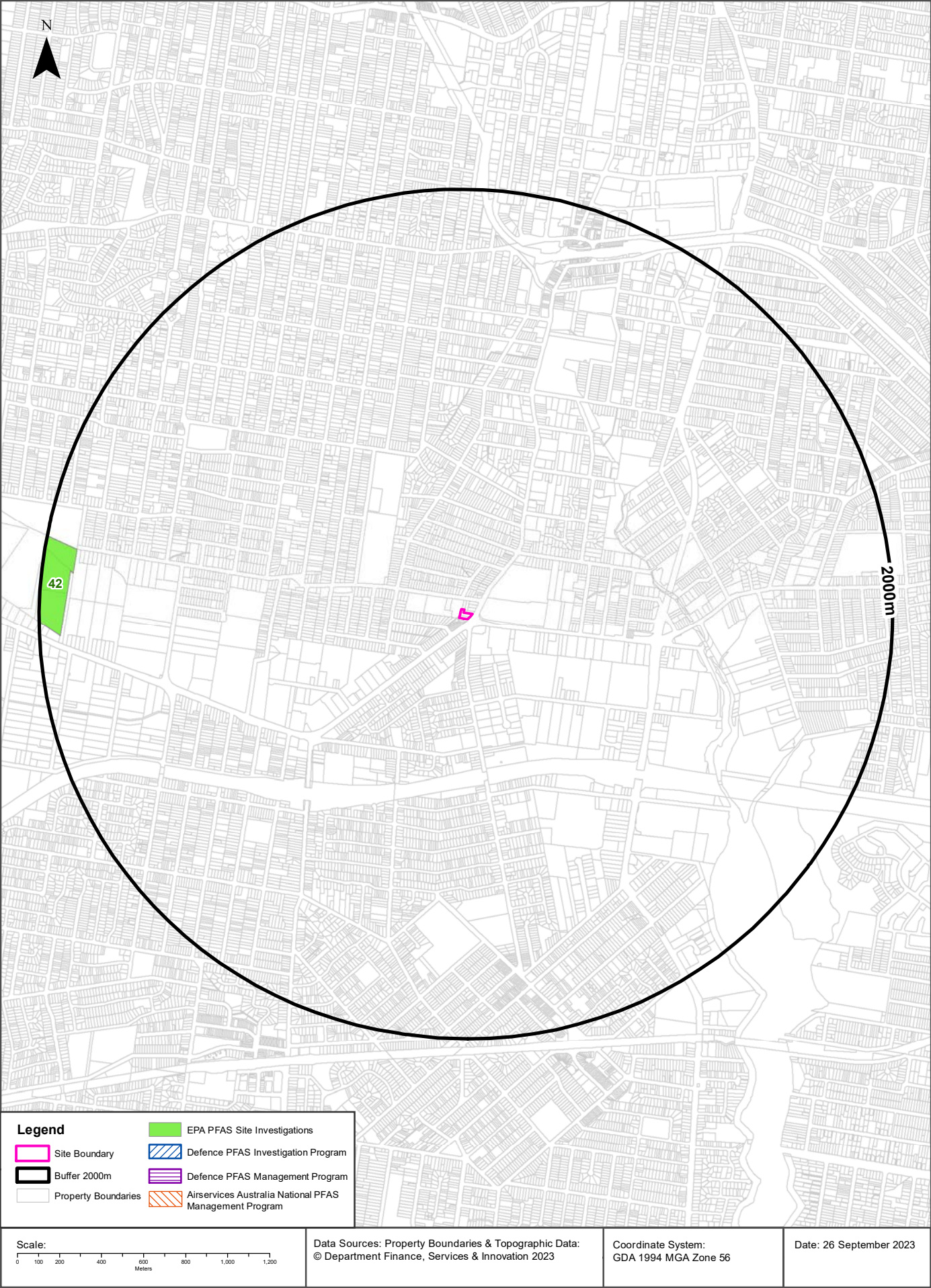
Waste Management Facilities Data Source: Geoscience Australia
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

National Liquid Fuel Facilities

National Liquid Fuel Facilities within the dataset buffer:

Map Id	Owner	Name	Address	Suburb	Class	Operational Status	Operator	Revision Date	Loc Conf	Dist	Direction
6592	METRO FUEL	METRO BANKSTOWN	110 CANTERBURY ROAD	BANKSTOWN	PETROL STATION	OPERATIONAL			Premise Match	373m	East
4102	7-Eleven Pty Ltd	Revesby	275 Canterbury Road	Revesby	Petrol Station	Operational		13/07/2012	Premise Match	620m	South West
5198	7-ELEVEN	7-ELEVEN REVESBY	275 CANTERBURY ROAD AND MAVIS STREET	REVESBY	PETROL STATION	OPERATIONAL			Premise Match	620m	South West
3994	BP	BP Bankstown	126 Chapel Road South	Bankstown	Petrol Station	Operational		25/07/2011	Premise Match	637m	North East
3989	BP	BP Connect Revesby	2-10 Milperra Road	Revesby	Petrol Station	Operational		25/07/2011	Premise Match	957m	South West
5637	BP	BP REVESBY	CORNER MILPERRA AND RIVER ROAD	REVESBY	PETROL STATION	OPERATIONAL			Premise Match	957m	South West
4669	7-Eleven Pty Ltd	Independent Revesby	14 Milperra Road	Revesby	Petrol Station	Operational		13/07/2012	Premise Match	993m	South West
6740	METRO FUEL	METRO REVESBY WEST	10 MILPERRA ROAD	REVESBY	PETROL STATION	OPERATIONAL			Premise Match	993m	South West

National Liquid Fuel Facilities Data Source: Geoscience Australia
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>



PFAS Investigation & Management Programs

6 Chapel Street, Bankstown, NSW 2200

EPA PFAS Investigation Program

Sites that are part of the EPA PFAS investigation program, within the dataset buffer:

Map ID	Site	Address	Loc Conf	Dist	Dir
42	Bankstown Airport	3 Avro St, Bankstown NSW 2200	Premise Match	1849m	West

EPA PFAS Investigation Program: Environment Protection Authority
© State of New South Wales through the Environment Protection Authority

Defence PFAS Investigation Program

Sites being investigated by the Department of Defence for PFAS contamination within the dataset buffer:

Map ID	Base Name	Address	Loc Conf	Dist	Dir
N/A	No records in buffer				

Defence PFAS Investigation Program Data Custodian: Department of Defence, Australian Government

Defence PFAS Management Program

Sites being managed by the Department of Defence for PFAS contamination within the dataset buffer:

Map ID	Base Name	Address	Loc Conf	Dist	Dir
N/A	No records in buffer				

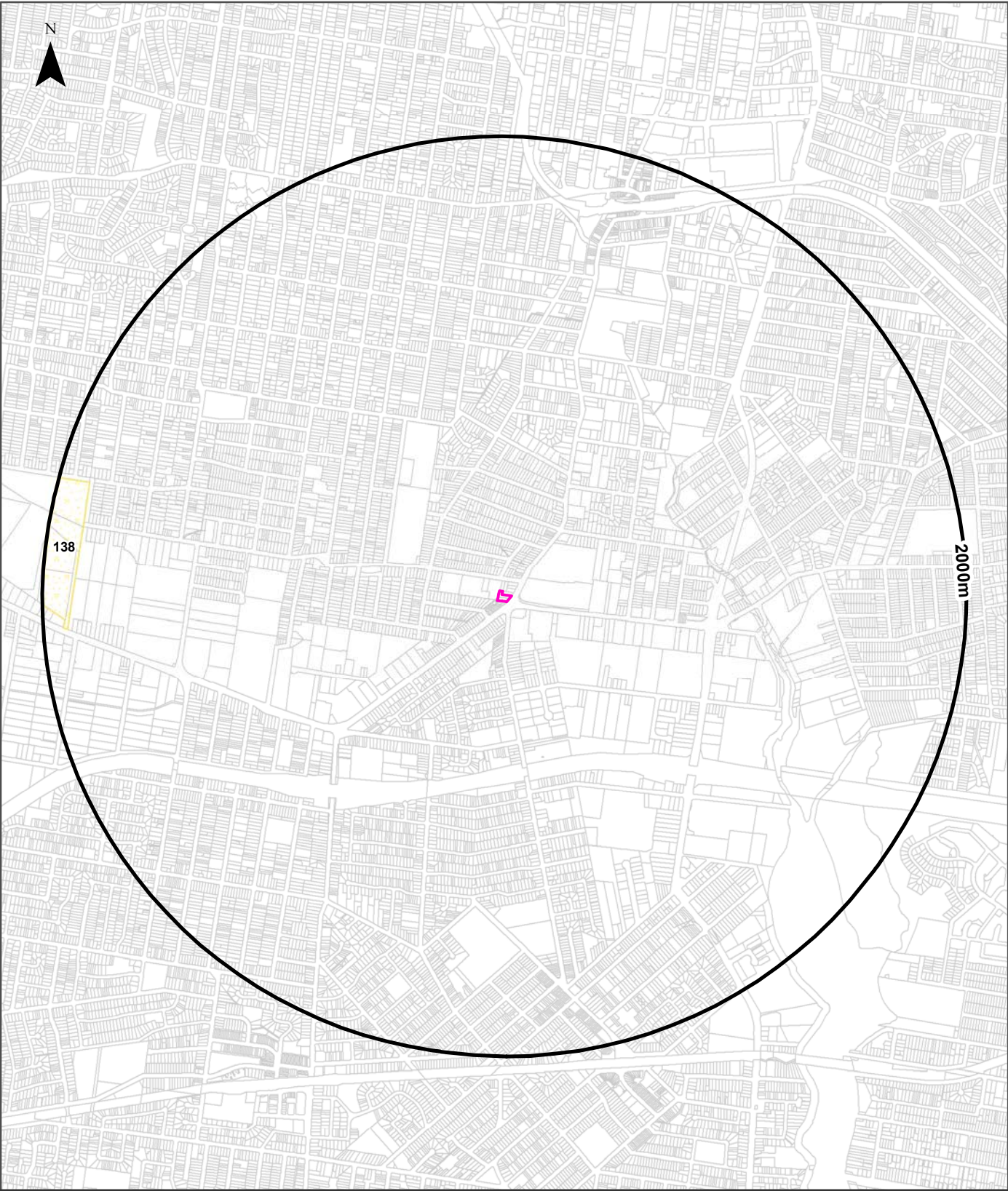
Defence PFAS Management Program Data Custodian: Department of Defence, Australian Government

Airservices Australia National PFAS Management Program

Sites being investigated or managed by Airservices Australia for PFAS contamination within the dataset buffer:

Map ID	Site Name	Impacts	Loc Conf	Dist	Dir
N/A	No records in buffer				

Airservices Australia National PFAS Management Program Data Custodian: Airservices Australia



Legend			
Site Boundary	DCA	Defence 3 Year RCIP	UXO
Buffer 2000m	Defence Controlled Area	Known Contamination	Substantial Potential
Property Boundaries		No Known Contamination	Slight Potential
			Remote Potential
			Sea Dumping of Depth Charges
			Information
			Other
			Other Sea Dumping Sites

Scale: 0 200 400 800 1,200 Meters	Data Sources: Property Boundaries & Topographic Data: © Department Finance, Services & Innovation 2023	Coordinate System: GDA 1994 MGA Zone 56	Date: 26 September 2023
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Defence Sites and Unexploded Ordnance

6 Chapel Street, Bankstown, NSW 2200

Defence Controlled Areas (DCA)

Defence Controlled Areas provided by the Department of Defence within the dataset buffer:

Site ID	Location Name	Loc Conf	Dist	Dir
N/A	No records in buffer			

Defence Controlled Areas, Data Custodian: Department of Defence, Australian Government

Defence 3 Year Regional Contamination Investigation Program (RCIP)

Sites which have been assessed as part of the Defence 3 Year Regional Contamination Investigation Program within the dataset buffer:

Property ID	Base Name	Address	Known Contamination	Loc Conf	Dist	Dir
N/A	No records in buffer					

Defence 3 Year Regional Contamination Investigation Program, Data Custodian: Department of Defence, Australian Government

National Unexploded Ordnance (UXO)

Sites which have been assessed by the Department of Defence for the potential presence of unexploded ordnance within the dataset buffer:

Site ID	Location Name	Category	Area Description	Additional Information	Commonwealth	Loc Conf	Dist	Dir
138	Bankstown Airport	Other	This site was a Major WWII Airfield. Small quantities of ammunition up to 20mm have been found.		Not Commonwealth Land	As Supplied	1850m	West

National Unexploded Ordnance (UXO), Data Custodian: Department of Defence, Australian Government

EPA Other Sites with Contamination Issues

6 Chapel Street, Bankstown, NSW 2200

EPA Other Sites with Contamination Issues

This dataset contains other sites identified on the EPA website as having contamination issues. This dataset currently includes:

- James Hardie asbestos manufacturing and waste disposal sites
- Radiological investigation sites in Hunter's Hill
- Pasminco Lead Abatement Strategy Area

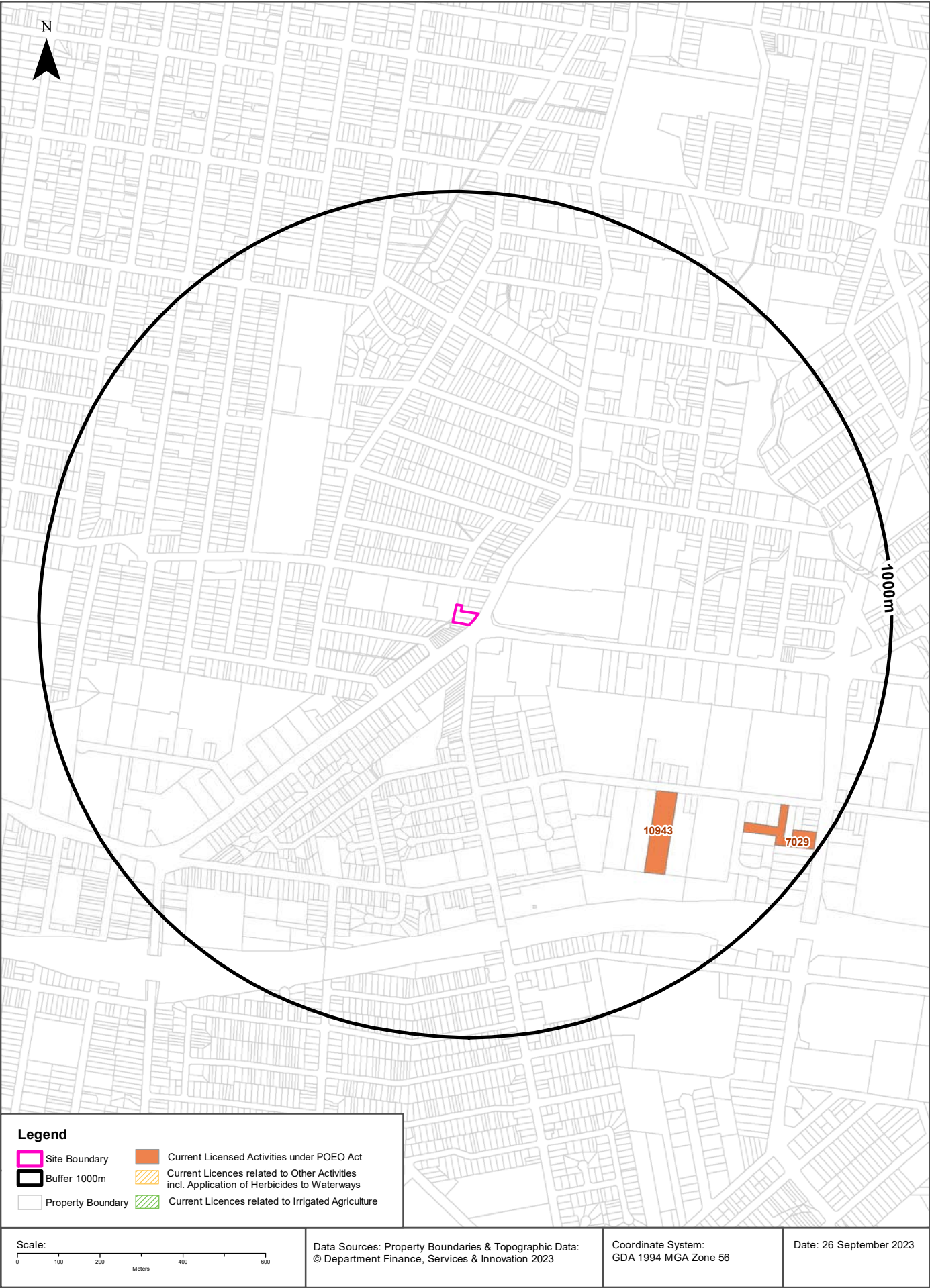
Sites within the dataset buffer:

Site Id	Site Name	Site Address	Dataset	Comments	Location Confidence	Distance	Direction
N/A	No records in buffer						

EPA Other Sites with Contamination Issues: Environment Protection Authority
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Current EPA Licensed Activities

6 Chapel Street, Bankstown, NSW 2200



EPA Activities

6 Chapel Street, Bankstown, NSW 2200

Licensed Activities under the POEO Act 1997

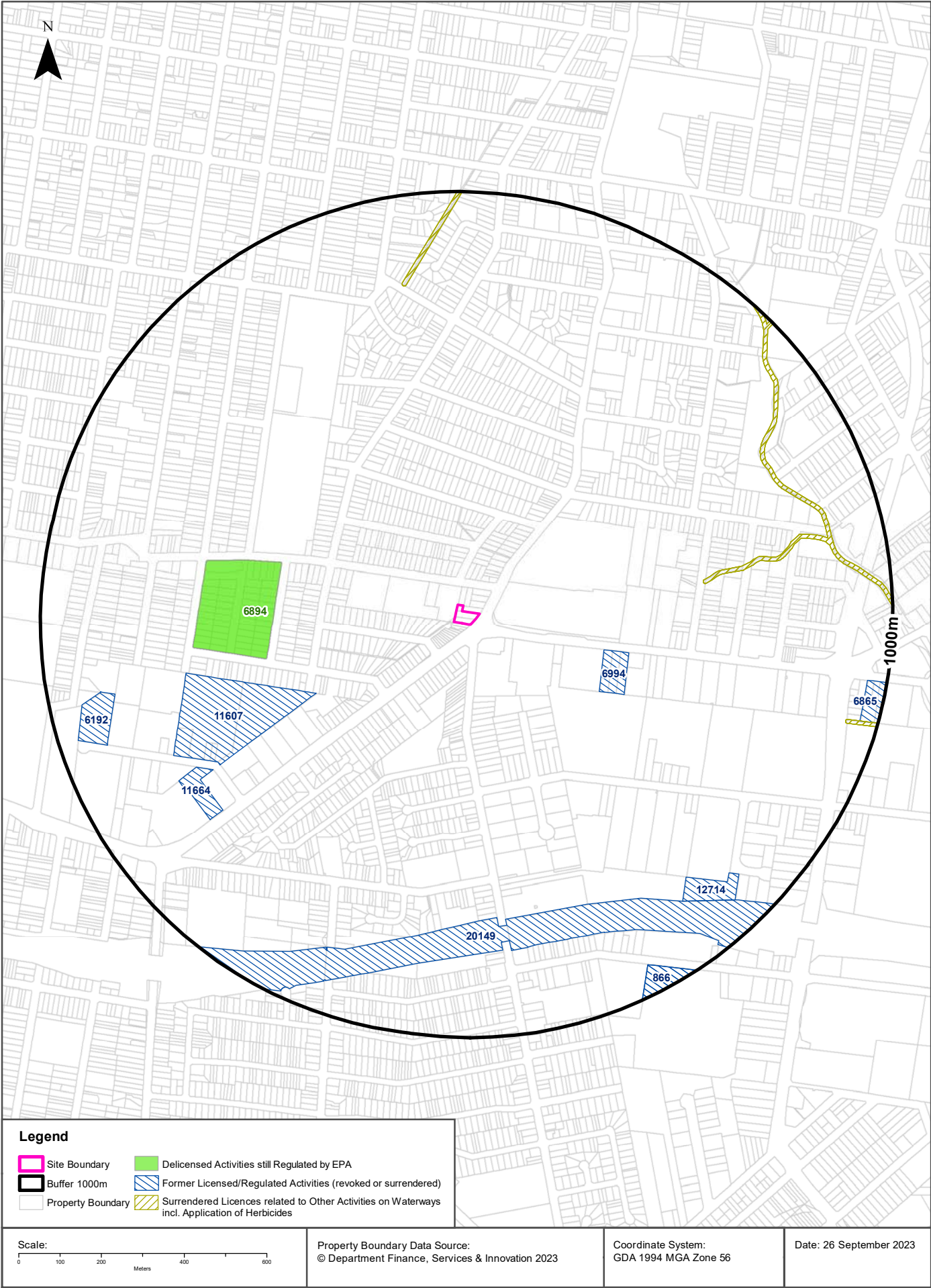
Licensed activities under the Protection of the Environment Operations Act 1997, within the dataset buffer:

EPL	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
10943	GOW STREET RECYCLING CENTRE PTY. LTD.	GOW ST. RECYCLING	81 GOW STREET	PADSTOW	Recovery of general waste	Premise Match	604m	South East
10943	GOW STREET RECYCLING CENTRE PTY. LTD.	GOW ST. RECYCLING	81 GOW STREET	PADSTOW	Waste storage - other types of waste	Premise Match	604m	South East
7029	GALVATECH PTY LTD	GALVATECH PTY LTD	1 WORDIE PLACE	PADSTOW	Metal coating	Premise Match	816m	South East
7029	GALVATECH PTY LTD	GALVATECH PTY LTD	1 WORDIE PLACE	PADSTOW	Metal waste generation	Premise Match	816m	South East

POEO Licence Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

Delicensed & Former Licensed EPA Activities
6 Chapel Street, Bankstown, NSW 2200



EPA Activities

6 Chapel Street, Bankstown, NSW 2200

Delicensed Activities still regulated by the EPA

Delicensed activities still regulated by the EPA, within the dataset buffer:

Licence No	Organisation	Name	Address	Suburb	Activity	Loc Conf	Distance	Direction
6894	SYDNEY SOUTH WEST AREA HEALTH SERVICE	BANKSTOWN-LIDCOMBE HOSPITAL	ELDRIDGE ROAD	BANKSTOWN	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	434m	West

Delicensed Activities Data Source: Environment Protection Authority

© State of New South Wales through the Environment Protection Authority

Former Licensed Activities under the POEO Act 1997, now revoked or surrendered

Former Licensed activities under the Protection of the Environment Operations Act 1997, now revoked or surrendered, within the dataset buffer:

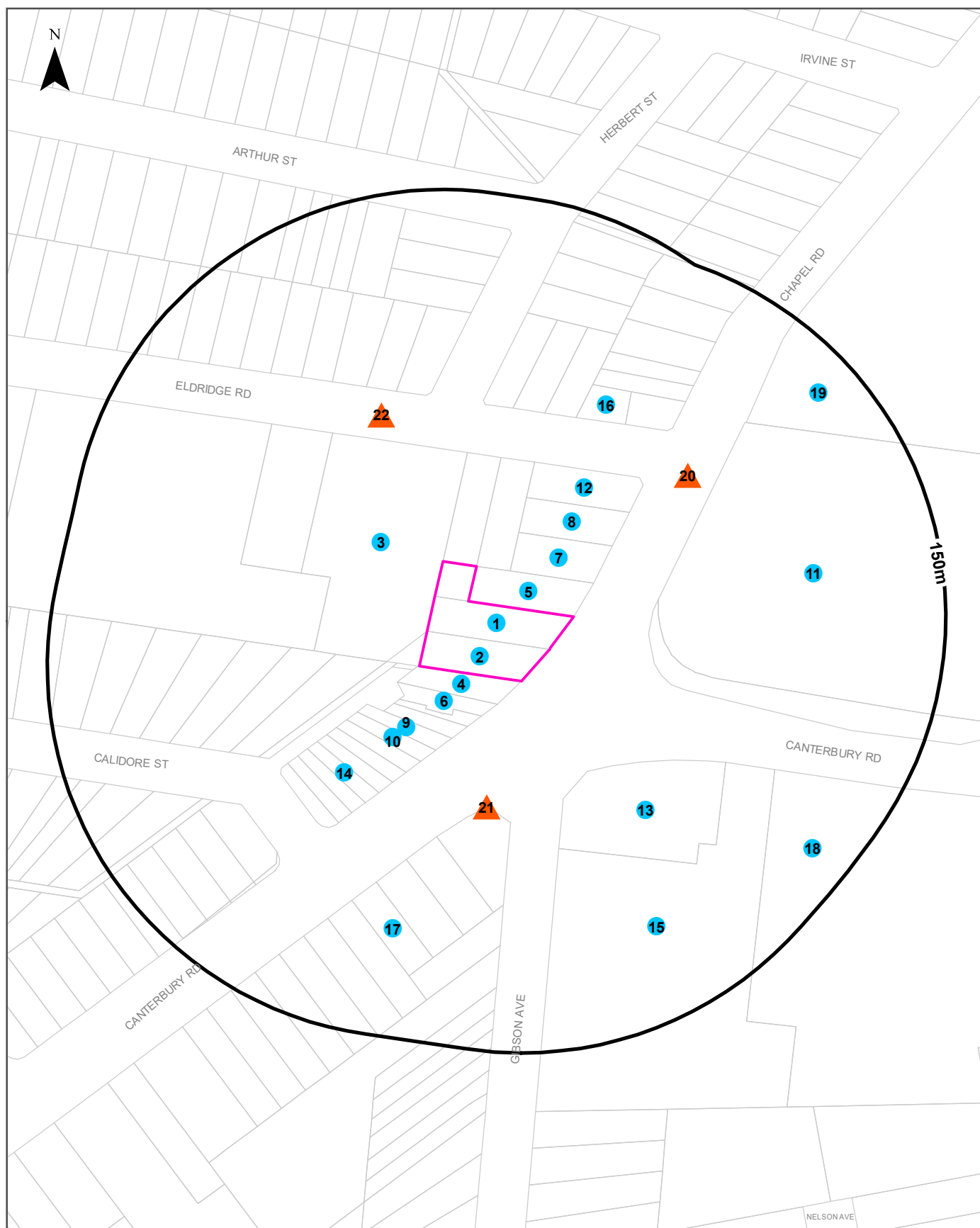
Licence No	Organisation	Location	Status	Issued Date	Activity	Loc Conf	Distance	Direction
6994	MACKIES ASIA PACIFIC PTY LIMITED	MACKIES ASIA PACIFIC PTY LIMITED, 112-116 CANTERBURY ROAD, BANKSTOWN	Revoked	10/08/2000	Metal waste generation	Premise Match	313m	East
11607	BORAL INVESTMENTS PTY LIMITED	2A Mavis Street, REVESBY, NSW 2212	Surrendered	05/06/2002	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	375m	South West
4653	LUHRMANN ENVIRONMENT MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW	Surrendered	06/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	547m	North East
4838	Robert Orchard	Various Waterways throughout New South Wales - SYDNEY NSW 2000	Surrendered	07/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	547m	North East
6630	SYDNEY WEED & PEST MANAGEMENT PTY LTD	WATERWAYS THROUGHOUT NSW - PROSPECT, NSW, 2148	Surrendered	09/11/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	547m	North East
7498	BANKSTOWN CITY COUNCIL	-, Waterways throughout Bankstown City Council, BANKSTOWN	Surrendered	07/09/2000	Other Activities / Non Scheduled Activity - Application of Herbicides	Network of Features	547m	North East
11664	MACDERMID OVERSEAS ASIA LTD	299 CANTERBURY ROAD, REVESBY, NSW 2212	Surrendered	31/05/2002	Dangerous goods production; Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	683m	South West
20149	ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD	M5 West Widening - Kings Georges Rd to Camden Valley Way, PO Box 5700, WEST CHATSWOOD	Surrendered	07/08/2012	Road construction	Road Match	712m	South
12714	TAK SON RECYCLING PTY LTD	Unit 8/9 Wordie Place, PADSTOW, NSW 2211	Surrendered	27/06/2007	Waste storage - hazardous, restricted solid, liquid, clinical and related waste and asbestos waste	Premise Match	803m	South East
6192	VEOLIA ENVIRONMENTAL SERVICES (AUSTRALIA) PTY LTD	36A MAVIS STREET, REVESBY, NSW 2212	Surrendered	15/05/2000	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	837m	West

Licence No	Organisation	Location	Status	Issued Date	Activity	Loc Conf	Distance	Direction
866	THE LINCOLN ELECTRIC CO (AUSTRALIA) PTY LTD	THE LINCOLN ELECTRIC CO (AUSTRALIA) PTY LTD, 35 BRYANT ST, PADSTOW	Surrendered	10/08/2000	Chemical production waste generation	Premise Match	928m	South East
866	THE LINCOLN ELECTRIC CO (AUSTRALIA) PTY LTD	THE LINCOLN ELECTRIC CO (AUSTRALIA) PTY LTD, 35 BRYANT ST, PADSTOW	Surrendered	10/08/2000	General chemicals storage	Premise Match	928m	South East
6865	BLUE POINT PRODUCTS PTY LTD	12 SHORT STREET, BANKSTOWN, NSW 2200	Surrendered	26/06/2000	Hazardous, Industrial or Group A Waste Generation or Storage	Premise Match	952m	East

Former Licensed Activities Data Source: Environment Protection Authority
 © State of New South Wales through the Environment Protection Authority

Historical Business Directories

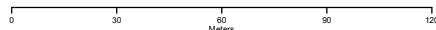
6 Chapel Street, Bankstown, NSW 2200



Legend

- Site Boundary
- Buffer 150m
- Property Boundary
- Business directory records mapped to a specific premise
- Business directory records mapped to a road intersection
- ▲ Business directory records mapped to a road corridor
- Business directory records mapped to a general area

Scale:



Coordinate System:
GDA 1994 MGA Zone 56

Date: 26 September 2023

Data Sources: Reproduced with permission of UBD and Hardie Grant Media Pty Ltd DD 01/08/2018

Historical Business Directories

6 Chapel Street, Bankstown, NSW 2200

Business Directory Records 1950-1991 Premise or Road Intersection Matches

Universal Business Directory records from years 1991, 1986, 1982, 1978, 1975, 1970, 1965, 1961 & 1950, mapped to a premise or road intersection within the dataset buffer:

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
1	TAXATION CONSULTANTS.	Block, H. & R., 6 Chapel Rd., Bankstown. 2200	92164	1986	Premise Match	0m	On-site
	DANCING TEACHERS &/OR STUDIOS.	Langshaw School of Dance, 6 Chapel Rd., Bankstown. 2200	21250	1986	Premise Match	0m	On-site
	DANCING TEACHERS &/OR STUDIOS.	Langshaw School of Dancing, 6 Chapel Rd., Bankstown. 2200	21251	1986	Premise Match	0m	On-site
	CAKE SHOPS &/OR PASTRYCOOKS.	Steele, D., 6 Chapel Rd., Bankstown South. 2200	11948	1986	Premise Match	0m	On-site
	GIFT SHOPS. (G3350)	Aposhian, G. & A., 6 Chapel Rd., Bankstown. 2200.	36061	1982	Premise Match	0m	On-site
	CAKE SHOPS &/OR PASTRYCOOKS. (C0465)	Steele, D., 6 Chapel Rd., Bankstown South. 2200.	12826	1982	Premise Match	0m	On-site
	AQUARIUMS & SUPPLIES.	Elcon Tropical Aquarium, 6B Chapel Rd., Bankstown. 2200	2803	1978	Premise Match	0m	On-site
	CAKE SHOPS &/OR PASTRYCOOKS.	Steele, D., 6 Chapel Rd., Bankstown South. 2200	10957	1978	Premise Match	0m	On-site
	CAKE SHOPS &/OR PASTRYCOOKS.	Steele, D., 6A Chapel Rd., Bankstown South. 2200	12783	1975	Premise Match	0m	On-site
	FRUITERERS/GREENGROCER S (F640)	South Bankstown Fruit & Vegetables., 6 Chapel Rd., Bankstown South	307956	1970	Premise Match	0m	On-site
	CAKE SHOPS & PASTRYCOOKS (C045)	Steele, D., 6a Chapel Rd., Bankstown South	276898	1970	Premise Match	0m	On-site
	Cake Shops & Pastrycooks	Steele, D., 6a Chapel Rd., Bankstown South	61606	1965	Premise Match	0m	On-site
	Fruiterers & Greengrocers	Vernon's Fruit & Produce, 6 Chapel Rd., Bankstown South	92317	1965	Premise Match	0m	On-site
	CAKE SHOPS & PASTRYCOOKS	Steele, D., 6a Chapel Rd., Bankstown South	283337	1961	Premise Match	0m	On-site
	FRUITERERS/GREENGROCER S	Vernon's Fruit & Produce, 6 Chapel Rd., Bankstown South	316372	1961	Premise Match	0m	On-site
2	NEWSAGENTS.	Cooper, John Newsagents, 4 Chapel Rd., Bankstown. 2200	69263	1986	Premise Match	0m	On-site
	VIDEO RECORDER &/OR CASSETTE SALES &/OR HIRE &/OR SERVICE.	Movietime Video, 4A Chapel Rd. Bankstown. 2200	97668	1986	Premise Match	0m	On-site
	BUTCHERS-RETAIL.	Parsonage, J., 2 Chapel Rd., Bankstown South. 2200	10411	1986	Premise Match	0m	On-site
	NEWSAGENTS. (N0800)	Cooper, John Newsagents, 4 Chapel Rd., Bankstown. 2200.	60459	1982	Premise Match	0m	On-site
	BUTCHERS - RETAIL. (B8040)	Parsonage, J., 2 Chapel Rd., Bankstown South. 2200.	11369	1982	Premise Match	0m	On-site
	NEWSAGENTS-GENERAL.	Gills Newsagents, 4 Chapel Rd, Bankstown 2200	53901	1978	Premise Match	0m	On-site
	BUTCHERS-RETAIL.	Parsonage, J., 2 Chapel Rd., Bankstown South. 2200	9713	1978	Premise Match	0m	On-site
	NEWSAGENTS-GENERAL	Edgley Newsagents., 4 Chapel Rd., Bankstown. 2200	63533	1975	Premise Match	0m	On-site
	FRUITERERS &/OR GREENGROCERS.	Paul's Fruit & Vegetables., 4A Chapel Rd., Bankstown. 2200.	35665	1975	Premise Match	0m	On-site
	BUTCHERS-RETAIL	Stevenson, J., 2 Chapel Rd., Bankstown South. 2200	11218	1975	Premise Match	0m	On-site

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
2	CHEMISTS-PHARMACEUTICAL	Fenton, A. C., 2a Chapel Rd., Bankstown	280359	1970	Premise Match	0m	On-site
	BUTCHERS-RETAIL (B860)	Parsonage, J., 2 Chapel Rd., Bankstown South	274298	1970	Premise Match	0m	On-site
	STATIONERS-RETAIL (S516)	Stevenson's Newsagency, 4 Chapel Rd., Bankstown South	364809	1970	Premise Match	0m	On-site
	TOY DEALERS-RETAIL	Stevenson's Newsagency, 4 Chapel Rd., Bankstown South	370256	1970	Premise Match	0m	On-site
	NEWSAGENTS (N100)	Stevenson's Newsagency., 4 Chapel Rd., Bankstown South	343877	1970	Premise Match	0m	On-site
	Chemists - Pharmaceutical	Fenton, A C., 2a Chapel Rd., Bankstown	64996	1965	Premise Match	0m	On-site
	Butchers - Retail	Sonter, J., 2 Chapel Rd., Bankstown	59312	1965	Premise Match	0m	On-site
	BOOKSELLERS---RETAIL	Steel, C., 4 Chapel Rd., Bankstown South	52924	1965	Premise Match	0m	On-site
	Newsagents	Steel, C., 4 Chapel Rd., Bankstown South	128486	1965	Premise Match	0m	On-site
	CHEMISTS-PHARMACEUTICAL	Fenton, A. C., 2a Chapel Rd., Bankstown	287567	1961	Premise Match	0m	On-site
	BUTCHERS-RETAIL	Sonter, J., 2 Chapel Rd., Bankstown	281190	1961	Premise Match	0m	On-site
	BOOKSELLERS-RETAIL	Steel, C., 4 Chapel Rd., Bankstown South	274465	1961	Premise Match	0m	On-site
	NEWSAGENTS	Steel, C., 4 Chapel Rd., Bankstown South	353449	1961	Premise Match	0m	On-site
	BUTCHERS-RETAIL	Sonter, J., 2 Chapel Rd., Bankstown	14380	1950	Premise Match	0m	On-site
3	MEDICAL PRACTITIONERS.	Baird, J., Eldridge Medical Centre, 14 Eldridge Rd., Bankstown. 2200	53522	1986	Premise Match	0m	North West
	MEDICAL PRACTITIONERS.	Farkas, G. S., Eldridge Medical Centre, 14 Eldridge Rd., Bankstown. 2200.	54769	1986	Premise Match	0m	North West
	MEDICAL PRACTITIONERS.	Fitzgerald, G. A., Eldridge Medical Centre, 14 Eldridge Rd., Bankstown. 2200.	54849	1986	Premise Match	0m	North West
	MEDICAL PRACTITIONERS.	Gilles, M., Eldridge Medical Centre, 14 Eldridge Rd., Bankstown. 2200	55031	1986	Premise Match	0m	North West
	MEDICAL PRACTITIONERS.	Greenberg, A., Eldridge Medical Centre, 14 Eldridge Rd., Bankstown. 2200	55153	1986	Premise Match	0m	North West
	MEDICAL PRACTITIONERS.	Hunt, T., Eldridge Medical Centre, 14 Eldridge Rd., Bankstown. 2200	55505	1986	Premise Match	0m	North West
	MEDICAL PRACTITIONERS.	Lamond, P. K., Eldridge Medical Centre, 14 Eldridge Rd., Bankstown. 2200	55930	1986	Premise Match	0m	North West
	MEDICAL PRACTITIONERS.	Lim, D., Eldridge Medical Centre, 14 Eldridge Rd., Bankstown. 2200	56069	1986	Premise Match	0m	North West
	MEDICAL PRACTITIONERS.	Purss, G., Eldridge Medical Centre, 14 Eldridge St., Bankstown. 2200	57061	1986	Premise Match	0m	North West
	MEDICAL PRACTITIONERS.	Reeves, S., Eldridge Medical Centre, 14 Eldridge St., Bankstown. 2200	57157	1986	Premise Match	0m	North West
	MEDICAL PRACTITIONERS.	Somas, L., Eldridge Medical Centre, 14 Eldridge Rd., Bankstown. 2200	57679	1986	Premise Match	0m	North West
	MEDICAL PRACTITIONERS.	Stephenson, D., Eldridge Medical Centre, 14 Eldridge Rd., Bankstown. 2200	57742	1986	Premise Match	0m	North West
	MEDICAL PRACTITIONERS.	White, F. D., Eldridge Medical Centre, 14 Eldridge Rd., Bankstown. 2200	58217	1986	Premise Match	0m	North West
	MEDICAL PRACTITIONERS.	Wyndham, R., Eldridge Medical Centre, 14 Eldridge Rd., Bankstown. 2200	58370	1986	Premise Match	0m	North West
4	MEDICAL PRACTITIONERS.	Choong, T., 199A Canterbury Rd., Bankstown. 2200	54155	1986	Premise Match	0m	South West
	WINE &/OR SPIRIT MERCHANTS RETAIL.	Five Ways Cellars, 199 Canterbury Rd., Bankstown. 2200	99289	1986	Premise Match	0m	South West
	MEDICAL PRACTITIONERS. (M2020)	Elliott, B. J., 199A Canterbury Rd., Bankstown. 2200	47989	1982	Premise Match	0m	South West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
4	WINE &/OR SPIRIT MERCHANTS -. RETAIL. (W5960)	Five Ways Cellars, 199 Canterbury Rd., Bankstown. 2200.	84749	1982	Premise Match	0m	South West
	FISH MERCHANTS-RETAIL	Four Ways Fish Supply, 201 Canterbury Rd., Bankstown South. 2200	32390	1975	Premise Match	0m	South West
	GROCERS-RETAIL	Four Ways Store., 199 Canterbury Rd., Bankstown South. 2200	39386	1975	Premise Match	0m	South West
	FISH MERCHANTS-RETAIL (F245)	Four Ways Fish Supply., 201 Canterbury Rd., Bankstown South	303452	1970	Premise Match	0m	South West
	GROCERS-RETAIL (G655)	Four Ways Store., 199 Canterbury Rd., Bankstown South	312444	1970	Premise Match	0m	South West
	FRUITERERS & GREENGROCERS	Lockhart, E. J., 199 Canterbury Rd., Bankstown South	50544	1950	Premise Match	0m	South West
	GROCERS-RETAIL	Lockhart, E. J., 199 Canterbury Rd., Bankstown South	58126	1950	Premise Match	0m	South West
	MILK BARS & CONFECTIONERS	Lockhart, E. J., 199 Canterbury Rd., Bankstown South	76959	1950	Premise Match	0m	South West
5	MIXED BUSINESSES.	Manahan Food Store, 8 Chapel Rd., Bankstown. 2200	60184	1986	Premise Match	0m	North East
	MIXED BUSINESSES. (M4060)	Assaf, M, 8 Chapel Rd., Bankstown. 2200.	52898	1982	Premise Match	0m	North East
	DELICATESSENS, (D1250)	Assaf, M., 8 Chapel Rd., Bankstown. 2200.	19243	1982	Premise Match	0m	North East
	FISH MERCHANTS-RETAIL.	Netos, J., 8A Chapel Rd., Bankstown South. 2200	28070	1978	Premise Match	0m	North East
	DELICATESSENS.	Petrov, J. & Tamvakeras, J., 8 Chapel Rd., Bankstown. 2200	17634	1978	Premise Match	0m	North East
	MIXED BUSINESSES.	Petrov, J. & Tamvakeras, J., 8 Chapel Rd., Bankstown. 2200	46978	1978	Premise Match	0m	North East
	MIXED BUSINESSES.	Tamvakeras, J. & Sons., 8 Chapel Rd., Bankstown. 2200	55701	1975	Premise Match	0m	North East
	FISH MERCHANTS-RETAIL	Theodore's Fish Supply, 8A Chapel Rd., Bankstown South. 2200	32641	1975	Premise Match	0m	North East
	MIXED BUSINESSES (M408)	Carroll, Nev, Food Store., 8 Chapel Rd., South Bankstown	332255	1970	Premise Match	0m	North East
6	Mixed Businesses	Beesley, C. H. & B. J., Pty. Ltd., 199-211 Canterbury Rd., Bankstown South	116689	1965	Premise Match	8m	South West
	MIXED BUSINESSES	Beesley, C. H. & B. J., Pty. Ltd., 199-211 Canterbury Rd., Bankstown South	343039	1961	Premise Match	8m	South West
7	DENTISTS. (D1800)	Green, D. M., 10 Chapel Rd., Bankstown South. 2200.	20293	1982	Premise Match	14m	North East
	DENTISTS.	Green, D. M., 10 Chapel Rd., Bankstown South. 2200	18102	1978	Premise Match	14m	North East
	DENTISTS.	Cloutier, R. M., 10 Chapel Rd., Bankstown South. 2200	20845	1975	Premise Match	14m	North East
	DENTISTS.	Green, D. M., 10 Chapel Rd., Bankstown South 2200	20987	1975	Premise Match	14m	North East
	GIFT SHOPS.	Manahan Gift Store., 10 Chapel Rd., Bankstown South. 2200.	38219	1975	Premise Match	14m	North East
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Milk Bar., 10 Chapel Rd., Bankstown. 2200	53609	1975	Premise Match	14m	North East
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Valerie Joy Salon, 10 Chapel Rd., Bankstown South. 2200	6064	1975	Premise Match	14m	North East
	DENTISTS (D140)	Cloutier, R. M., 10 Chapel Rd., Bankstown	288465	1970	Premise Match	14m	North East
	GIFT SHOPS (G180)	Lewis, R. T., 10 Chapel Rd., South Bankstown	310888	1970	Premise Match	14m	North East
	TOBACCONISTS-RETAIL	Lucky Bill's Kiosk, 10a Chapel Rd., Bankstown South	369279	1970	Premise Match	14m	North East
	FISH MERCHANTS-RETAIL (F245)	Theodore's Fish Supply., 10 Chapel Rd., Bankstown South	303798	1970	Premise Match	14m	North East
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS (B260)	Valerie Joy., 10 Chapel Rd., Bankstown	266732	1970	Premise Match	14m	North East
	Fruiterers & Greengrocers	Bankstown South Fruit Shop, 10 Chapel Rd., Bankstown South	90827	1965	Premise Match	14m	North East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
7	DENTISTS	Cloutier, R. M., 10 Chapel Rd., Bankstown	73223	1965	Premise Match	14m	North East
	Drapers - Retail	Cowmeadow, H., 10 Chapel Rd., Bankstown South	74988	1965	Premise Match	14m	North East
	Milk, Fruit Juice Bars/Confectioners	Gazzard, E. & L., 10 Chapel Rd., Bankstown South	115072	1965	Premise Match	14m	North East
	TOBACCONISTS—RETAIL	Lucky Bill's Kiosk, 10a Chapel Rd., Bankstown South	152163	1965	Premise Match	14m	North East
	Beauty Salons &/or Ladies Hairdressers	Marilyn Jane., 10 Chapel Rd., Bankstown	50947	1965	Premise Match	14m	North East
	Fish Merchants - Retail	Theodore's Fish Supply, 10 Chapel Rd., Bankstown South	87128	1965	Premise Match	14m	North East
	FRUITERERS/GREENGROCER S	Bankstown South Fruit. Shop, 10 Chapel Rd., Bankstown South	314988	1961	Premise Match	14m	North East
	DENTISTS	Cloutier, R. M., 10 Chapel Rd., Bankstown	295787	1961	Premise Match	14m	North East
	DRAPERS-RETAIL	Cowmeadow, H., 10 Chapel Rd., Bankstown South	297827	1961	Premise Match	14m	North East
	MILK, FRUIT JUICE BARS/CONFECTIONERS	Gazzard, E. & L., 10 Chapel Rd., Bankstown South	339093	1961	Premise Match	14m	North East
	REAL ESTATE AGENTS/VALUERS	Gray, Stan & Dunn, 10 Chapel Rd., Bankstown South	365018	1961	Premise Match	14m	North East
	TOBACCONISTS-RETAIL	Lucky Bills Kiosk, 10a Chapel Rd., Bankstown South	257804	1961	Premise Match	14m	North East
	BEAUTY SALONS & LADIES' HAIRDRESSERS	Marilyn Jane, 10 Chapel Rd., Bankstown	272597	1961	Premise Match	14m	North East
	REAL ESTATE AGENTS/VALUERS	Naylor, J. A. & Co., 10 Chapel Rd. BANKSTOWN	365026	1961	Premise Match	14m	North East
	FISH MERCHANTS-RETAIL	Theodore's Fish Supply, 10 Chapel Rd., Bankstown South	311255	1961	Premise Match	14m	North East
8	HAIRDRESSERS-LADIES &/OR BEAUTY SALONS.	Fringe Images, 12 Chapel Rd., Bankstown. 2200	42088	1986	Premise Match	22m	North East
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS. (B2000)	Macks Salon, 12 Chapel Rd., Bankstown. 2200.	6129	1982	Premise Match	22m	North East
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Macks Salon. 12 Chapel Rd., Bankstown. 2200	5283	1978	Premise Match	22m	North East
	BEAUTY SALONS &/OR LADIES HAIRDRESSERS.	Mack's Salon, 12 Chapel Rd., Bankstown. 2200.	5597	1975	Premise Match	22m	North East
	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS (B260)	Mack's Salon., 12 Chapel Rd., Bankstown	266244	1970	Premise Match	22m	North East
9	RESTAURANTS.	Mandarin, 203 Canterbury Rd., Bankstown. 2200	82241	1986	Premise Match	22m	South West
	RESTAURANTS. (R5180)	Mandarin, 203 Canterbury Rd., Bankstown. 2200.	71314	1982	Premise Match	22m	South West
10	MOTOR BRAKE SERVICES.	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	61655	1986	Premise Match	27m	South West
	MOTOR ELECTRICIANS.	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	63024	1986	Premise Match	27m	South West
	MOTOR ENGINE RECONDITIONERS.	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	63153	1986	Premise Match	27m	South West
	MOTOR GARAGES & SERVICE STATIONS.	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	65480	1986	Premise Match	27m	South West
	MOTOR PANEL BEATERS &/OR SPRAY PAINTERS.	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	66769	1986	Premise Match	27m	South West
	MOTOR SPARE PARTS DEALERS RETAIL	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	67488	1986	Premise Match	27m	South West
	MOTOR TUNING SPECIALISTS.	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	68481	1986	Premise Match	27m	South West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
10	MOTOR TOWING SERVICES.	South Bankstown Service Centre, 203 Canterbury Rd., South. Bankstown. 2200	67994	1986	Premise Match	27m	South West
	TYRE DEALERS &/OR RETREADERS &/OR VULCANISERS.	South Bankstown Service Centre, 203 Canterbury Rd., South.Bankstown. 2200	96431	1986	Premise Match	27m	South West
	MOTOR BRAKE SERVICES. (M5240)	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	54455	1982	Premise Match	27m	South West
	MOTOR ELECTRICIANS, (M6580)	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200.	55591	1982	Premise Match	27m	South West
	MOTOR ENGINE RECONDITIONERS. (M6640)	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200.	55693	1982	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200.	57594	1982	Premise Match	27m	South West
	MOTOR PANEL BEATERS &/OR SPRAY PAINTERS. (M7360)	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200.	58725	1982	Premise Match	27m	South West
	MOTOR SPARE PARTS DEALERS -RETAIL. (M7840)	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200.	59285	1982	Premise Match	27m	South West
	MOTOR TOWING SERVICES. (M8220)	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200.	59668	1982	Premise Match	27m	South West
	MOTOR TUNING SPECIALISTS.(M8350)	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200.	59918	1982	Premise Match	27m	South West
	TYRE DEALERS &/ORRETREADERS &/OR VULCANISERS. (T8830)	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200.	82715	1982	Premise Match	27m	South West
	MOTOR SPARE PARTS DEALERS-RETAIL.	South Bankstown Service Centre, 203 Canterbury Rd, South Bankstown 2200	52828	1978	Premise Match	27m	South West
	MOTOR TOWING SERVICES	South Bankstown Service Centre, 203 Canterbury Rd, South Bankstown 2200	53189	1978	Premise Match	27m	South West
	MOTOR BRAKE SERVICES.	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	47988	1978	Premise Match	27m	South West
	MOTOR CARBURETTOR &/OR TUNING SPECIALISTS.	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	48679	1978	Premise Match	27m	South West
	MOTOR ELECTRICIANS	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	49073	1978	Premise Match	27m	South West
	MOTOR ENGINE RECONDITIONERS.	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	49150	1978	Premise Match	27m	South West
	MOTOR PAINTERS.	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	51677	1978	Premise Match	27m	South West
	MOTOR PANEL BEATERS	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	52363	1978	Premise Match	27m	South West
	TYRE DEALERS &/OR RETREADERS &/OR VULCANISERS	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	72970	1978	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	South Bankstown Service Centre. 203 Canterbury Rd., South Bankstown. 2200	50850	1978	Premise Match	27m	South West
	TYRE DEALERS, RETREADERS &/OR VULCANIZERS,	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	85630	1975	Premise Match	27m	South West
	MOTOR BRAKE SERVICES.	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown. 2200	56832	1975	Premise Match	27m	South West

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10	MOTOR ENGINE RECONDITIONERS.	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown. 2200	58131	1975	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS.	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown. 2200	59551	1975	Premise Match	27m	South West
	MOTOR PAINTERS.	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown. 2200	60431	1975	Premise Match	27m	South West
	MOTOR PANEL BEATERS.	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown. 2200	61124	1975	Premise Match	27m	South West
	MOTOR SPARE PARTS DEALERS- RETAIL	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown. 2200	62335	1975	Premise Match	27m	South West
	MOTOR TOWING SERVICES.	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown. 2200	62749	1975	Premise Match	27m	South West
	MOTOR CARBURETTOR &/OR TUNING SPECIALISTS	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown. 2200.	57637	1975	Premise Match	27m	South West
	MOTOR ELECTRICIANS.	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown. 2200.	58046	1975	Premise Match	27m	South West
	TYRE/TUBE DEALERS (T760)	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown	371930	1970	Premise Match	27m	South West
	MOTOR CARBURETTOR/TUNING SPECIALISTS (M564)	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown	336462	1970	Premise Match	27m	South West
	MOTOR ELECTRICIANS (M620)	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown	336956	1970	Premise Match	27m	South West
	MOTOR GARAGES & ENGINEERS(M6S6)	South Bankstown Service Centre., 203 -213 Canterbury Rd., BANKSTOWN	338627	1970	Premise Match	27m	South West
	MOTOR BRAKE SERVICES (M512)	South Bankstown Service Centre., 203 -213 Canterbury Rd., South Bankstown	335559	1970	Premise Match	27m	South West
	MOTOR ENGINE RECONDITIONERS(M624)	South Bankstown Service Centre., 203 -213 Canterbury Rd., South Bankstown	337072	1970	Premise Match	27m	South West
	MOTOR PAINTERS (M672)	South Bankstown Service Centre., 203 -213 Canterbury Rd., South Bankstown	339654	1970	Premise Match	27m	South West
	MOTOR PANEL BEATERS (M680)	South Bankstown Service Centre., 203 -213 Canterbury Rd., South Bankstown	340428	1970	Premise Match	27m	South West
	MOTOR SPARE PARTS DEALERS-RETAIL (M728)	South Bankstown Service Centre., 203 -213 Canterbury Rd., South Bankstown	342022	1970	Premise Match	27m	South West
	MOTOR TOWING SERVICES (M744)	South Bankstown Service Centre., 203 -213 Canterbury Rd., South Bankstown	342561	1970	Premise Match	27m	South West
	Motor Carburettor/Tuning Specialists	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown	121279	1965	Premise Match	27m	South West
	Motor Electricians	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown	121824	1965	Premise Match	27m	South West
	Tyre/Tube Dealers	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown	154575	1965	Premise Match	27m	South West
	Motor Garages & Engineers	South Bankstown Service Centre, 203 -213 Canterbury Rd. Bankstown	122199	1965	Premise Match	27m	South West
	Motor Brake Services	South Bankstown Service Centre, 203 -213 Canterbury Rd., South Bankstown	120372	1965	Premise Match	27m	South West
	Motor Engine Reconditioners	South Bankstown Service Centre, 203 -213 Canterbury Rd., South Bankstown	121958	1965	Premise Match	27m	South West
	Motor Painters	South Bankstown Service Centre, 203 -213 Canterbury Rd., South Bankstown	124252	1965	Premise Match	27m	South West

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10	Motor Panel Beaters	South Bankstown Service Centre, 203 -213 Canterbury Rd., South Bankstown	125021	1965	Premise Match	27m	South West
	Motor Spare Parts Dealers - Retail	South Bankstown Service Centre, 203 -213 Canterbury Rd., South Bankstown	126649	1965	Premise Match	27m	South West
	Motor Towing Services	South Bankstown Service Centre, 203 -213 Canterbury Rd., South Bankstown	127151	1965	Premise Match	27m	South West
	MOTOR CARBURETTOR/TUNING SPECIALISTS	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown	345625	1961	Premise Match	27m	South West
	MOTOR ELECTRICIANS	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown	346166	1961	Premise Match	27m	South West
	TYRE/TUBE DEALERS	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown	260324	1961	Premise Match	27m	South West
	MOTOR GARAGES & ENGINEERS	South Bankstown Service Centre, 203 -213 Canterbury Rd., Bankstown	348165	1961	Premise Match	27m	South West
	MOTOR BRAKE SERVICES	South Bankstown Service Centre, 203 -213 Canterbury Rd., South Bankstown	344567	1961	Premise Match	27m	South West
	MOTOR ENGINE RECONDITIONERS	South Bankstown Service Centre, 203 -213 Canterbury Rd., South Bankstown	346334	1961	Premise Match	27m	South West
	MOTOR PAINTERS	South Bankstown Service Centre, 203 -213 Canterbury Rd., South Bankstown	349185	1961	Premise Match	27m	South West
	MOTOR PANEL BEATERS	South Bankstown Service Centre, 203 -213 Canterbury Rd., South Bankstown	349971	1961	Premise Match	27m	South West
	MOTOR SPARE PARTS DEALERS—RETAIL	South Bankstown Service Centre, 203 -213 Canterbury Rd., South Bankstown	351734	1961	Premise Match	27m	South West
	MOTOR TOWING SERVICES	South Bankstown Service Centre, 203 -213 Canterbury Rd., South Bankstown	352192	1961	Premise Match	27m	South West
11	Mattress &/or Bedding Mfrs &/or Dists	Dunlop Bedding, (Division of Pacific Dunlop Limited), 185 Canterbury Rd., Bankstown 2200	51443	1991	Premise Match	34m	East
	UPHOLSTERERS SUPPLIES.	Dunlopillo Pty. Ltd. 185 Canterbury Rd. Bankstown. 2200	96693	1986	Premise Match	34m	East
	MATTRESS &/OR BEDDING MFRS. &/OR DIST.	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown. 2200	53202	1986	Premise Match	34m	East
	RUBBER GOODS MFRS. &/OR DIST.	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown. 2200	83788	1986	Premise Match	34m	East
	TYRE DEALERS &/OR RETREADERS &/OR VULCANISERS.	Willis, Barry Tyres, 175 Canterbury Rd., Bankstown. 2200	96464	1986	Premise Match	34m	East
	TYRE DEALERS &/OR RETREADERS &/OR VULCANISERS. (T8830)	Dunlop Tyre Service (N.S.W) Pty. Ltd., 175 Canterbury Rd., Bankstown. 2200.	82629	1982	Premise Match	34m	East
	MATTRESS &/OR BEDDING MFRS.&/OR DIST. (M1670)	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown. 2200.	46816	1982	Premise Match	34m	East
	RUBBER GOODS MFRS. &/OR DIST. (R7490)	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown. 2200.	72509	1982	Premise Match	34m	East
	UPHOLSTERERS SUPPLIES. (U0650)	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown. 2200.	82951	1982	Premise Match	34m	East
	TYRE DEALERS &/OR RETREADERS &/OR VULCANISERS	Dunlop Tyre Service (N.S.W) Pty. Ltd., 175 Canterbury Rd., Bankstown. 2200	72901	1978	Premise Match	34m	East
	UPHOLSTERERS SUPPLIES.	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown.2200	73184	1978	Premise Match	34m	East
	MATTRESS &/OR BEDDING MFRS. &/OR DIST.	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown. 2200	41899	1978	Premise Match	34m	East
	RUBBERS GOODS MFRS &/OR DIST	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown. 2200	64051	1978	Premise Match	34m	East
	TYRE DEALERS, RETREADERS &/OR VULCANIZERS.	Dunlop Tyre Service (N.S.W) Pty. Ltd., 175 Canterbury Rd., Bankstown. 2200	85546	1975	Premise Match	34m	East

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11	BEDDING MFRS. &/OR DIST.	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown. 2200.	6148	1975	Premise Match	34m	East
	RUBBER GOODS MFRS. &/OR DIST.	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown. 2200	74799	1975	Premise Match	34m	East
	UPHOLSTERERS SUPPLIES.	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown. 2200	85860	1975	Premise Match	34m	East
	BEDDING MFRS. &/OR DIST.	Sleepmakers (NSW) Pty. Ltd., 185 Canterbury Rd., Bankstown. 2200.	6168	1975	Premise Match	34m	East
	BATTERY SALES & SERVICE (B230)	Dunlop Tyre Service (N.S.W.) Pty. Ltd. 175 Canterbury Rd., Bankstown, 2200	265342	1970	Premise Match	34m	East
	TYRE/TUBE DEALERS (T760)	Dunlop Tyre Service (N.S.W.) Pty. Ltd. 175 Canterbury Rd., Bankstown, 2200	371854	1970	Premise Match	34m	East
	FLOOR MATERIAL SPECIALISTS (F315)	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown	304104	1970	Premise Match	34m	East
	BEDDING MANUFACTURERS (B270)	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown	266843	1970	Premise Match	34m	East
	FURNITURE-LOUNGE SUITES-MFRS.&/OR W'SALERS (F755)	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown	309730	1970	Premise Match	34m	East
	RUBBER FLOORING/STAIRCASE TREADS MFRS. (R465)	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown	358032	1970	Premise Match	34m	East
	RUBBER GOODS MANUFACTURERS &/OR DISTRIBUTORS	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown	358106	1970	Premise Match	34m	East
	UPHOLSTERERS' SUPPLIES (U070)	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown	372163	1970	Premise Match	34m	East
	Bedding Mfrs.	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown	51365	1965	Premise Match	34m	East
	Furniture - Lounge Suites - Mfrs. &/or W'Salers	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown	93781	1965	Premise Match	34m	East
	Rubber Goods Manufacturers &/or Dist.	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown	141358	1965	Premise Match	34m	East
	Engineers General &/or Mfrg. &/or Mechanical	Engineering B.P., 181 Canterbury Rd., Bankstown	82341	1965	Premise Match	34m	East
	Engineers - Plastic	Engineering, B. P., 181 Canterbury Rd., Bankstown	83496	1965	Premise Match	34m	East
	Plastic Goods Manufacturers	Engineering, B. P., 181 Canterbury Rd., Bankstown	133904	1965	Premise Match	34m	East
	Tyre/Tube Dealers	National Tyre Service, 175 Canterbury Rd., Bankstown	154548	1965	Premise Match	34m	East
	Battery Service Stations	National Tyre Service., 175 Canterbury Rd., Bankstown	50220	1965	Premise Match	34m	East
	ELECTRIC CABLE, FLEX & WIRE MFRS. &/OR DIST.	Broue A Q Pty Ltd Bankstown Branch.,183 Canterbury Rd.	300128	1961	Premise Match	34m	East
	BEDDING MANUFACTURERS	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown	272917	1961	Premise Match	34m	East
	FURNITURE-LOUNGE SUITES-MFRS. &/OR W'SALERS	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown	318009	1961	Premise Match	34m	East
	RUBBER GOODS MANUFACTURERS &/OR DISTRIBUTORS	Dunlopillo Pty. Ltd., 185 Canterbury Rd., Bankstown	246913	1961	Premise Match	34m	East
	BRASS FINISHERS	B.P. Engineering, 181 Canterbury Rd., Bankstown	11147	1950	Premise Match	34m	East
	BRASS FITTINGS & BRASSWARE MFRS.	B.P. Engineering, 181 Canterbury Rd., Bankstown	11183	1950	Premise Match	34m	East
	ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL	B.P. Engineering, 181 Canterbury Rd., Bankstown	40446	1950	Premise Match	34m	East
	DRY CLEANERS, PRESSERS & DYERS	Challenge Dry Cleaners, 183 Canterbury Rd., Bankstown	35156	1950	Premise Match	34m	East
12	Upholsterers	G & K Upholstery, 14A Chapel Rd South Bankstown 2200	65425	1991	Premise Match	34m	North East
	UPHOLSTERERS.	G & K Upholstery, 14A Chapel Rd. South, Bankstown. 2200.	96589	1986	Premise Match	34m	North East
	UPHOLSTERERS.	G. & K. Upholstery, Chapel Rd., Bankstown. 2200.	96587	1986	Premise Match	34m	North East

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12	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Papanastasiou, I, 14B Chapel Rd., Bankstown. 2200	59303	1986	Premise Match	34m	North East
	CHEMISTS - PHARMACEUTICAL.(C4110)	Croot, D., 14A Chapel Rd., Bankstown. 2200.	14929	1982	Premise Match	34m	North East
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS, (M3180)	Papanastasiou, I, 14b Chapel Rd., Bankstown. 2200.	52377	1982	Premise Match	34m	North East
	CHEMISTS-PHARMACEUTICAL.	Croot. D., 14A Chapel Rd., Bankstown. 2200	13111	1978	Premise Match	34m	North East
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Papanastasiou, I, 14b Chapel Rd., Bankstown. 2200	46097	1978	Premise Match	34m	North East
	CHEMISTS-PHARMACEUTICAL	Carroll Chemist, 14A Chapel Rd., Bankstown. 2200.	15078	1975	Premise Match	34m	North East
	MILK, FRUIT JUICE BARS &/OR CONFECTIONERS.	Tony's Milk Bar., 14 Chapel Rd., Bankstown. 2200	53914	1975	Premise Match	34m	North East
	GROCERS-RETAIL	Variety (Mayfair) Food Store., 14 Chapel Rd., South Bankstown. 2200	39968	1975	Premise Match	34m	North East
	CHEMISTS-PHARMACEUTICAL	Carroll Chemist, 14a Chapel Rd., South Bankstown	280173	1970	Premise Match	34m	North East
	GROCERS-RETAIL (G655)	Variety (Mayfair) Food Store., 14 Chapel Rd., South Bankstown	313115	1970	Premise Match	34m	North East
	Chemists - Pharmaceutical	Carroll's, 14a Chapel Rd., Bankstown	64823	1965	Premise Match	34m	North East
13	Tyre Dealers &/or Retreaders &/or Vulcanisers	Bob Jane T Mart, 164 Canterbury Rd Bankstown 2200	65230	1991	Premise Match	45m	South East
	TYRE DEALERS &/OR RETREADERS &/OR VULCANISERS.	Bob Jane T-Mart, 164 Canterbury Rd., Bankstown. 2200	96301	1986	Premise Match	45m	South East
	MOTOR ACCESSORIES DEALERS.	Four Ways Motors Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown. 2200	56163	1975	Premise Match	45m	South East
	MOTOR GARAGES &/OR ENGINEERS.	Four Ways Motors Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown. 2200	58897	1975	Premise Match	45m	South East
	MOTOR PAINTERS.	Four Ways Motors Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown. 2200	60128	1975	Premise Match	45m	South East
	MOTOR PANEL BEATERS.	Four Ways Motors Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown. 2200	60786	1975	Premise Match	45m	South East
	MOTOR SPARE PARTS DEALERS- RETAIL	Four Ways Motors Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown. 2200	62204	1975	Premise Match	45m	South East
	MOTOR CAR &/OR TRUCK DEALERS- NEW &/OR USED.	Four Ways Motors Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown. 2200.	57157	1975	Premise Match	45m	South East
	MOTOR ACCESSORIES/DEALERS (M448)	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown	334637	1970	Premise Match	45m	South East
	MOTOR CAR/TRUCK DEALERS-NEW/USED (M520)	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown	335970	1970	Premise Match	45m	South East
	MOTOR GARAGES & ENGINEERS(M6S6)	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd., BANKSTOWN	337821	1970	Premise Match	45m	South East
	MOTOR PAINTERS (M672)	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown	339301	1970	Premise Match	45m	South East
	MOTOR PANEL BEATERS (M680)	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown	340045	1970	Premise Match	45m	South East
	MOTOR SPARE PARTS DEALERS-RETAIL (M728)	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown	341821	1970	Premise Match	45m	South East
	Motor Garages & Engineers	Four Ways Garage Bankstowe Pty. Ltd., 164 Canterbury Rd. Bankstown	122191	1965	Premise Match	45m	South East
	Motor Accessories - Dealers	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown	119431	1965	Premise Match	45m	South East
	Motor Car/Truck Dealers - New/Used	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown	120635	1965	Premise Match	45m	South East
	Motor Panel Beaters	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown	124641	1965	Premise Match	45m	South East

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13	Motor Spare Parts Dealers - Retail	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown	126437	1965	Premise Match	45m	South East
	Welders - Electric &/or Oxy	Maloney & Co. Pty. Ltd., 164 Canterbury Rd., Bankstown	156633	1965	Premise Match	45m	South East
	Motor Radiator Mfrs.	Maloney & Co. Pty. Ltd., 164 Canterbury Rd., Bankstown	125245	1965	Premise Match	45m	South East
	Motor Body Repairs/Converters	Spalding, F. A., Maloney & Co. Pty. Ltd., 164 Canterbury Rd, Bankstown	120230	1965	Premise Match	45m	South East
	MOTOR ACCESSORIES/DEALERS	Four Ways Garage Pty. Ltd., 164 Canterbury Rd., Bankstown	343537	1961	Premise Match	45m	South East
	MOTOR BODY BUILDERS	Four Ways Garage Pty. Ltd., 164 Canterbury Rd., Bankstown	344139	1961	Premise Match	45m	South East
	MOTOR CAR/TRUCK DEALERS—NEW/USED	Four Ways Garage Pty. Ltd., 164 Canterbury Rd., Bankstown	345028	1961	Premise Match	45m	South East
	MOTOR PAINTERS	Four Ways Garage Pty. Ltd., 164 Canterbury Rd., Bankstown	348831	1961	Premise Match	45m	South East
	MOTOR PANEL BEATERS	Four Ways Garage Pty. Ltd., 164 Canterbury Rd., Bankstown	349575	1961	Premise Match	45m	South East
	MOTOR SPARE PARTS DEALERS—RETAIL	Four Ways Garage Pty. Ltd., 164 Canterbury Rd., Bankstown	351506	1961	Premise Match	45m	South East
	MOTOR GARAGES & ENGINEERS	Four Ways Garage, 164 Canterbury Rd. BANKSTOWN	347160	1961	Premise Match	45m	South East
	MOTOR SERVICE STATIONS- PETROL, Etc.	Four Ways Gaige, 164 Canterbury Rd., Bankstown	85968	1950	Premise Match	45m	South East
	MOTOR ACCESSORIES- DEALER	Four Ways Garage, 164 Canterbury Rd., Bankstown	81598	1950	Premise Match	45m	South East
	MOTOR BODY BUILDERS	Four Ways Garage, 164 Canterbury Rd., Bankstown	82079	1950	Premise Match	45m	South East
	MOTOR GARAGES &/OR ENGINEERS	Four Ways Garage, 164 Canterbury Rd., Bankstown	83760	1950	Premise Match	45m	South East
	MOTOR PAINTERS	Four Ways Garage, 164 Canterbury Rd., Bankstown	84816	1950	Premise Match	45m	South East
	MOTOR PANEL BEATERS	Four Ways Garage, 164 Canterbury Rd., Bankstown	85277	1950	Premise Match	45m	South East
	MOTOR SPARE PARTS DEALERS-RETAIL	Four Ways Garage, 164 Canterbury Rd., Bankstown	86665	1950	Premise Match	45m	South East
	MOTOR TOWING SERVICES	Four Ways Garage, 164 Canterbury Rd., Bankstown	86915	1950	Premise Match	45m	South East
14	TAKE-AWAY FOODS.	Homestead, 215 Canterbury Rd., Bankstown. 2200.	90984	1986	Premise Match	50m	South West
	TAKE-AWAY FOODS. (T0235)	Homestead, 215 Canterbury Rd., Bankstown. 2200.	78440	1982	Premise Match	50m	South West
	HAIRDRESSERS-GENTS.	South Bankstown Hairdresser, 217 Canterbury Rd., Bankstown South. 2200	40902	1975	Premise Match	50m	South West
	HAIRDRESSERS (GENT.'S) (H070)	South Bankstown Hairdresser., 217 Canterbury Rd., Bankstown South	314436	1970	Premise Match	50m	South West
	Hairdressers (Gent.'s)/Tobacconists	South Bankstown Hairdresser., 217 Canterbury Rd., Bankstown South	98528	1965	Premise Match	50m	South West
	HAIRDRESSERS (GENT.'S) /TOBACCONISTS	South Bankstown Hairdresser, 217 Canterbury Rd., Bankstown South	322518	1961	Premise Match	50m	South West
	BOOKSELLERS &/OR STATIONERS	Taylor, Mrs. C. S. (The Library), 215 Canterbury Rd., Bankstown	9805	1950	Premise Match	50m	South West
	CHINA, CROCKERY, GLASSWARE, CRYSTAL, EARTHENWARE & CUTLERY DEALERS	Taylor, Mrs. G. S., The Library, 215 Canterbury Rd., Bankstown	22487	1950	Premise Match	50m	South West
	LIBRARIES-LENDING	Taylor, Mrs. G. S., The Library, 215 Canterbury Rd., Bankstown	68965	1950	Premise Match	50m	South West
15	Storage &/or Distribution Centres	Miller Self Storage, 2 Gibson Ave Bankstown 2200	63598	1991	Premise Match	69m	South East
	STORAGE & DISTRIBUTION CENTRES.	Millers Self Storage, 2 Gibson Ave., Bankstown. 2200	89595	1986	Premise Match	69m	South East
	CONCRETE CONTRACTORS- CONSTRUCTIONAL	Hoffman, E., 10 Gibson Ave., Padstow	28294	1950	Premise Match	69m	South East
	LANDSCAPE GARDENERS	Hoffman, E., 10 Gibson Ave., Padstow Park	67473	1950	Premise Match	69m	South East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
16	BEAUTY SALONS &/OR LADIES' HAIRDRESSERS (B260)	Shirley Salon., 16 Chapel Rd., Bankstown	266634	1970	Premise Match	72m	North East
	CAFES, COFFEE LOUNGES, Etc. (C030)	South Bankstown Coffee Lounge & Milk Bar., 16 Chapel Rd, South Bankstown	276083	1970	Premise Match	72m	North East
	Beauty Salons &/or Ladies Hairdressers	Shirley Salon., 16 Chapel Rd., Bankstown	51204	1965	Premise Match	72m	North East
17	SCHOOLS - KINDERGARTEN, DAY NURSERY.	Marleen Nursery, 172 Canterbury Rd., Bankstown. 2200	84918	1986	Premise Match	89m	South
	SCHOOLS - KINDERGARTEN, DAY.NURSERY. (S1470)	Marleen Nursery, 172 Canterbury Rd, Bankstown. 2200.	73499	1982	Premise Match	89m	South
	SCHOOLS-KINDERGARTEN, DAY NURSERY.	Marleen Nursery, 172 Canterbury Rd., Bankstown. 2200	65030	1978	Premise Match	89m	South
	SCHOOLS-KINDERGARTEN, DAY NURSERY.	Marleen Nursery., 172 Canterbury Rd., Bankstown. 2200	75990	1975	Premise Match	89m	South
	SCHOOLS-KINDERGARTEN/DAY NURSERY (S149)	Marleen Kindergarten, 172 Canterbury Rd., Bankstown South	359659	1970	Premise Match	89m	South
	SCHOOLS-KINDERGARTEN/DAY NURSERY	Marleen Nursery (Kindergarten), 172 Canterbury Rd., South Bankstown	248529	1961	Premise Match	89m	South
18	Timber Merchants &/or Sawmillers	Builders Bargain Centre, 5/150 Canterbury Rd Bankstown 2200	64344	1991	Premise Match	102m	South East
	Builders Supplies	Builders Bargain Centre, 5/150 Canterbury Rd., Bankstown 2200	37082	1991	Premise Match	102m	South East
	Ice Making Machinery Mfrs &/or Dists	C. I. G Beverage Systems, Unit 7/148 Canterbury Rd., Bankstown 2200	48885	1991	Premise Match	102m	South East
	Dispensing Machine Mfrs &/or Dists	C.I.G. Beverage Systems, Unit 7/148 Canterbury Rd., Bankstown 2200	41467	1991	Premise Match	102m	South East
	HEATING EQUIPMENT &/OR SYSTEMS MFRS. &/OR DIST. &/OR INSTALLERS.	Celme International., 7/150 Canterbury Rd Bankstown	101452	1991	Premise Match	102m	South East
	Diamond Tool Mfrs &/or Dists	Dembicon Australia, 3/150 Canterbury Rd., Bankstown 2200	41379	1991	Premise Match	102m	South East
	MOTOR CAR &/OR TRUCK DEALERS - NEW &/OR USED. (M5840)	Bagnall, Paul Pty. Ltd., 154 Canterbury Rd., Bankstown. 2200.	54674	1982	Premise Match	102m	South East
	BOAT, LAUNCH &/OR YACHT SALES &/OR SERVICE. (B3660)	Jax Marine (Bankstown) Pty. Ltd., 152 Canterbury Rd., Bankstown. 2200.	7342	1982	Premise Match	102m	South East
	MARINE ENGINE IMPS. &/OR DIST. &/OR MFRS. (M1060)	Jax Marine (Bankstown) Pty. Ltd., 152 Canterbury Rd., Bankstown. 2200.	46483	1982	Premise Match	102m	South East
	OUTBOARD MOTOR MFRS. &/OR DIST. (O4260)	Jax Marine (Bankstown) Pty. Ltd., 152 Canterbury Rd., Bankstown. 2200.	62044	1982	Premise Match	102m	South East
	SHIP CHANDLERS. (S2760)	Jax Marine (Bankstown) Pty. Ltd., 152 Canterbury Rd., Bankstown. 2200.	74516	1982	Premise Match	102m	South East
	BOAT OAR MFRS. (B3740)	Miami Marine Sales Pty. Ltd., 152 Canterbury Rd., Bankstown. 2200.	7389	1982	Premise Match	102m	South East
	BOAT, LAUNCH &/OR YACHT ACCESSORIES MFRS. &/OR DIST. (B3560)	Miami Marine Sales Pty. Ltd., 152 Canterbury Rd., Bankstown. 2200.	7106	1982	Premise Match	102m	South East
	RADIO &/OR TELEVISION SALES&/OR SERVICEMEN. (R1260)	O'Donnell, Griffin (T.V. Services) Pty. Ltd., 150 Canterbury Rd., Bankstown. 2200.	68323	1982	Premise Match	102m	South East
	TELEVISION &/OR RADIO HIRERS.(T2080)	O'Donnell, Griffin (T.V. Services) Pty. Ltd., 150 Canterbury Rd., Bankstown. 2200.	79486	1982	Premise Match	102m	South East
	BAKERS-BREAD.	Cobbity Farm Bakeries, 152 Canterbury Rd., Bankstown. 2200	4218	1978	Premise Match	102m	South East
	TELEVISION &/OR RADIO HIRERS.	O'Donnell, Griffin (T. V. Services) Pty. Ltd., 150 Canterbury Rd., Bankstown. 2200	70023	1978	Premise Match	102m	South East
	RADIO &/OR TELEVISION SALES &/OR SERVICEMEN.	O'Donnell. Griffin (T. V. Series) Pty. Ltd., 150 Canterbury Rd., Bankstown. 2200	61121	1978	Premise Match	102m	South East
	BAKERS-BREAD.	Cobbity Farm Bakeries, 152 Canterbury Rd., Bankstown. 2200.	4075	1975	Premise Match	102m	South East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
18	RADIO &/OR TELEVISION SALES &/OR SERVICEMEN.	O'Donnell, Griffin (T.V. Services) Pty. Ltd., 150 Canterbury Rd., Bankstown. 2200	71674	1975	Premise Match	102m	South East
	TELEVISION &/OR RADIO HIRERS.	O'Donnell, Griffin (TV. Services) Pty. Ltd., 150 Canterbury Rd., Bankstown. 2200	82483	1975	Premise Match	102m	South East
	BAKERS-BREAD (B060)	Cobbity Farm Bakeries (Nelson & Son Pty. Ltd.), 152 Canterbury Rd., Bankstown,	264540	1970	Premise Match	102m	South East
	BAKERS-BREAD (B060)	Nelson & Son Pty. Ltd., 152 Canterbury Rd., Bankstown South	264573	1970	Premise Match	102m	South East
	BAKERS - BREAD	Cobbity Farm Bakeries (Nelson & Son Pty. Ltd.), 152 Canterbury Rd., Bankstown	49195	1965	Premise Match	102m	South East
	BAKERS-BREAD	Nelson and Son, 152 Canterbury Rd., Bankstown	271035	1961	Premise Match	102m	South East
	RADIO &/OR TELEVISION SALES & SERVICEMEN	Palmer, H. G. Pty. Ltd., 148-150 Canterbury Rd. BANKSTOWN	363925	1961	Premise Match	102m	South East
	BAKERS-BREAD	Nelson and Son, 152 Canterbury Rd., Bankstown	5395	1950	Premise Match	102m	South East
19	Engineers Hot Water Heating &/or Ventilating	Clark Thos & Son Pty Ltd, 67 Chapel Rd Bankstown 2200	44429	1991	Premise Match	105m	North East
	Engineers Fabricating	Clark Thos & Son Pty Ltd, 67 Chapel Rd., Bankstown 2200	43713	1991	Premise Match	105m	North East
	Engineers Refrigeration	Clark Thos & Son Pty Ltd., 67 Chapel Rd., Bankstown 2200	44756	1991	Premise Match	105m	North East
	Engineers Air Conditioning	Clark Thos & Son Pty. Ltd., 67 Chapel Rd., Bankstown 2200	43311	1991	Premise Match	105m	North East
	Air Conditioning Industrial, Commercial &/or Domestic Specialists	Clark, Thos & Son Pty. Ltd., 67 Chapel Rd., Bankstown 2200	33919	1991	Premise Match	105m	North East
	Footwear Boot & Shoe Mfrs & Dists	Dunlop Footwear, 47 Chapel Rd., Bankstown 2200	46234	1991	Premise Match	105m	North East
	Security Systems &/or Equipment Mfrs &/or Suppliers	TC Technologies (A Division of Thos Clark & Son Pty. Ltd), 67 Chapel Rd South, Bankstown 2200	61945	1991	Premise Match	105m	North East
	Air Conditioning Equipment & Parts Mfrs &/or Imps &/or Dists	TC Technologies (Division of Thos Clark & Son Pty. Ltd.), 67 Chapel Rd. South, Bankstown 2200	33890	1991	Premise Match	105m	North East
	ENGINEERS – FABRICATING.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	29381	1986	Premise Match	105m	North East
	AIR CONDITIONING- INDUSTRIAL &/OR DOMESTIC.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	2240	1986	Premise Match	105m	North East
	ENGINEERS – GENERAL &/ OR MANUFACTURING &/ OR MECHANICAL.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	29849	1986	Premise Match	105m	North East
	ENGINEERS – HOT WATER, HEATING &/OR VENTILATING.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	30470	1986	Premise Match	105m	North East
	ENGINEERS – REFRIGERATION.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	31027	1986	Premise Match	105m	North East
	ENGINEERS – REPETITION.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	31092	1986	Premise Match	105m	North East
	ENGINEERS-AIR CONDITIONING.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	28529	1986	Premise Match	105m	North East
	POLLUTION CONTROL EQUIPMENT MFRS. &/OR DISTS.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	75451	1986	Premise Match	105m	North East
	SPRAY BOOTHS - PAINTERS MFRS.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	87658	1986	Premise Match	105m	North East
	STEEL FABRICATORS.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	88898	1986	Premise Match	105m	North East
	WELDERS - ELECTRIC &/OR OXY.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	98578	1986	Premise Match	105m	North East
	FOOTWEAR DISTRIBUTORS & W/SALERS.	Dunlop Footwear, 47 Chapel Rd., Bankstown. 2200	35068	1986	Premise Match	105m	North East
	FOOTWEAR IMPORTERS.	Dunlop Footwear, 47 Chapel Rd., Bankstown. 2200	34479	1986	Premise Match	105m	North East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
19	FOOTWEAR-BOOT & SHOE-MFRS.	Dunlop Footwear, 47 Chapel Rd., Bankstown. 2200	34511	1986	Premise Match	105m	North East
	FOOTWEAR-CHILDRENS & INFANTS-MFRS.	Dunlop Footwear, 47 Chapel Rd., Bankstown. 2200	34542	1986	Premise Match	105m	North East
	SAFETY EQUIPMENT MFRS. &/OR DIST.	Dunlop Footwear, 47 Chapel Rd., Bankstown. 2200	84159	1986	Premise Match	105m	North East
	SPORTING GOODS MFRS. &/OR IMPS. &/OR W/SALERS.	Dunlop Footwear, 47 Chapel Rd., Bankstown. 2200	87355	1986	Premise Match	105m	North East
	GIFTS-WHOLESALE.	Pergine Holdings Pty. Ltd., 67 Chapel St., Lakemba. 2195	39670	1986	Premise Match	105m	North East
	WELDERS - ELECTRIC &/OR OXY.(W3160)	Ciark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	84094	1982	Premise Match	105m	North East
	ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL. (E7140)	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	27911	1982	Premise Match	105m	North East
	ENGINEERS - FABRICATING (E6870)	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	27504	1982	Premise Match	105m	North East
	ENGINEERS - REFRIGERATION.(E8040)	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	29049	1982	Premise Match	105m	North East
	ENGINEERS - REPETITION. (E8100)	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	29123	1982	Premise Match	105m	North East
	ENGINEERS-AIR CONDITIONING.(E6030)	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	26694	1982	Premise Match	105m	North East
	ENGINEERS-HOTWATER HEATING &/OR VENTILATING. (E7230)	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	28533	1982	Premise Match	105m	North East
	POLLUTION CONTROL EQUIPMENT MFRS. &/OR DIST. (P7090)	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	65549	1982	Premise Match	105m	North East
	SPRAY BOOTHS-PAINTERS MFRS. (S4920)	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	75772	1982	Premise Match	105m	North East
	STEEL FABRICATORS, (S6105)	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	76859	1982	Premise Match	105m	North East
	FAN &/OR BLOWER MFRS. &/OR DIST. (F0225)	Phoenix Fen, Division Pitstock Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	29946	1982	Premise Match	105m	North East
	SPRAY BOOTHS-PAINTERS MFRS.	Clark Thos & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	67111	1978	Premise Match	105m	North East
	ENGINEERS- GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd, Bankstown. 2200	24980	1978	Premise Match	105m	North East
	ENGINEERS-AIR CONDITIONING	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	23716	1978	Premise Match	105m	North East
	ENGINEERS-FABRICATING.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	24557	1978	Premise Match	105m	North East
	ENGINEERS-HOT WATER HEATING &/OR VENTILATING.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	25593	1978	Premise Match	105m	North East
	ENGINEERS-REFRIGERATION.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	26106	1978	Premise Match	105m	North East
	ENGINEERS-REPETITION.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	26185	1978	Premise Match	105m	North East
	POLLUTION CONTROL EQUIPMENT MFRS. &/DIST	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	58554	1978	Premise Match	105m	North East
	STEEL FABRICATORS.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	68080	1978	Premise Match	105m	North East
	WELDERS-ELECTRIC &/OR OXY.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	74160	1978	Premise Match	105m	North East
	DUST COLLECTION &/OR FUME EXTRACTION EQUIP. MFRS. &/OR DIST. .	Clark-Wheela Brater, 67 Chapel Rd., Bankstown. 2200	21136	1978	Premise Match	105m	North East
	FAN &/OR BLOWER MFRS. &/OR DIST.	Phoenix Fan, Division Pintstock Pty. Ltd, 67 Chapel Rd, Bankstown. 2200	27098	1978	Premise Match	105m	North East
	PHOENIX FANS	Pitstock Pty. Ltd. 67 Chapel Road, Bankstown. 2200	27057	1978	Premise Match	105m	North East
	AIR EQUIPMENT MFRS. &/OR DIST.	Thos. Clark & Son Pty. Ltd., Australasian Manufacturing Licensee. 67 Chapel Road. Bankstown. 2200	2093	1978	Premise Match	105m	North East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
19	ENGINEERS-HOT WATER-HEATING &/OR VENTILATING.	Clark Thos & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	29567	1975	Premise Match	105m	North East
	ENGINEERS-AIR CONDITIONING.	Clark Thos. & Son Pty. Ltd. 67 Chapel Rd., Bankstown. 2200	27419	1975	Premise Match	105m	North East
	STEEL FABRICATORS.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	80495	1975	Premise Match	105m	North East
	ENGINEERS - FABRICATING	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	28410	1975	Premise Match	105m	North East
	ENGINEERS - GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	28889	1975	Premise Match	105m	North East
	ENGINEERS-REFRIGERATION.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	30144	1975	Premise Match	105m	North East
	SPRAY BOOTHS-PAINTERS MFRS.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	79328	1975	Premise Match	105m	North East
	WELDERS., Electric &/OR OXY.	Clark Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200	86826	1975	Premise Match	105m	North East
	DUST COLLECTION &/OR FUME EXTRACTION EQUIP. MFRS. &/OR DIST.	Clark-Wheels Brater, 67 Chapel Rd., Bankstown. 2200	24620	1975	Premise Match	105m	North East
	ENGINEERS-REPETITION.	Clerk Thos. & Son Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	30241	1975	Premise Match	105m	North East
	FAN &/OR BLOWER MFRS. &/OR DIST.	Phoenix Fan, Division Pintstock Pty. Ltd., 67 Chapel Rd., Bankstown. 2200.	31308	1975	Premise Match	105m	North East
	FAN &/OR BLOWER MFRS. &/OR DIST.	Pitstock Pty. Ltd. 67 Chapel Rd., Bankstown.	31319	1975	Premise Match	105m	North East
	Gift Shops	Cathay Handicrafts., 29b Chapel Rd., Bankstown	94836	1965	Premise Match	105m	North East
	GIFT SHOPS	Cathay Handicrafts, 29b Chapel Rd., Bankstown	318824	1961	Premise Match	105m	North East

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Business Directory Records 1950-1991

Road or Area Matches

Universal Business Directory records from years 1991, 1986, 1982, 1978, 1975, 1970, 1965, 1961 & 1950, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published:

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
20	ENGINEERS-AIR CONDITIONING.(E6030)	Clark & Wootten Pty. Ltd., Chapel Rd., Bankstown, 2200.	26695	1982	Road Match	0m
	AIR CONDITIONING SALES &/ORSERVICE. (A3660)	Clark & Wootten Pty. Ltd., Chapel Rd., Bankstown, 2200.	2042	1982	Road Match	0m
	AIR CONDITIONING UNIT&/OR MACHINERY MFRS. &/OR DIST.(A3720)	Clark & Wootten Pty. Ltd., Chapel Rd., Bankstown, 2200.	2123	1982	Road Match	0m
	ENGINEERS-HOTWATER HEATING &/OR VENTILATING. (E7230)	Clark & Wootten Pty. Ltd., Chapel Rd., Bankstown, 2200.	28534	1982	Road Match	0m
	CLOTHING - INDUSTRIAL &PROTECTIVE MFRS. &/OR W/SALERS. (C5168)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown, 2200.	16778	1982	Road Match	0m
	CLOTHING - MENS & BOYS WEAR MFRS. &/OR W/SALERS. (C5657)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown, 2200.	16895	1982	Road Match	0m
	CLOTHING - SHIRT & PYJAMA MFRS. &/OR W/SALERS. (C5696)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown, 2200.	16984	1982	Road Match	0m
	CLOTHING - SPORTSWEAR MFRS. &/OR W/SALERS. (C5701)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown, 2200.	17058	1982	Road Match	0m
	RUBBER CEMENT &/OR SOLUTIONMFRS. (R7280)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown, 2200.	72486	1982	Road Match	0m
	RUBBER GLOVE MFRS. (R7420)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown, 2200.	72488	1982	Road Match	0m
	RUBBER GOODS MFRS. &/OR DIST. (R7490)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown, 2200.	72508	1982	Road Match	0m
	RUBBER SOLE &/OR HEEL MFRS.(R8085)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown, 2200.	72652	1982	Road Match	0m
	SAFETY EQUIPMENT MFRS. &/OR DIST. (S0195)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown, 2200.	72811	1982	Road Match	0m
	FOOTWEAR MFRS. - BOOTS &/OR SHOES. (F5350)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown, 2200.	32166	1982	Road Match	0m
	FOOTWEAR MFRS. - SANDALS.(F5475)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown, 2200.	32225	1982	Road Match	0m
	FOOTWEAR MFRS. &/OR REPAIRERS &/OR SUPPLIERS. (F5425)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown, 2200.	32208	1982	Road Match	0m
	FOOTWEAR MFRS.- CHILDRENS&/OR INFANTS. (F5375)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown, 2200.	32199	1982	Road Match	0m
	FOOTWEAR W/SALERS. &/OR DIST. (F5650)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown, 2200.	32694	1982	Road Match	0m
	ENGINEERS - CIVIL. (E6420)	McCarthy, A. W., Chapel St., Bankstown, 2200.	26835	1982	Road Match	0m
	ENGINEERS - CONSULTING. (E6600)	McCarthy, A. W., Chapel St., Bankstown, 2200.	27035	1982	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Als & Dots Service Station, Chapel Rd., Bankstown, 2200	49231	1978	Road Match	0m
	ENGINEERS-HOT WATER HEATING &/OR VENTILATING.	Clark & Woollen Pty. Ltd., Chapel Rd., Bankstown, 2200	25594	1978	Road Match	0m
	AIR CONDITIONING UNIT &/OR MACHINERY MFRS. &/OR DIST.	Clark & Wootten Pty. Ltd., Chapel Rd., Bankstown, 2200	2040	1978	Road Match	0m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
20	ENGINEERS-AIR CONDITIONING	Clark & Woottlen Pty. Ltd., Chapel Rd., Bankstown. 2200	23717	1978	Road Match	0m
	AIR CONDITIONING SALES &/OR SERVICE.	Clark &, Wootten Pty. Ltd., Chapel Rd., Bankstown. 2200	1975	1978	Road Match	0m
	RUBBERS GOODS MFRS &/OR DIST.	Dunlop Foot wear & Garments Division, Chapel Rd., Bankstown. 2200	64050	1978	Road Match	0m
	CLOTHING - MENS & BOYS WEAR MFRS. &/OR W/SALERS.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200	15150	1978	Road Match	0m
	FOOTWEAR MFRS. -BOOTS &/OR SHOES.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200	29147	1978	Road Match	0m
	FOOTWEAR MFRS. -SANDALS.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200	29216	1978	Road Match	0m
	FOOTWEAR MFRS., REPAIRERS &/OR SUPPLIERS.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200	29199	1978	Road Match	0m
	FOOTWEAR MFRS.-CHILDRENS &/OR INFANTS.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200	29185	1978	Road Match	0m
	FOOTWEAR W/SALERS &/OR DIST.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200	29541	1978	Road Match	0m
	RUBBER GLOVE MFRS.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200	64026	1978	Road Match	0m
	RUBBER SOLE &/OR HEEL MFRS.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200	64207	1978	Road Match	0m
	CLOTHING - SPORTSWEAR MFRS. &/OR W/SALERS.	Dunlop Footwear & Garments Division. Chapel Rd., Bankstown. 2200	15364	1978	Road Match	0m
	CLOTHING-SHIRT & PYJAMA MFRS. &/OR W/SALERS.	Dunlop Footwear & Garments Division. Chapel Rd., Bankstown. 2200	15278	1978	Road Match	0m
	SAFETY EQUIPMENT MFRS, &/OR DIST.	Dunlop Footwear & Garments Division. Chapel Rd., Bankstown. 2200	64352	1978	Road Match	0m
	CLOTHING-INDUSTRIALS, PROTECTIVE MFRS. &/OR W/SALERS.	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown. 2200	14988	1978	Road Match	0m
	RUBBER CEMENT &/OR SOLUTION MFRS.	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown. 2200	64020	1978	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Als & Dots Service Station., Chapel Rd., Bankstown. 2200	58322	1975	Road Match	0m
	CLOTHING - INDUSTRIAL & PROTECTIVE MFRS. &/OR W/SALERS.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200	17292	1975	Road Match	0m
	CLOTHING - MENS & BOYS WEAR MFRS. &/OR W/SALERS.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200	17486	1975	Road Match	0m
	CLOTHING-SHIRT & PYJAMA MFRS.&/OR W/SALERS	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200	17646	1975	Road Match	0m
	CLOTHING-SPORTSWEAR LADIES MFRS.&/OR W/SALERS	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200	17762	1975	Road Match	0m
	FOOTWEAR MFRS. - CHILDRENS &/OR INFANTS.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200.	33794	1975	Road Match	0m
	FOOTWEAR MFRS., REPAIRERS &/OR SUPPLIERS.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200.	33814	1975	Road Match	0m
	FOOTWEAR MFRS.-BOOTS &/OR SHOES.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200.	33746	1975	Road Match	0m
	FOOTWEAR MFRS.-SANDALS.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200.	33837	1975	Road Match	0m
	FOOTWEAR W/SALERS &/OR DIST.	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown. 2200.	34219	1975	Road Match	0m
	RUBBER CEMENT &/OR SOLUTION MFRS.	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown. 2200	74756	1975	Road Match	0m
	Rubber Glove Mfrs.	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown. 2200	74766	1975	Road Match	0m
	RUBBER GOODS MFRS. &/OR DIST	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown. 2200	74798	1975	Road Match	0m
	RUBBER SOLE &/OR HEEL MFRS.	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown. 2200	74959	1975	Road Match	0m
	SAFETY EQUIPMENT MFRS. &/OR DIST.	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown. 2200	75124	1975	Road Match	0m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
20	MOTOR GARAGES & ENGINEERS(M6S6)	Al's & Dot's Service Station., Chapel Rd., BANKSTOWN	337182	1970	Road Match	0m
	RUBBER CEMENT/SOLUTION MFRS.(R455)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown	358027	1970	Road Match	0m
	RUBBER FOOTWEAR MFRS. (R470)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown	358038	1970	Road Match	0m
	RUBBER GOODS MANUFACTURERS &/OR DISTRIBUTORS	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown	358086	1970	Road Match	0m
	RUBBER SOLE/HEEL MFRS. (R520)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown	358228	1970	Road Match	0m
	SAFETY EQUIPMENT MFRS. &/OR DIST. (S024)	Dunlop Footwear & Garments Division, Chapel Rd., Bankstown	358449	1970	Road Match	0m
	CLOTHING MFRS. &/OR W/SALERS. - LADIES FROCKS &/OR SUITS.	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown	282917	1970	Road Match	0m
	CLOTHING MFRS. &/OR W/SALERS. - SHIRT &/OR PYJAMA	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown	283477	1970	Road Match	0m
	CLOTHING MFRS. &/OR W/SALERS. - SPORTSWEAR	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown	283604	1970	Road Match	0m
	CLOTHING MFRS. &/OR W'SALERS - LADIES' COATS & COSTUMES	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown	282751	1970	Road Match	0m
	CLOTHING MFRS. &/OR W'SALERS - LADIES' SKIRTS	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown	283201	1970	Road Match	0m
	CLOTHING MFRS. &/OR W'SALERS-GENERAL (C438)	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown	282423	1970	Road Match	0m
	CLOTHING MFRS. &/OR W'SALERS-INDUSTRIAL	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown	282552	1970	Road Match	0m
	CLOTHING MFRS. &/OR W'SALERS-MEN'S & BOYS' WEAR (C459)	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown	283288	1970	Road Match	0m
	FOOTWEAR MFRS., REPAIRERS &/OR SUPPLIERS	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown	305213	1970	Road Match	0m
	FOOTWEAR MFRS.-BOOTS/SHOES (F460)	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown	305293	1970	Road Match	0m
	FOOTWEAR MFRS.-CHILDREN'S/INFANTS' (F465)	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown	305376	1970	Road Match	0m
	FOOTWEAR MFRS.-SANDALS (F480)	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown	305403	1970	Road Match	0m
	FOOTWEAR WHOLESALERS &/OR DISTRIBUTORS (F505)	Dunlop Footwear & Garments Division., Chapel Rd., Bankstown	305813	1970	Road Match	0m
	FOOTWEAR MFRS.-SLIPPERS (F490)	Dunlop Rubber AuSt. Ltd., Chapel Rd., Bankstown	305423	1970	Road Match	0m
	CAFES, COFFEE LOUNGES, Etc. (C030)	Schnapper Inn., Chapel Rd., Bankstown	276058	1970	Road Match	0m
	NEWSPAPERS/PERIODICALS (N130)	Voice Newspaper (The)., Chapel Rd., Bankstown	344301	1970	Road Match	0m
	Welders - Electric &/or Oxy	Hewitt, B. R. Pty. Ltd, Chapel Rd, Bankstown	156538	1965	Road Match	0m
	Cranes - Mobile - Proprietors & Hirers	Howitt, B. R. Pty. Ltd., Chapel Rd., Bankstown	71082	1965	Road Match	0m
	Engineers - Structural	Howitt, B. R. Pty. Ltd., Chapel Rd., Bankstown	84331	1965	Road Match	0m
	Haulage Contractors	Howitt, B. R. Pty. Ltd., Chapel Rd., Bankstown	99799	1965	Road Match	0m
	STEEL ERECTORS	Howitt, B. R. Pty. Ltd., Chapel Rd., Bankstown	148026	1965	Road Match	0m
	STEEL FABRICATORS	Howitt, B. R. Pty. Ltd., Chapel Rd., Bankstown	148164	1965	Road Match	0m
	BANKS	English Scottish & Australian Bank Ltd., Chapel Rd., Bankstown	271315	1961	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Gill's Garage, Chapel Rd., Bankstown	347222	1961	Road Match	0m
	MOTOR ACCESSORIES-DEALER	Gills Service Station, Chapel Rd., Bankstown	81609	1950	Road Match	0m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
20	ENGINEERS-GENERAL &/OR MANUFACTURING &/OR MECHANICAL	Keenkraft Mfg Co, Chapel Rd., Bankstown	40900	1950	Road Match	0m
21	Motor Tuning Specialists	Precision Mechanical Repairs, Canterbury Rd Punchbowl 2196	55544	1991	Road Match	26m
	Motor Garages & Service Stations	Precision Mechanical Repairs, Canterbury Rd., Punchbowl 2196	53781	1991	Road Match	26m
	MOTOR ENGINEERS.	BP Service Station, Canterbury Rd., Punchbowl. 2196	63237	1986	Road Match	26m
	MOTELS. (M4620)	Sundowner Motor Hotel (Millers), Canterbury Rd., Punchbowl. 2196.	53677	1982	Road Match	26m
	MOTOR ACCESSORIES DEALERS.	Belmore Automotive Conversions, Canterbury Rd., Punchbowl. 2196	47297	1978	Road Match	26m
	SALT MERCHANTS &/OR W/SALERS.	Canterbury Rd., Punchbowl. 2196	75185	1975	Road Match	26m
	MOTOR GARAGES & ENGINEERS(M6S6)	Loui's Service Station., Canterbury Rd., PUNCHBOWL	338172	1970	Road Match	26m
	MOTOR TRIMMERS (M748)	Sanders, A., Canterbury Rd., Punchbowl	342687	1970	Road Match	26m
	MOTELS (M442)	Sundowner Motor Hotel., Canterbury Rd., Punchbowl	334459	1970	Road Match	26m
	MOTOR GARAGES & ENGINEERS(M6S6)	Total Service Station., Canterbury Rd., PUNCHBOWL	338767	1970	Road Match	26m
	MOTOR PAINTERS (M672)	Wagstaff, P. R. Smash Repairs., Canterbury Rd., Punchbowl	339719	1970	Road Match	26m
	MOTOR PANEL BEATERS (M680)	Wagstaff, P. R. Smash Repairs., Canterbury Rd., Punchbowl	340508	1970	Road Match	26m
	Hardware Manufacturers	Craig, A. S. Ltd., Canterbury Rd., Bankstown	99533	1965	Road Match	26m
	Motor Service Stations - Petrol, Oil, Etc.	Power & Yates, 882 Canterbury Rd. Bankstown	125430	1965	Road Match	26m
	HARDWARE MANUFACTURERS	Craig, A. S. Ltd., Canterbury Rd., Bankstown	323590	1961	Road Match	26m
	ENGINEERS-STRUCTURAL	Electrox Welding Engineers, Canterbury Rd., Bankstown	308535	1961	Road Match	26m
	MOTOR GARAGES & ENGINEERS	Keogh, N., Canterbury Rd. BANKSTOWN	347496	1961	Road Match	26m
	MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Power & Yates, 882 Canterbury Rd. BANKSTOWN	350978	1961	Road Match	26m
	SHEET METAL WORKERS	Refrigeration Sales & Service, Canterbury Rd., Bankstown	249397	1961	Road Match	26m
	REFRIGERATOR DEALERS &/OR SERVICEMEN	Refrigerator Sales & Service, Canterbury Rd., Bankstown	245605	1961	Road Match	26m
	BUILDERS' SUPPLIERS	Hite and Stenner, Canterbury Rd., Bankstown	11797	1950	Road Match	26m
	FENCING CONTRACTORS	Hite and Stenner, Canterbury Rd., Bankstown	43701	1950	Road Match	26m
	TIMBER MERCHANTS	Hite and Stenner, Canterbury Rd., Bankstown	78119	1950	Road Match	26m
	MOTOR GARAGES &/OR ENGINEERS	Keogh, N., Canterbury Rd., Bankstown	83949	1950	Road Match	26m
	MOTOR SERVICE STATIONS-PETROL, Etc.	Power and Yates, 882 Canterbury Rd., Bankstown	86296	1950	Road Match	26m
	VETERINARY SURGEONS & HOSPITALS	Roberts, E., Canterbury Rd., Punchbowl	111985	1950	Road Match	26m
	VETERINARY SUPPLIES & INSTRUMENTS -RETAIL	Roberts., E., Canterbury Rd., Punchbowl	111920	1950	Road Match	26m
	BOOT & SHOE REPAIRERS	Skuse, J. and Son, Canterbury Rd., Punchbowl	10635	1950	Road Match	26m
	GROCERS-RETAIL	Victory Grocery, Canterbury Rd., Punchbowl	55976	1950	Road Match	26m
22	CLUBS &/OR SPORTING BODIES.	Bankstown Trotting Club, Eldridge Rd., Bankstown. 2200	18883	1986	Road Match	45m
	CLUBS &/OR SPORTING BODIES.(C5730)	Bankstown Trotting Club, Eldridge Rd., Bankstown. 2200.	17221	1982	Road Match	45m
	ROOM HEATERS - FUEL - MFRS.&/OR DIST. (R6685)	Bramhall Foundry Pty. Ltd. Lot 25 Eldridge Rd., Bankstown. 2200	72445	1982	Road Match	45m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
22	FOUNDERS - FERROUS. (F5925)	Bramhall Foundry Pty. Ltd., Lot 25 Eldridge Rd., Bankstown. 2200.	32825	1982	Road Match	45m
	RANGES- FUEL &/OR SLOW COMBUSTION - MFRS. &/OR IMPS.&/OR DIST. (R2040)	Brideson, H. Pty. Ltd., Lot 25 Eldridge Rd., Bankstown. 2200.	68508	1982	Road Match	45m
	BUILDERS &/OR BUILDING CONTRACTORS. (B6920)	Ready Cut Homes, Eldridge Rd., Bankstown. 2200.	9402	1982	Road Match	45m
	READY-CUT HOMES. (R2485)	Ready Cut Homes, Eldridge Rd., Bankstown. 2200.	68544	1982	Road Match	45m
	TIMBER MERCHANTS. (T4625)	Ready Cut Homes, Eldridge Rd., Bankstown. 2200.	80388	1982	Road Match	45m
	CLUBS &/OR SPORTING BODIES.	Bankstown Trotting Club. Eldridge Rd., Bankstown. 2200	15569	1978	Road Match	45m
	FOUNDERS-FERROUS.	Bramhall Foundry Pty. Ltd., Lot 25 Eldridge Rd., Bankstown. 2200	29673	1978	Road Match	45m
	ROOM HEATERS-FUEL-MFRS. &/OR DIST.	Bramhall Foundry Pty. Ltd., Lot 25 Eldridge Rd., Bankstown. 2220	63967	1978	Road Match	45m
	RANGES-FUEL &/OR STOW COMBUSTION - MFRS. &/OR DIST.	Brideson, H. Pty. Ltd., Lot 25 Eldridge Rd., Bankstown. 2200	61260	1978	Road Match	45m
	FOUNDERS - NON-FERROUS.	Luke & Singer Pty. Ltd, Eldridge Rd, Bankstown. 2200	29759	1978	Road Match	45m
	DROP FORGERS.	Luke & Singer Pty. Ltd., Eldridge Rd, Bankstown. 2200	20676	1978	Road Match	45m
	BRASS PRESSING-HOT.	Luke & Singer Pty. Ltd., Eldridge Rd., Bankstown. 2200.	7331	1978	Road Match	45m
	TIMBER MERCHANTS.	Ready Cut Homes, Eldridge Rd, Bankstown.2200	70975	1978	Road Match	45m
	READY-CUT HOMES	Ready Cut Homes, Eldridge Rd., Bankstown. 2200	61292	1978	Road Match	45m
	BUILDERS &/OR BUILDING CONTRACTORS.	Ready Cut Homes, Eldridge Rd., Bankstown. 2200.	7873	1978	Road Match	45m
	CLUBS & /OR SPORTING BODIES	Bankstown Trotting Club, Eldridge Rd., Bankstown. 2200	18034	1975	Road Match	45m
	ROOM HEATERS-FUEL-MFRS. &/OR DIST.	Bramhall Foundry Pty. Ltd., lot 25 Eldridge Rd., Bankstown. 2200	74697	1975	Road Match	45m
	FOUNDERS-FERROUS.	Bramhall Foundry Pty. Ltd., Lot 25 Eldridge Rd., Bankstown. 2200.	34358	1975	Road Match	45m
	RANGES FUEL &/OR SLOW COMBUSTION MFRS. &/OR DIST.	Brideson, H. Pty. Ltd., Lot 25 Eldridge Rd., Bankstown. 2200	71859	1975	Road Match	45m
	FURNITURE-GENERAL-MFRS. &/OR W/SALERS.	Luke & Singer Pty. Ltd., Eldridge Rd, Bankstown. 2200	36750	1975	Road Match	45m
	DROP FORGERS.	Luke & Singer Pty. Ltd., Eldridge Rd., Bankstown. 2200	23880	1975	Road Match	45m
	BRASS PRESSING-HOT.	Luke & Singer Pty. Ltd., Eldridge Rd., Bankstown. 2200.	8087	1975	Road Match	45m
	BUILDERS &/OR BUILDING CONTRACTORS.	Ready Cut Homes, Eldridge Rd., Bankstown. 2200.	8638	1975	Road Match	45m
	READY-CUT HOMES.	Ready Cut Homes., Eldridge Rd., Bankstown. 2200	71900	1975	Road Match	45m
	TIMBER MERCHANTS.	Ready Cut Homes., Eldridge Rd., Bankstown. 2200	83500	1975	Road Match	45m
	CLUBS & SPORTING BODIES (C487)	Bankstown Trotting & Recreational Club Ltd (The)., Eldridge Rd., Bankstown	284003	1970	Road Match	45m
	ROOM HEATERS-FUEL-MFRS. &/OR DISTRIBUTORS	Bramhall Foundry Pty. Ltd, Lot 25 Eldridge Rd., Bankstown	357932	1970	Road Match	45m
	RANGES-FUEL & SLOW COMBUSTION-RENOVATORS &/OR REPAIRERS (R145)	Brideson, H. Pty. Ltd., Lot 25, Eldridge Rd., Bankstown	354809	1970	Road Match	45m
	CAFES, COFFEE LOUNGES, Etc. (C030)	Eldridge Cafe., Eldridge Rd., Bankstown	275561	1970	Road Match	45m
	DROP FORGERS (D680)	Luke & Singer Pty. Ltd., Eldridge Rd., Bankstown	292149	1970	Road Match	45m
	FORGINGS MANUFACTURERS (F507)	Luke & Singer Pty. Ltd., Eldridge Rd., Bankstown.	305878	1970	Road Match	45m
	BUILDERS & CONTRACTORS (B800)	Ready Cut Homes., Eldridge Rd., Bankstown	270339	1970	Road Match	45m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
22	Window Frame Mfrs.	Appleton, N. V. Pty. Ltd, Eldridge Rd, Bankstown	157169	1965	Road Match	45m
	Builders' Suppliers	Appleton, N. V. Pty. Ltd., Eldridge Rd., Bankstown	55976	1965	Road Match	45m
	Engineers - Fabricating	Appleton, N. V. Pty. Ltd., Eldridge Rd., Bankstown	81669	1965	Road Match	45m
	Engineers - Structural	Appleton, N. V. Pty. Ltd., Eldridge Rd., Bankstown	84234	1965	Road Match	45m
	Glass Merchants	Appleton, N. V. Pty. Ltd., Eldridge Rd., Bankstown	95205	1965	Road Match	45m
	Glaziers	Appleton, N. V. Pty. Ltd., Eldridge Rd., Bankstown	95384	1965	Road Match	45m
	Hot Water Systems - Electric - Mfrs. &/or Dists.	Appleton, N. V. Pty. Ltd., Eldridge Rd., Bankstown	101176	1965	Road Match	45m
	Plumbers' Supplies	Appleton, N. V. Pty. Ltd., Eldridge Rd., Bankstown	134923	1965	Road Match	45m
	Printers' Supplies	Appleton, N. V. Pty. Ltd., Eldridge Rd., Bankstown	136644	1965	Road Match	45m
	STEEL WINDOW FRAME MFRS.	Appleton, N. V. Pty. Ltd., Eldridge Rd., Bankstown	148602	1965	Road Match	45m
	Window Fitting Mfrs.	Appleton, N. V. Pty. Ltd., Eldridge Rd., Bankstown	157151	1965	Road Match	45m
	Room Heaters - Fuel - Mfrs. &/or Distributors	Breamhall Foundry Pty. Ltd., Lot 25, Eldridge Rd., Bankstown	141215	1965	Road Match	45m
	Ranges - Fuel & Slow Combustion - Renovators &/or Repairers	Brideson, H. Pty. Ltd., Lot 25, Eldridge Rd., Bankstown	138587	1965	Road Match	45m
	TOOL MAKERS	Cains, J. Pty. Ltd., Eldridge Rd., Bankstown	152489	1965	Road Match	45m
	Engineers -Precision	Cains, J. Pty. Ltd., Eldridge Rd., Bankstown	83557	1965	Road Match	45m
	STEEL IMPORTERS	Crucible Steel Australia Pty. Ltd., Eldridge Rd, Bankstown	148335	1965	Road Match	45m
	STEEL DISTRIBUTORS	Crucible Steel Australia Pty. Ltd., Eldridge Rd., Bankstown	148003	1965	Road Match	45m
	STEEL MERCHANTS—ALLOY/TOOL STEEL	Crucible Steel Australia Pty. Ltd., Eldridge Rd., Bankstown	148381	1965	Road Match	45m
	STEEL MERCHANTS—GENERAL	Crucible Steel Australia Pty. Ltd., Eldridge Rd., Bankstown	148450	1965	Road Match	45m
	STAINLESS STEEL MANUFACTURERS &/OR SUPPLIERS	Crucible Steel Australia Pty. Ltd., Eldridge St., Bankstown	147079	1965	Road Match	45m
	Cafes, Tea Rooms, Coffee Lounges, Etc.	Eldridge Cafe, Eldridge Rd., Bankstown	60315	1965	Road Match	45m
	Drop Forgers	Luke & Singer Pty. Ltd., Eldridge Rd., Bankstown	76032	1965	Road Match	45m
	Forgings Manufacturers	Luke & Singer Pty. Ltd., Eldridge Rd., Bankstown	89236	1965	Road Match	45m
	Electric Cable, Flex & Wire Mfrs. &/or Dists.	Stevens, W. J. Pty. Ltd., Eldridge Rd., Bankstown	77195	1965	Road Match	45m
	Importers	Stevens, W. J. Pty. Ltd., Eldridge Rd., Bankstown	102973	1965	Road Match	45m
	PRINTERS-LETTERPRESS	Barnes, Fred, Eldridge Rd., Bankstown	362027	1961	Road Match	45m
	CARRIERS & CARTAGE CONTRACTORS	Edwards, E. S., Lot 42, Eldridge Rd., Bankstown	284740	1961	Road Match	45m
	JOINERY MANUFACTURERS	Hill, E. A. & S. G., Eldridge Rd., Bankstown	329880	1961	Road Match	45m
	STEEL ROLLING MILLS	Stevens, W. J. Pty. Ltd., Eldridge Rd., Bankstown	253849	1961	Road Match	45m
	FILE & TWIST DRILL IMPORTERS, DIST. &/OR MFRS.	Wortley's Walls & Ceilings, Eldridge Rd., Bankstown	310258	1961	Road Match	45m

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Dry Cleaners, Motor Garages & Service Stations

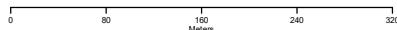
6 Chapel Street, Bankstown, NSW 2200



Legend

- Site Boundary
- Buffer 500m
- Property Boundary
- Business directory records mapped to a specific premise
- Business directory records mapped to a road intersection
- ▲ Business directory records mapped to a road corridor
- ▨ Business directory records mapped to a general area

Scale:



Coordinate System:
GDA 1994 MGA Zone 56

Date: 26 September 2023

Data Sources: Reproduced with permission of UBD and Hardie Grant Media Pty Ltd DD 01/08/2018

Historical Business Directories

6 Chapel Street, Bankstown, NSW 2200

Dry Cleaners, Motor Garages & Service Stations 1948-1993 Premise or Road Intersection Matches

Dry Cleaners, Motor Garages & Service Stations from UBD Business Directories, mapped to a premise or road intersection, within the dataset buffer.

Note: The Universal Business Directories were published between 1948 and 1993. Dry Cleaners, Motor Garages & Service Stations have been extracted from all of these directories except the following years 1951, 1955, 1957, 1960, 1963, 1973, 1974, 1977, 1987.

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
1	MOTOR GARAGE & SERVICE STATIONS.	South Bankstown Service Centre, 203 Canterbury Rd., Bankstown. 2200	5588	1989	Premise Match	27m	South West
	MOTOR GARAGES & SERVICE STATIONS.	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	59979	1988	Premise Match	27m	South West
	MOTOR GARAGES & SERVICE STATIONS.	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	65480	1986	Premise Match	27m	South West
	MOTOR GARAGES & SERVICE STATIONS.	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	45590	1985	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200	34153	1984	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown. 2200	21603	1983	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	South Bankstown Service Centre, 203 Canterbury Rd., South Bankstown. 2200.	57594	1982	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown 2200	8184	1981	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown. 2200	58861	1980	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown. 2200.	46360	1979	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	South Bankstown Service Centre. 203 Canterbury Rd., South Bankstown. 2200	50850	1978	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown 2200	34919	1976	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS.	South Bankstown Service Centre., 203 Canterbury Rd., South Bankstown. 2200	59551	1975	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS.	South Bankstown Service Centre., 203-213 Canterbury Rd Bankstown	7526	1972	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS.	South Bankstown Service Centre., 203-213 Canterbury Rd Bankstown	56289	1971	Premise Match	27m	South West
	MOTOR GARAGES & ENGINEERS(M6S6)	South Bankstown Service Centre., 203-213 Canterbury Rd., BANKSTOWN	338627	1970	Premise Match	27m	South West
	MOTOR GARAGES & ENGINEERS.	South Bankstown Service Centre., 203-213 Canterbury Rd., Bankstown	37564	1969	Premise Match	27m	South West
	MOTOR GARAGES & ENGINEERS	South Bankstown Service Centre., 203-213 Canterbury Rd., Bankstown	21005	1968	Premise Match	27m	South West

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
1	MOTOR GARAGES & ENGINEERS.	South Bankstown Service Centre., 203-213 Canterbury Rd., Bankstown	6573	1967	Premise Match	27m	South West
	MOTOR GARAGES & ENGINEERS.	South Bankstown Service Centre., 203-213 Canterbury Rd., S Bnkstwn	55621	1966	Premise Match	27m	South West
	Motor Garages & Engineers	South Bankstown Service Centre, 203-213 Canterbury Rd. Bankstown	122199	1965	Premise Match	27m	South West
	MOTOR GARAGES & ENGINEERS	South Bankstown Service Centre., 203-213 Canterbury Rd Bankstown	43410	1964	Premise Match	27m	South West
	MOTOR GARAGES & ENGINEERS.	South Bankstown Service Centre., 203-213 Canterbury Rd Bankstown	28869	1962	Premise Match	27m	South West
	MOTOR GARAGES & ENGINEERS	South Bankstown Service Centre, 203-213 Canterbury Rd., Bankstown	348165	1961	Premise Match	27m	South West
	MOTOR GARAGES & ENGINEERS	South Bankstown Service Centre, 203-213 Canterbury Rd. Bankstown	13591	1959	Premise Match	27m	South West
	MOTOR GARAGE/ENGINEERS.	South Bankstown Service Centre., 203-213 Canterbury Rd Bankstown	4992	1958	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS.	South Bankstown Service Centre., 203-213 Canterbury Rd Bankstown	61514	1956	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS.	South Bankstown Service Centre., 203-213 Canterbury Rd., South Bankstown	57104	1956	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Vernon's Service Centre Pty Ltd., 203-213 Canterbury Rd., South Bankstown	44678	1954	Premise Match	27m	South West
	MOTOR GARAGES &/OR ENGINEERS.	Vernon's Service Centre Pty. Ltd., 203-213 Canterbury Rd., South Bankstown	54249	1954	Premise Match	27m	South West
2	DRY CLEANERS, PRESSERS & DYERS.	Challenge Dry Cleaners., 183 Canterbury Rd Bankstown	36135	1953	Premise Match	34m	East
	DRY CLEANERS, PRESSERS & DYERS.	Challenge Dry Cleaners., 183 Canterbury Rd Bankstown	27000	1952	Premise Match	34m	East
	DRY CLEANERS, PRESSERS & DYERS	Challenge Dry Cleaners, 183 Canterbury Rd., Bankstown	35156	1950	Premise Match	34m	East
3	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Four Ways Motors Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown. 2200	30052	1976	Premise Match	45m	South East
	MOTOR GARAGES &/OR ENGINEERS.	Four Ways Motors Bankstown Pty. Ltd., 164 Canterbury Rd., Bankstown. 2200	58897	1975	Premise Match	45m	South East
	MOTOR GARAGES &/OR ENGINEERS.	Four Ways Motors Bankstown Pty. Ltd., 164 Canterbury Rd Bankstown	7518	1972	Premise Match	45m	South East
	MOTOR GARAGES &/OR ENGINEERS.	Font Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd Bankstown	56281	1971	Premise Match	45m	South East
	MOTOR GARAGES & ENGINEERS(M6S6)	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd., BANKSTOWN	337821	1970	Premise Match	45m	South East
	MOTOR GARAGES & ENGINEERS.	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd Bankstown	37557	1969	Premise Match	45m	South East
	MOTOR GARAGES & ENGINEERS	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd Bankstown	20999	1968	Premise Match	45m	South East
	MOTOR GARAGES & ENGINEERS.	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd Bankstown	6567	1967	Premise Match	45m	South East
	MOTOR GARAGES & ENGINEERS.	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd Bankstown	55615	1966	Premise Match	45m	South East
	Motor Garages & Engineers	Four Ways Garage Bankstowe Pty. Ltd., 164 Canterbury Rd. Bankstown	122191	1965	Premise Match	45m	South East
	MOTOR GARAGES & ENGINEERS	Four Ways Garage Bankstown Pty. Ltd., 164 Canterbury Rd Bankstown	43401	1964	Premise Match	45m	South East
	MOTOR GARAGES & ENGINEERS.	Four Ways Garage Pty. Ltd., 164 Canterbury Rd Bankstown	28858	1962	Premise Match	45m	South East
	MOTOR GARAGES & ENGINEERS	Four Ways Garage, 164 Canterbury Rd. BANKSTOWN	347160	1961	Premise Match	45m	South East
	MOTOR GARAGES & ENGINEERS	Four Ways Garage, 164 Canterbury Rd. Bankstown	13580	1959	Premise Match	45m	South East
	MOTOR GARAGE/ENGINEERS.	Four Ways Garage., 164 Canterbury Rd Bankstown	4117	1958	Premise Match	45m	South East
	MOTOR GARAGES &/OR ENGINEERS.	Four Ways Garage., 164 Canterbury Rd Bankstown	57655	1956	Premise Match	45m	South East
	MOTOR GARAGES &/OR ENGINEERS.	Four Ways Garage., 164 Canterbury Rd Bankstown	49268	1954	Premise Match	45m	South East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
3	MOTOR GARAGES &/OR ENGINEERS.	Four Ways Garage., 164 Canterbury Rd Bankstown	40003	1953	Premise Match	45m	South East
	MOTOR GARAGES &/OR ENGINEERS.	Four Ways Garage., 164 Canterbury Rd Bankstown	31645	1952	Premise Match	45m	South East
	MOTOR SERVICE STATIONS-PETROL, Etc.	Four Ways Gaiaage, 164 Canterbury Rd., Bankstown	85968	1950	Premise Match	45m	South East
	MOTOR GARAGES &/OR ENGINEERS	Four Ways Garage, 164 Canterbury Rd., Bankstown	83760	1950	Premise Match	45m	South East
	MOTOR GARAGES &/OR ENGINEERS.	Four Ways Garage., 164 Canterbury Rd Bankstown	18040	1948-49	Premise Match	45m	South East
	MOTOR GARAGES &/OR ENGINEERS.	Four Ways Garage., 164 Canterbury Rd Bankstown	17637	1948-49	Premise Match	45m	South East
	MOTOR SERVICE STATIONS-PETROL, ETC.	Four Ways Garage., 164 Canterbury Rd Bankstown	23261	1948-49	Premise Match	45m	South East
4	MOTOR GARAGES &/OR ENGINEERS.	Crawley J. W., 126 Canterbury Rd Bankstown	7515	1972	Premise Match	216m	South East
	MOTOR GARAGES &/OR ENGINEERS.	Crawley J. W., 126 Canterbury Rd Bankstown	56278	1971	Premise Match	216m	South East
	MOTOR GARAGES & ENGINEERS(M6S6)	Crawley, J. W., 126 Canterbury Rd., BANKSTOWN	337636	1970	Premise Match	216m	South East
	MOTOR GARAGES & ENGINEERS.	Crawley J. W., 126 Canterbury Rd Bankstown	37556	1969	Premise Match	216m	South East
	MOTOR GARAGES & ENGINEERS	Crawley J. W., 126 Canterbury Rd Bankstown	20998	1968	Premise Match	216m	South East
	MOTOR GARAGES & ENGINEERS.	Crawley J. W., 126 Canterbury Rd Bankstown	6566	1967	Premise Match	216m	South East
	MOTOR GARAGES & ENGINEERS.	Crawley J. W., 126 Canterbury Rd Bankstown	55614	1966	Premise Match	216m	South East
	Motor Garages & Engineers	Crawley, J. W., 126 Canterbury Rd. Bankstown	122190	1965	Premise Match	216m	South East
	MOTOR GARAGES & ENGINEERS	Crawley J. W., 126 Canterbury Rd Bankstown	43400	1964	Premise Match	216m	South East
	MOTOR GARAGES & ENGINEERS.	Crawley J. W., 126 Canterbury Rd Bankstown	28857	1962	Premise Match	216m	South East
5	MOTOR GARAGES & SERVICE STATIONS.	Caltex Bankstown Service Station, 108 Canterbury Rd., Bankstown. 2200	18733	1993	Premise Match	373m	East
	Motor Garages & Service Stations	Caltex Bankstown Service Station, 108 Canterbury Rd., Bankstown 2200	53610	1991	Premise Match	373m	East
	MOTOR GARAGES & SERVICE STATIONS.	Caltex Bankstown Service Station, 108 Canterbury Rd., Bankstown. 2200	11268	1990	Premise Match	373m	East
	MOTOR GARAGE & SERVICE STATIONS.	Caltex Bankstown Service Station, 108 Canterbury Rd., Bankstown. 2200	64708	1989	Premise Match	373m	East
	MOTOR GARAGES & SERVICE STATIONS.	Caltex Bankstown Service Station, 108 Canterbury Rd., Bankstown. 2200	53833	1988	Premise Match	373m	East
	MOTOR GARAGES & SERVICE STATIONS.	Caltex Bankstown Service Station, 108 Canterbury Rd., Bankstown. 2200	64306	1986	Premise Match	373m	East
	MOTOR GARAGES & SERVICE STATIONS.	Caltex Bankstown Service Station, 108 Canterbury Rd., Bankstown. 2200	39307	1985	Premise Match	373m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Caltex Bankstown Service Station, 108 Canterbury Rd., Bankstown. 2200	27915	1984	Premise Match	373m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Caltex Bankstown Service Station., 108 Canterbury Rd., Bankstown 2200	14334	1983	Premise Match	373m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	Caltex Bankstown Service Station, 108 Canterbury Rd., Bankstown. 2200.	56387	1982	Premise Match	373m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Caltex Bankstown Service Station., 108 Canterbury Rd., Bankstown. 2200	64062	1981	Premise Match	373m	East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
5	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Caltex Bankstown Service Station., 108 Canterbury Rd., Bankstown. 2200	51568	1980	Premise Match	373m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Caltex Service Station., 108 Canterbury Rd., Bankstown. 2200.	41149	1979	Premise Match	373m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Caltex Service Station, 108 Canterbury Rd., Bankstown. 2200	49707	1978	Premise Match	373m	East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Caltex Service Station., 108 Canterbury Rd., Bankstown 2200	29661	1976	Premise Match	373m	East
	MOTOR GARAGES &/OR ENGINEERS.	Caltex Service Station., 108 Canterbury Rd., Bankstown. 2200	58609	1975	Premise Match	373m	East
	MOTOR GARAGES &/OR ENGINEERS.	Midway Star Service Station Pty. Ltd., The 108 Canterbury Rd Bankstown	7523	1972	Premise Match	373m	East
	MOTOR GARAGES &/OR ENGINEERS.	Midway Star Service Station Pty. Ltd. The, 108 Canterbury Rd., Bankstown	56286	1971	Premise Match	373m	East
	MOTOR GARAGES & ENGINEERS(M6S6)	Midway Star Service Station Pty. Ltd. The., 108 Canterbury Rd., BANKSTOWN	338254	1970	Premise Match	373m	East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Midway Star Service Station (The)., 108 Canterbury Rd Bankstown	47489	1969	Premise Match	373m	East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Midway Star Service Station (The)., 108 Canterbury Rd Bankstown	30913	1968	Premise Match	373m	East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Midway Star Service Station (The)., 108 Canterbury Rd Bankstown	15394	1967	Premise Match	373m	East
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Midway Star Service Station (The)., 108 Canterbury Rd Bankstown	61063	1966	Premise Match	373m	East
	Motor Garages & Engineers	Midway Star Service Station (The), 108 Canterbury Rd. Bankstown	122196	1965	Premise Match	373m	East
	MOTOR GARAGES & ENGINEERS	Midway Star Service Station (The)., 108 Canterbury Rd Bankstown	43407	1964	Premise Match	373m	East
6	MOTOR GARAGES & SERVICE STATIONS.	C & H Mechanical Repairs, 111 Gow St, Padstow. 2211	64291	1986	Premise Match	438m	South East
	MOTOR GARAGES & SERVICE STATIONS.	C & H Mechanical Repairs, 111 Gow St., Padstow. 2211	39295	1985	Premise Match	438m	South East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	C & H Mechanical Repars., 111 Gow St., Padstow. 2211	27905	1984	Premise Match	438m	South East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	C & H Mechanical Repairs., 111 Gow St., Padstow 2211	14322	1983	Premise Match	438m	South East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS. (M6860)	C & H Mechanical Repairs, 111 Gow St., Padstow. 2211.	56375	1982	Premise Match	438m	South East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	C & H Mechanical Repairs., 111 Gow St., Padstow. 2211	64048	1981	Premise Match	438m	South East
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	C & H Mechanical Repairs., 111 Gow St., Padstow. 2211	51553	1980	Premise Match	438m	South East
7	DRY CLEANERS & PRESSERS.	V.I.P. Dry Cleaners., 151 Canterbury Rd., Bankstown. 2200	63570	1981	Premise Match	493m	East
	DRY CLEANERS, PRESSERS &/OR DYERS.	V.I.P. Dry Cleaners., 151 Canterbury Rd., Bankstown. 2200	50049	1980	Premise Match	493m	East

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Property Boundary or Road Intersection	Direction
7	DRY CLEANERS, PRESSERS &/OR DYERS.	V.I.P. Dry Cleaners., 151 Canterbury Rd., Bankstown. 2200.	35588	1979	Premise Match	493m	East
	DRY CLEANERS, PRESSERS &/OR DYERS	Richwear Dry Cleaners, 151 Canterbury Rd., Bankstown. 2200	20933	1978	Premise Match	493m	East
	DRY CLEANERS, PRESSERS/ DYERS.	Richwear Dry Cleaning Co., 151 Canterbury Rd., Bankstown	43145	1964	Premise Match	493m	East
	DRY CLEANERS, PRESSERS/DYERS.	Richwear Dry Cleaning Co., 151 Canterbury Rd Bankstown	24891	1962	Premise Match	493m	East
	DRY CLEANERS, PRESSERS / DYERS	Richwear Dry Cleaning Co., 151 Canterbury Rd., Bankstown	299246	1961	Premise Match	493m	East
	DRY CLEANERS, PRESSERS/DYERS	Richwear Dry Cleaning Co., 151 Canterbury Rd Bankstown	13237	1959	Premise Match	493m	East
	DRY CLEANERS, PRESSERS & DYERS	Richwear Dry Cleaning Co., 151 Canterbury Rd Bankstown	367	1958	Premise Match	493m	East
	DRY CLEANERS, PRESSERS & DYERS.	Richwear Dry Cleaning Co., 151 Canterbury Rd Bankstown	54957	1956	Premise Match	493m	East
	DRY CLEANERS, PRESSERS & DYERS.	Richwear Dry Cleaning Co., 151 Canterbury Rd., Bankstown	44507	1954	Premise Match	493m	East

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Dry Cleaners, Motor Garages & Service Stations 1948-1993

Road or Area Matches

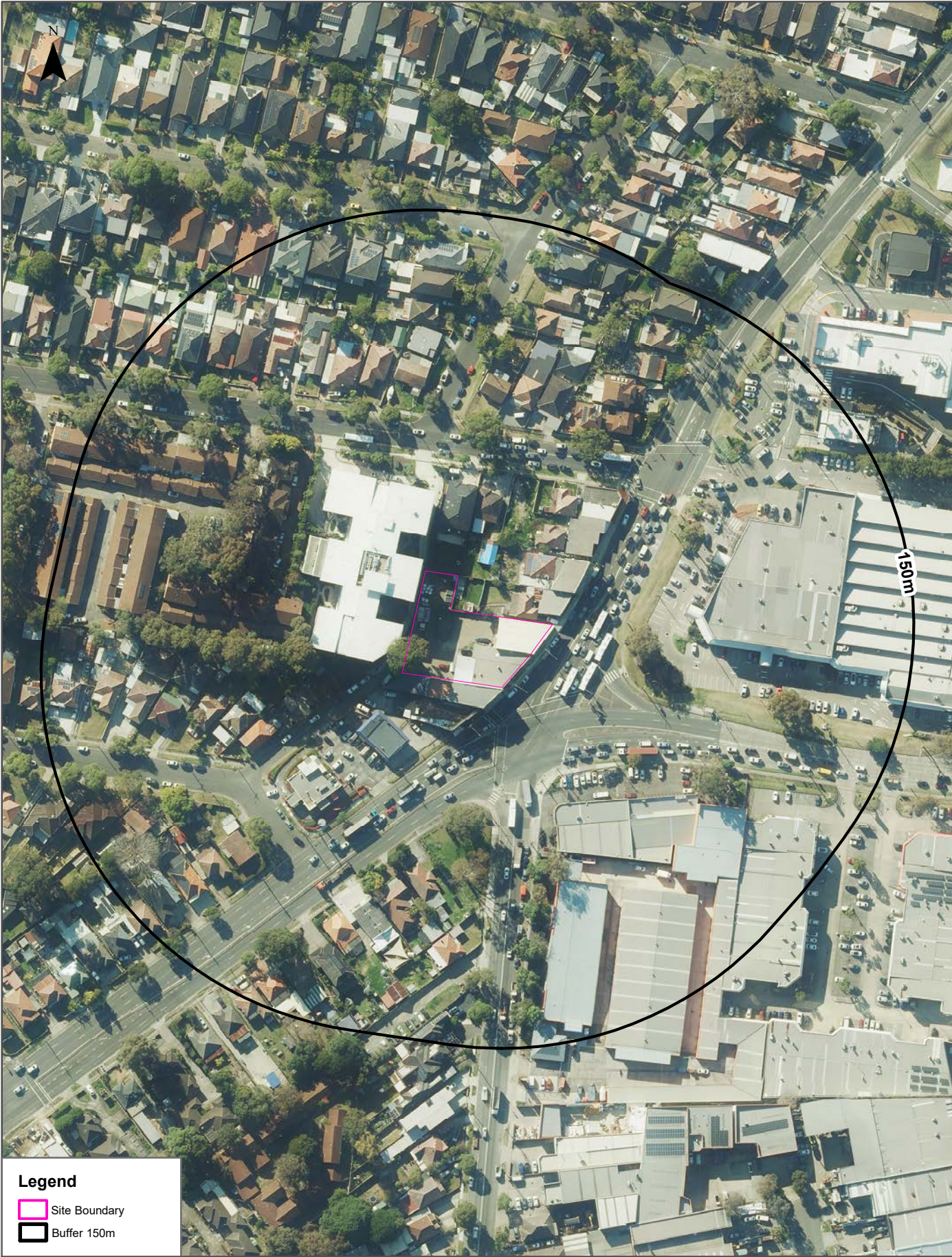
Dry Cleaners, Motor Garages & Service Stations from UBD Business Directories, mapped to a road or an area, within the dataset buffer. Records are mapped to the road when a building number is not supplied, cannot be found, or the road has been renumbered since the directory was published.

Note: The Universal Business Directories were published between 1948 and 1993. Dry Cleaners, Motor Garages & Service Stations have been extracted from all of these directories except the following years 1951, 1955, 1957, 1960, 1963, 1973, 1974, 1977, 1987.

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
8	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Als & Dots Service Station, Chapel Rd., Bankstown. 2200	49231	1978	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS &/OR SERVICE STATIONS.	Als & Dots Service Station., Chapel Rd., Bankstown 2200	23932	1976	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Als & Dots Service Station., Chapel Rd., Bankstown. 2200	58322	1975	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Al's & Dot's Service Station., Chapel Rd Bankstown	7508	1972	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Al's & Dot's Service Station., Chapel Rd Bankstown	56271	1971	Road Match	0m
	MOTOR GARAGES & ENGINEERS(M6S6)	Al's & Dot's Service Station., Chapel Rd., BANKSTOWN	337182	1970	Road Match	0m
	MOTOR GARAGES & ENGINEERS.	Gill's Garage., Chapel Rd Bankstown	28859	1962	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Gill's Garage, Chapel Rd., Bankstown	347222	1961	Road Match	0m
	MOTOR GARAGES & ENGINEERS	Gill's Garage, Chapel Rd. Bankstown	13581	1959	Road Match	0m
	MOTOR GARAGE/ENGINEERS.	Gill's Garage., Chapel Rd Bankstown	4163	1958	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Gill's Garage., Chapel Rd Bankstown	57701	1956	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Gill's Garage., Chapel Rd Bankstown	49312	1954	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Gill's Garage., Chapel Rd Bankstown	40041	1953	Road Match	0m
	MOTOR GARAGES &/OR ENGINEERS.	Gills Service Station., Chapel Rd Bankstown	22384	1948-49	Road Match	0m
	MOTOR SERVICE STATIONS-PETROL, ETC.	Gills Service Station., Chapel Rd Bankstown	23280	1948-49	Road Match	0m
9	Motor Garages & Service Stations	Precision Mechanical Repairs, Canterbury Rd., Punchbowl 2196	53781	1991	Road Match	26m
	MOTOR GARAGES & ENGINEERS(M6S6)	Lou's Service Station., Canterbury Rd., PUNCHBOWL	338172	1970	Road Match	26m
	MOTOR GARAGES & ENGINEERS(M6S6)	Total Service Station., Canterbury Rd., PUNCHBOWL	338767	1970	Road Match	26m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Power & Yates., 882 Canterbury Rd Bankstown	47490	1969	Road Match	26m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Power & Yates., 882 Canterbury Rd Bankstown	30914	1968	Road Match	26m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Power & Yates., 882 Canterbury Rd Bankstown	15395	1967	Road Match	26m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Power & Yates., 882 Canterbury Rd Bankstown	61064	1966	Road Match	26m
	Motor Service Stations - Petrol, Oil, Etc.	Power & Yates, 882 Canterbury Rd. Bankstown	125430	1965	Road Match	26m

Map Id	Business Activity	Premise	Ref No.	Year	Location Confidence	Distance to Road Corridor or Area
9	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Power & Yates., 882 Canterbury Rd Bankstown	51725	1964	Road Match	26m
	MOTOR GARAGES & ENGINEERS.	Keogh, N., Canterbury Rd., Bankstown	28864	1962	Road Match	26m
	MOTOR SERVICE STATIONS-PETROL, OIL, ETC.	Power & Yates., 882 Canterbury Rd Bankstown	37871	1962	Road Match	26m
	MOTOR GARAGES & ENGINEERS	Keogh, N., Canterbury Rd. BANKSTOWN	347496	1961	Road Match	26m
	MOTOR SERVICE STATIONS—PETROL, OIL, Etc.	Power & Yates, 882 Canterbury Rd. BANKSTOWN	350978	1961	Road Match	26m
	MOTOR GARAGES & ENGINEERS	Keogh, N., Canterbury Rd. Bankstown	13585	1959	Road Match	26m
	MOTOR SERVICE STATIONS-PETROL., OIL, ETC.	Power & Yates., 882 Canterbury Rd Bankstown	20261	1959	Road Match	26m
	MOTOR GARAGE/ENGINEERS.	Keogh N., Canterbury Rd Bankstown	4391	1958	Road Match	26m
	MOTOR SERVICE STATIONS-PETROL, ETC.	Power And Yates., 882 Canterbury Rd., Bankstown	9756	1958	Road Match	26m
	MOTOR GARAGES &/OR ENGINEERS.	Keogh N., Canterbury Rd., Bankstown	57913	1956	Road Match	26m
	MOTOR SERVICE STATIONS-PETROL, ETC.	Power And Yates., 882 Canterbury Rd Bankstown	62109	1956	Road Match	26m
	MOTOR GARAGES &/OR ENGINEERS.	Keogh N., Canterbury Rd Bankstown	49514	1954	Road Match	26m
	MOTOR SERVICE STATIONS-PETROL, ETC.	Power And Yates., 882 Canterbury Rd Bankstown	54623	1954	Road Match	26m
	MOTOR GARAGES &/OR ENGINEERS.	Keogh N., Canterbury Rd Bankstown	40216	1953	Road Match	26m
	MOTOR SERVICE STATIONS—PETROL, ETC.	Power And Yates., 882 Canterbury Rd Bankstown	44176	1953	Road Match	26m
	MOTOR GARAGES &/OR ENGINEERS.	Keogh N., Canterbury Rd Bankstown	31824	1952	Road Match	26m
	MOTOR SERVICE STATIONS—PETROL, ETC.	Power And Yates., 882 Canterbury Rd Bankstown	35959	1952	Road Match	26m
	MOTOR GARAGES &/OR ENGINEERS	Keogh, N., Canterbury Rd., Bankstown	83949	1950	Road Match	26m
	MOTOR SERVICE STATIONS-PETROL, Etc.	Power and Yates, 882 Canterbury Rd., Bankstown	86296	1950	Road Match	26m
	MOTOR GARAGES &/OR ENGINEERS.	Keogh N., Canterbury Rd Bankstown	22516	1948-49	Road Match	26m
	MOTOR SERVICE STATIONS-PETROL, ETC.	Power And Yates., 882 Canterbury Rd Bankstown	26705	1948-49	Road Match	26m
10	MOTOR GARAGES &/OR ENGINEERS.	Rightway Engineers Pty. Ltd., Eldridge Rd Bankstown	61386	1956	Road Match	45m

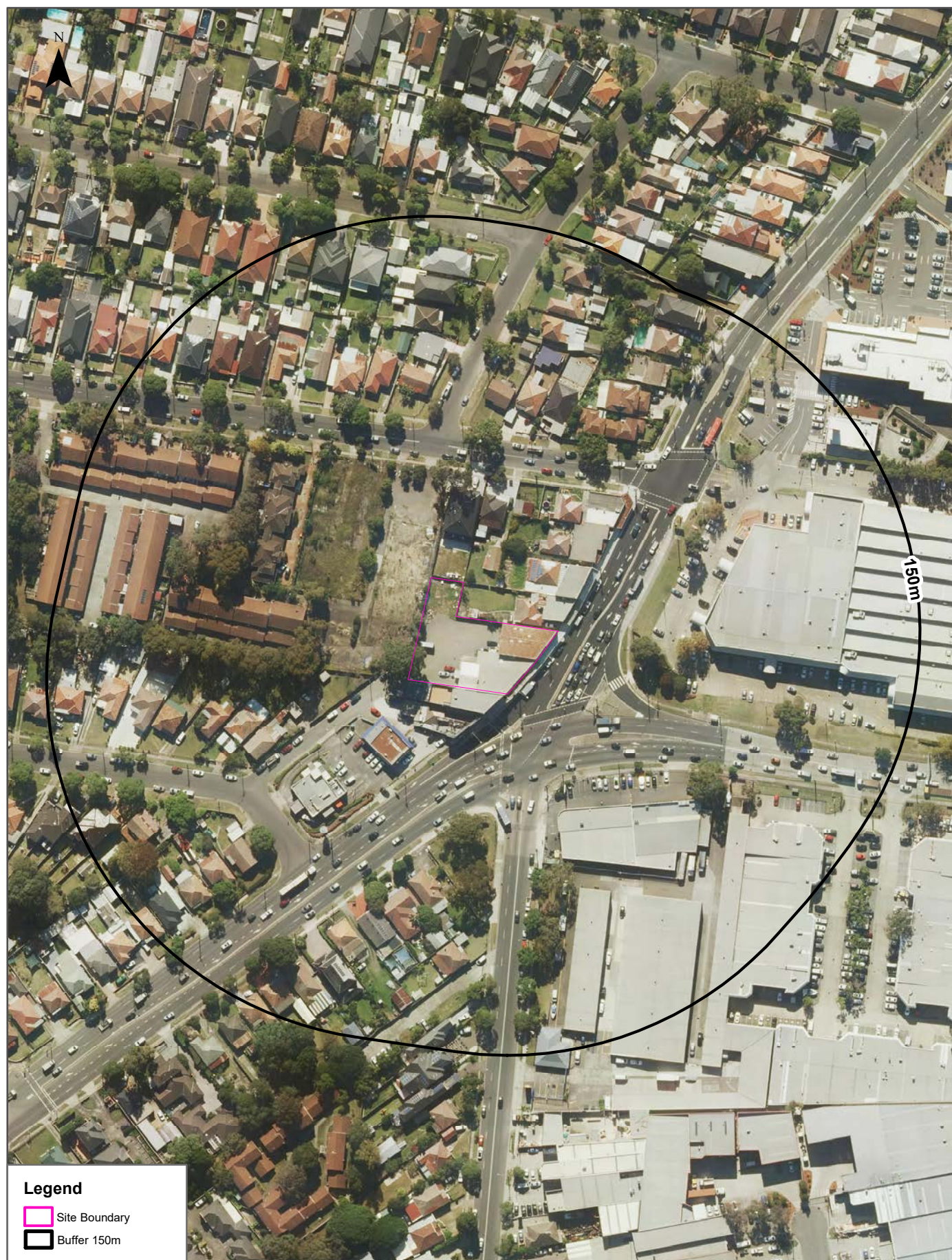
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Scale: 0 25 50 75 100 Meters	Data Source Aerial Imagery: © Aerometrex Pty Ltd	Coordinate System: GDA 1994 MGA Zone 56	Date: 26 September 2023
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Scale: 0 25 50 75 100 Meters	Data Source Aerial Imagery: © Aerometrex Pty Ltd	Coordinate System: GDA 1994 MGA Zone 56	Date: 26 September 2023
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Scale: 0 25 50 75 100 Meters	Data Source Aerial Imagery: © Aerometrex Pty Ltd	Coordinate System: GDA 1994 MGA Zone 56	Date: 26 September 2023
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Data Sources: Aerial Imagery: © NSW Department of Customer Service	Coordinate System: GDA 1994 MGA Zone 56	Date: 26 September 2023
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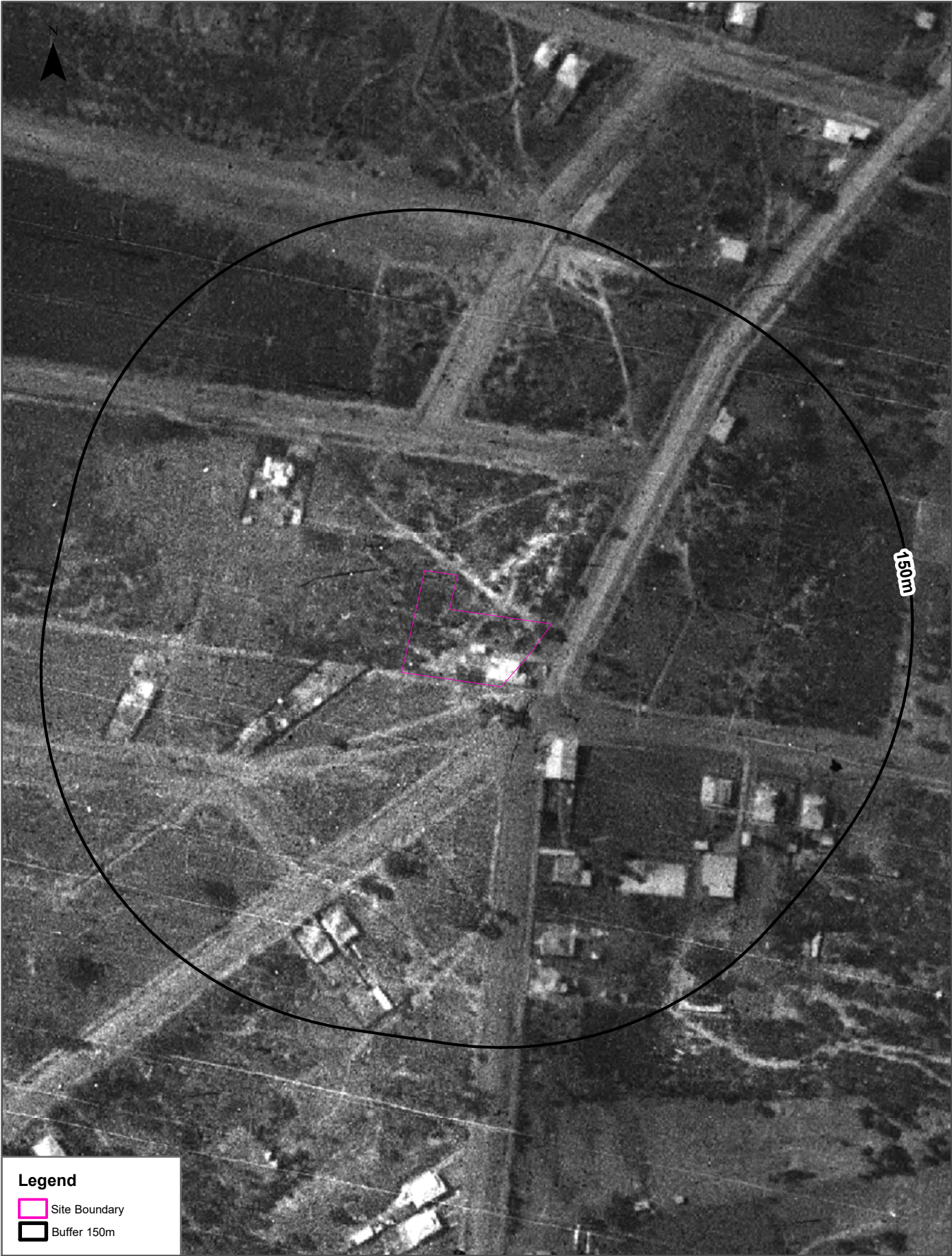
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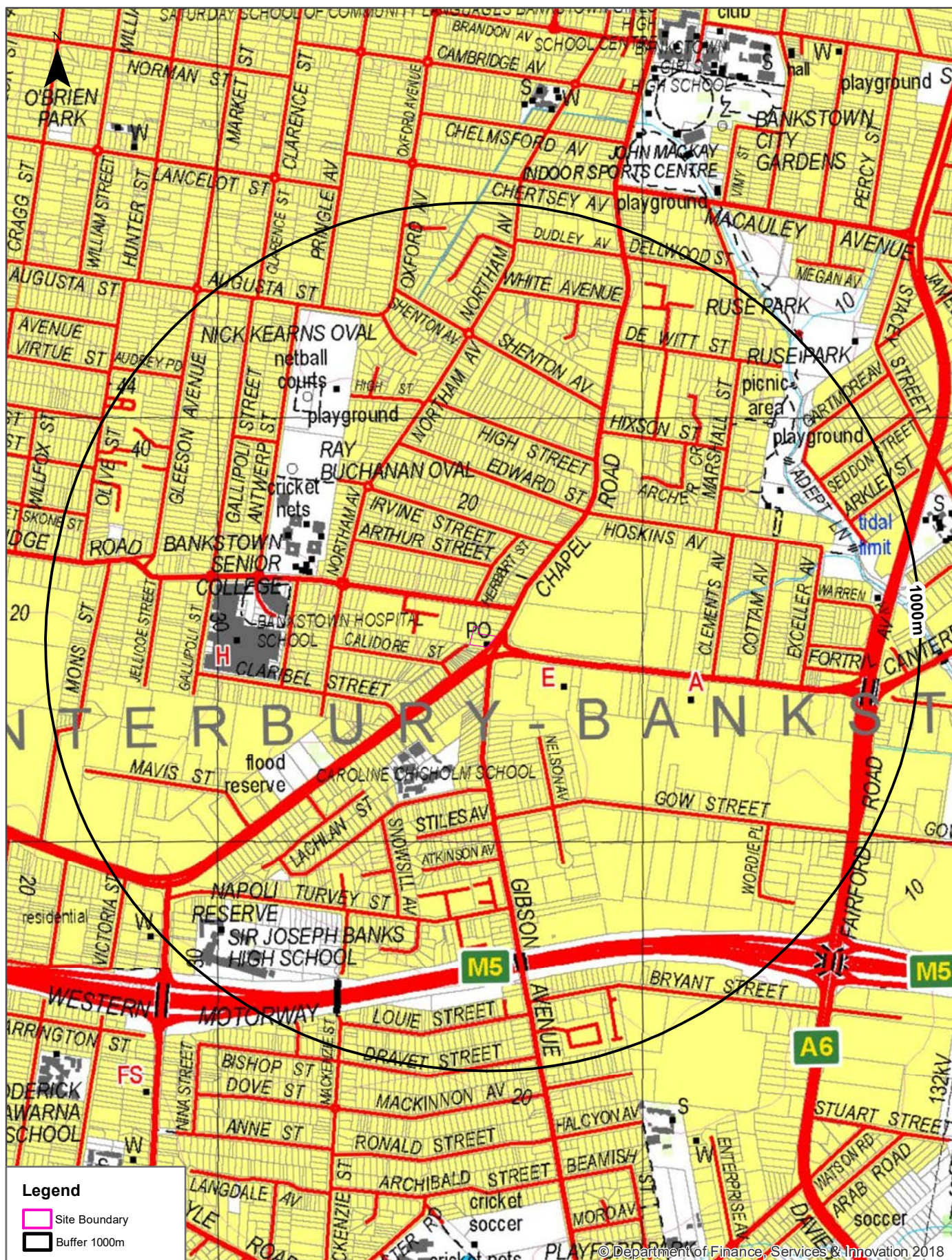
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Scale: 0 25 50 75 100 Meters	Data Sources: Aerial Imagery: © Geoscience Australia	Coordinate System: GDA 1994 MGA Zone 56	Date: 26 September 2023
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Topographic Map 2015

6 Chapel Street, Bankstown, NSW 2200



Legend Site Boundary Buffer 1000m	Scale: 0 140 280 420 560 Meters	Data Sources: Topographic Map Data © NSW Land and Property Information	Coordinate System: GDA 1994 MGA Zone 56	Date: 26 September 2023
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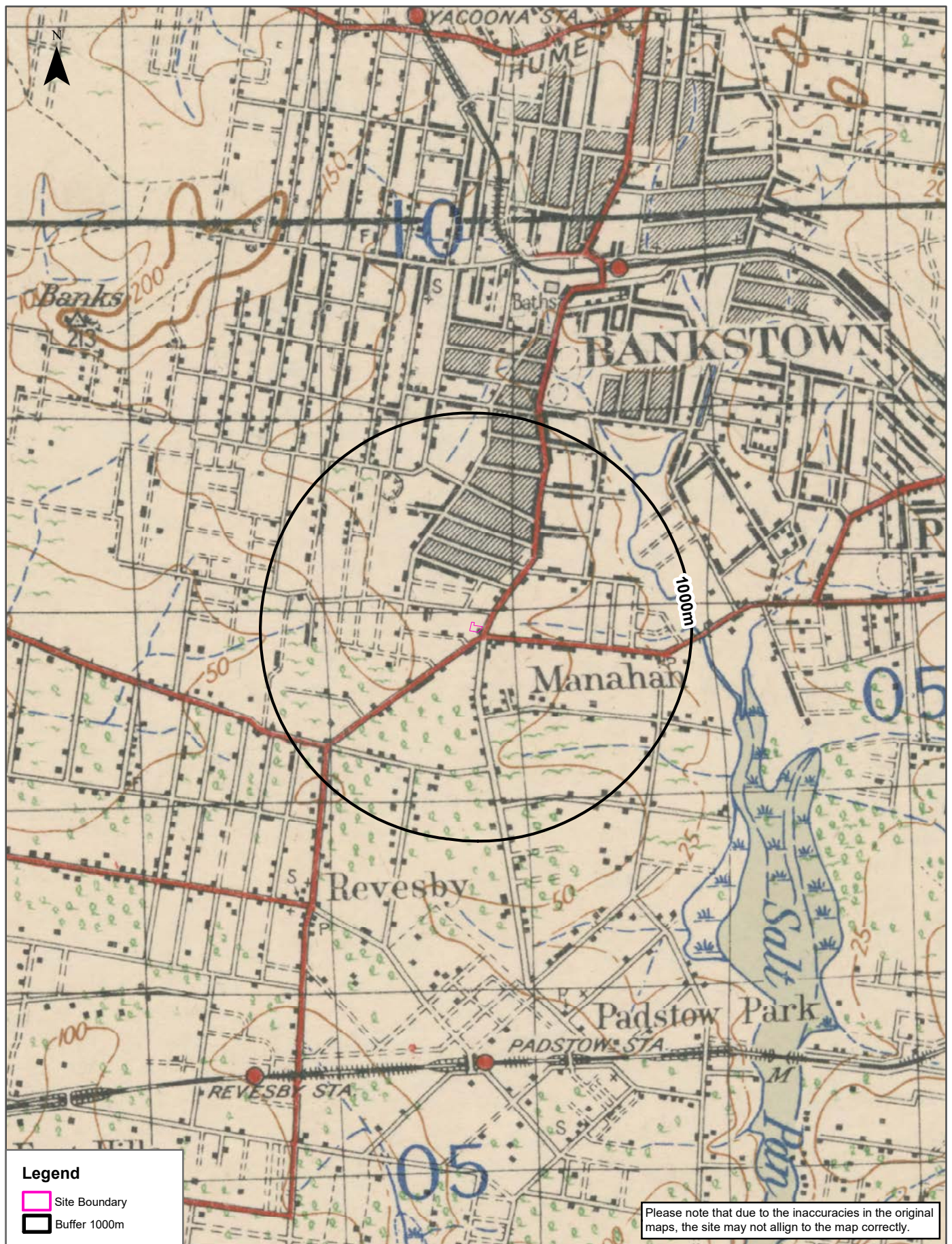
Historical Map 1975

6 Chapel Street, Bankstown, NSW 2200



Historical Map c.1936

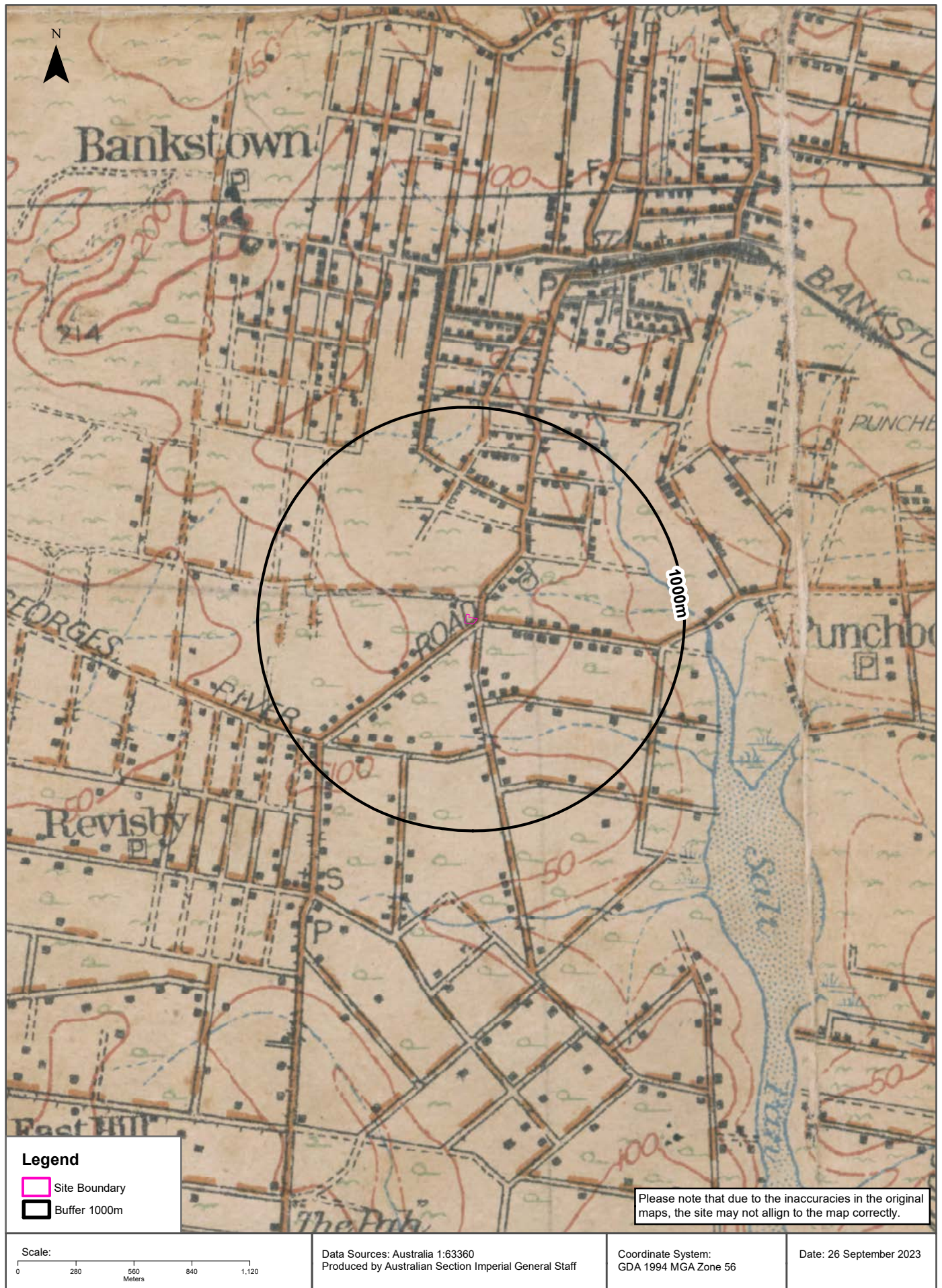
6 Chapel Street, Bankstown, NSW 2200



Scale:	Data Sources: Australia 1:63360 Produced by Australian Section Imperial General Staff	Coordinate System: GDA 1994 MGA Zone 56	Date: 26 September 2023
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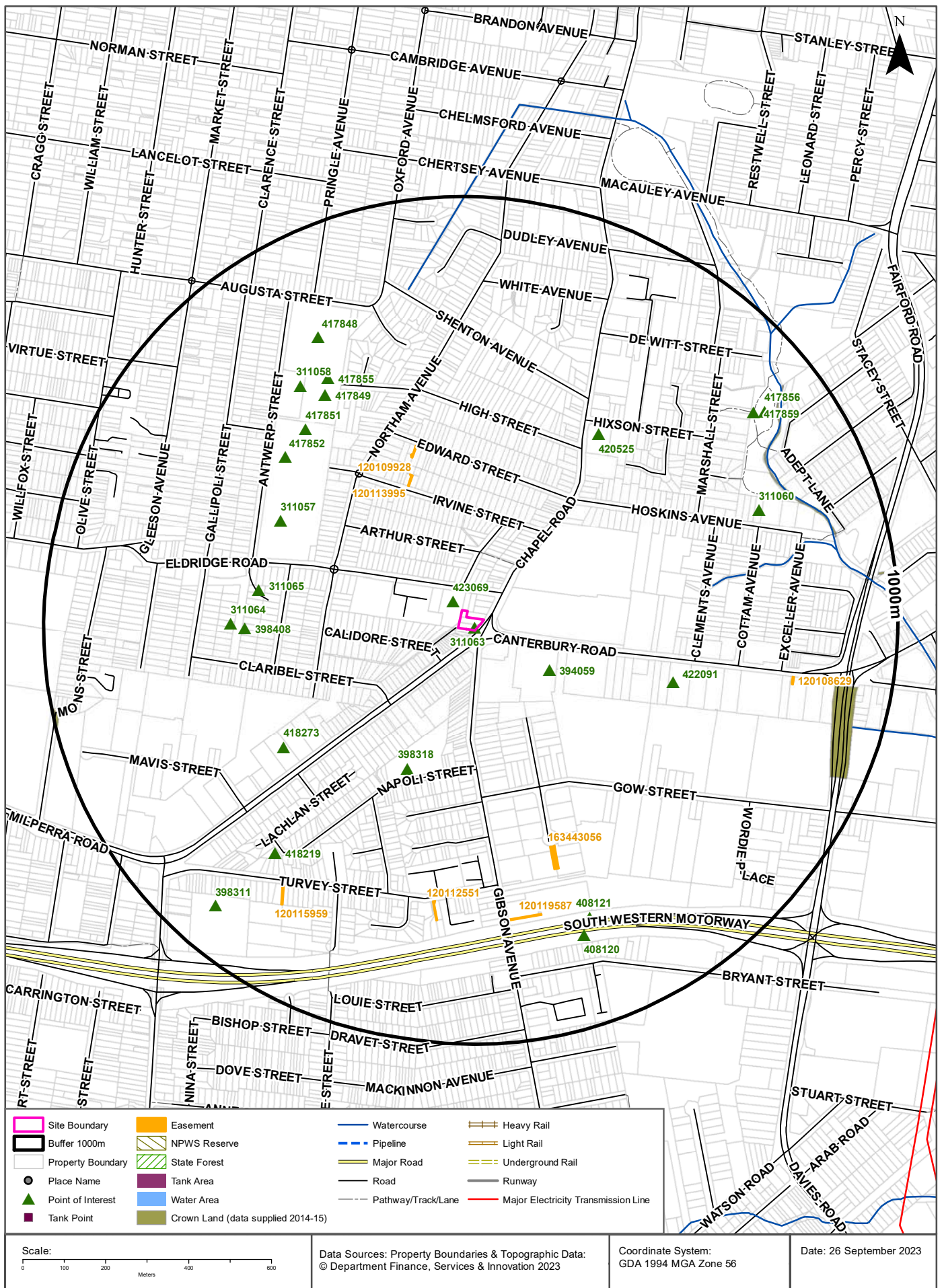
Historical Map c.1917

6 Chapel Street, Bankstown, NSW 2200



Topographic Features

6 Chapel Street, Bankstown, NSW 2200



Topographic Features

6 Chapel Street, Bankstown, NSW 2200

Points of Interest

What Points of Interest exist within the dataset buffer?

Map Id	Feature Type	Label	Distance	Direction
311063	Post Office	MANAHAN POST OFFICE	0m	On-site
423069	Nursing Home	BANKSTOWN TERRACE CARE COMMUNITY	30m	North West
394059	SES Facility	SYDNEY SOUTHERN SES	199m	South East
398318	Special School	CAROLINE CHISHOLM SCHOOL	361m	South West
422091	Ambulance Station	BANKSTOWN SUPERSTATION	482m	East
311057	High School	BANKSTOWN SENIOR COLLEGE	488m	North West
311065	Parking Area	Parking Area	490m	West
418273	Park	Park	510m	South West
398408	Special School	BANKSTOWN HOSPITAL SCHOOL	514m	West
420525	Nursing Home	HIXSON GARDENS AGED CARE FACILITY	527m	North East
311064	General Hospital	BANKSTOWN LIDCOMBE HOSPITAL	549m	West
417852	Sports Court	CRICKET NETS	564m	North West
417851	Sports Field	RAY BUCHANAN OVAL	577m	North West
417849	Park	PLAYGROUND	617m	North West
417855	Community Facility	BANKSTOWN SPORTS STARS FOOTBALL CLUB	648m	North West
311058	Sports Court	NETBALL COURTS	668m	North West
418219	Park	NAPOLI RESERVE	701m	South West
311060	Parking Area	Parking Area	715m	East
417848	Sports Field	NICK KEARNS OVAL	746m	North West
408121	Roadside Emergency Telephone	7	746m	South
408120	Roadside Emergency Telephone	8	781m	South
417859	Picnic Area	RUSE PARK	821m	North East
417856	Park	PLAYGROUND	844m	North East
398311	High School	SIR JOSEPH BANKS HIGH SCHOOL	891m	South West

Topographic Data Source: © Land and Property Information (2015)

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Topographic Features

6 Chapel Street, Bankstown, NSW 2200

Tanks (Areas)

What are the Tank Areas located within the dataset buffer?

Note. The large majority of tank features provided by LPI are derived from aerial imagery & are therefore primarily above ground tanks.

Map Id	Tank Type	Status	Name	Feature Currency	Distance	Direction
N/A	No records in buffer					

Tanks (Points)

What are the Tank Points located within the dataset buffer?

Note. The large majority of tank features provided by LPI are derived from aerial imagery & are therefore primarily above ground tanks.

Map Id	Tank Type	Status	Name	Feature Currency	Distance	Direction
N/A	No records in buffer					

Tanks Data Source: © Land and Property Information (2015)

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Major Easements

What Major Easements exist within the dataset buffer?

Note. Easements provided by LPI are not at the detail of local governments. They are limited to major easements such as Right of Carriageway, Electrical Lines (66kVa etc.), Easement to drain water & Significant subterranean pipelines (gas, water etc.).

Map Id	Easement Class	Easement Type	Easement Width	Distance	Direction
120113995	Primary	Undefined		326m	North
120109928	Primary	Undefined		387m	North
163443056	Primary	Right of way	12m	553m	South
120112551	Primary	Undefined		661m	South
120119587	Primary	Undefined		702m	South
120115959	Primary	Undefined		750m	South West
120108629	Primary	Undefined		757m	East

Easements Data Source: © Land and Property Information (2015)

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Topographic Features

6 Chapel Street, Bankstown, NSW 2200

State Forest

What State Forest exist within the dataset buffer?

State Forest Number	State Forest Name	Distance	Direction
N/A	No records in buffer		

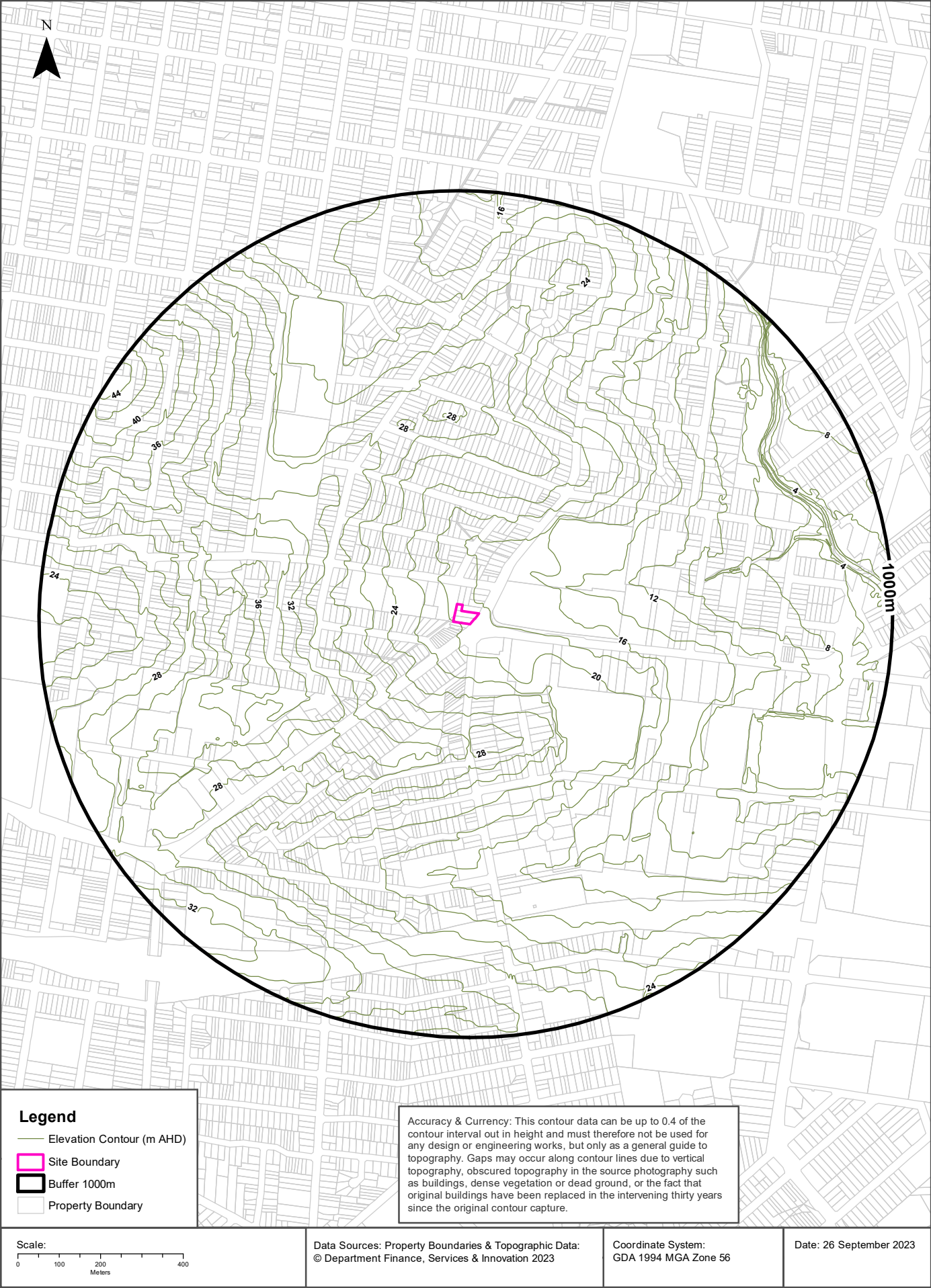
State Forest Data Source: © NSW Department of Finance, Services & Innovation (2018)
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

National Parks and Wildlife Service Reserves

What NPWS Reserves exist within the dataset buffer?

Reserve Number	Reserve Type	Reserve Name	Gazetted Date	Distance	Direction
N/A	No records in buffer				

NPWS Data Source: © NSW Department of Finance, Services & Innovation (2018)
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Hydrogeology & Groundwater

6 Chapel Street, Bankstown, NSW 2200

Hydrogeology

Description of aquifers within the dataset buffer:

Description	Distance	Direction
Porous, extensive aquifers of low to moderate productivity	0m	On-site

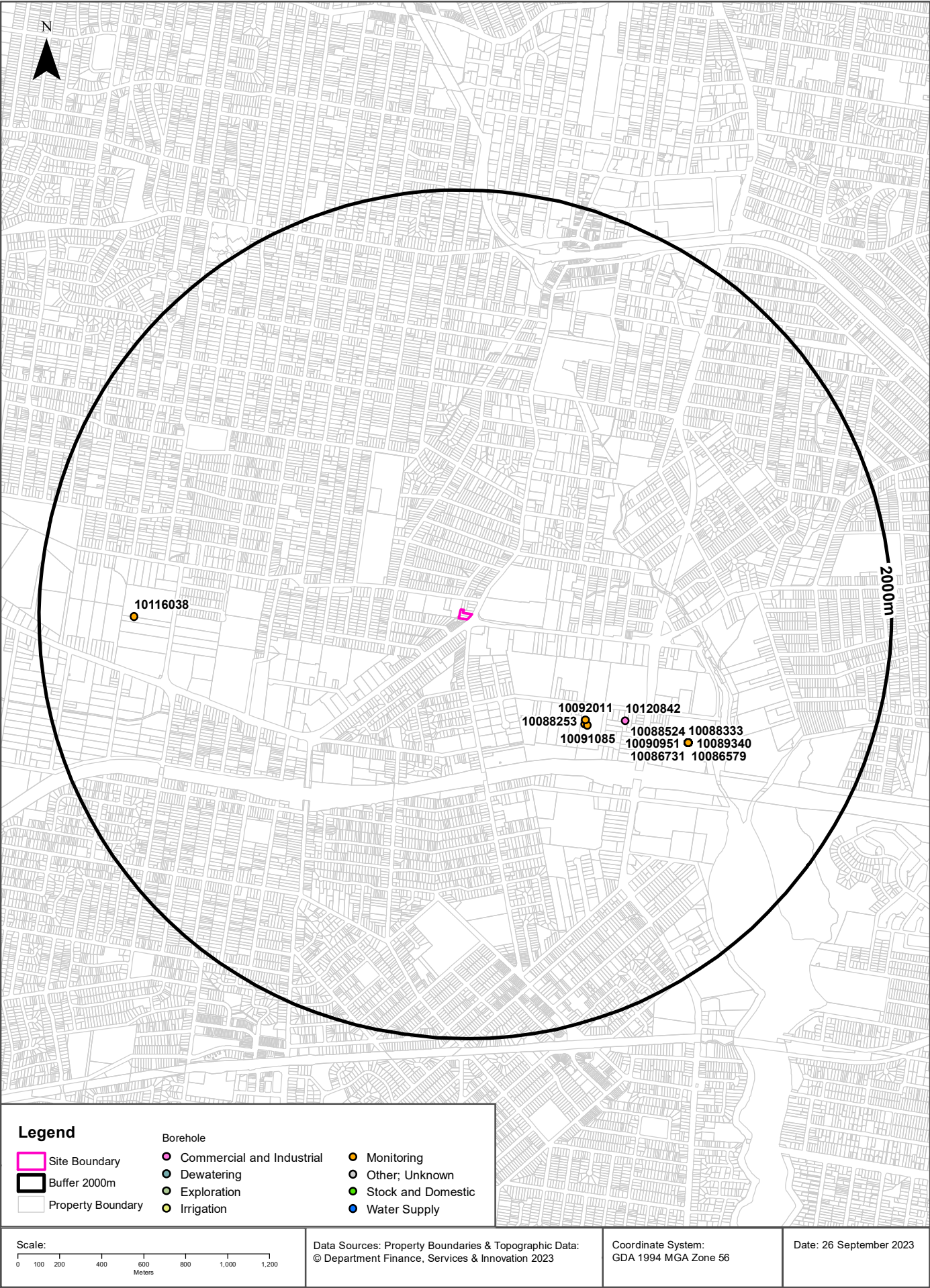
Hydrogeology Map of Australia : Commonwealth of Australia (Geoscience Australia)
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018

Temporary water restrictions relating to the Botany Sands aquifer within the dataset buffer:

Prohibition Area No.	Prohibition	Distance	Direction
N/A	No records in buffer		

Temporary Water Restriction (Botany Sands Groundwater Source) Order 2018 Data Source : NSW Department of Primary Industries



Hydrogeology & Groundwater

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Groundwater Boreholes

Boreholes within the dataset buffer:

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation	Height Datum	Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10092011	GW111381	Monitoring	Functional	27/01/2011	4.50		AHD	1172		1.40	740m	South East
10088253	GW111382	Monitoring	Functional	27/01/2011	7.00		AHD	1425		4.49	752m	South East
10091085	GW111383	Monitoring	Functional	27/01/2011	6.10		AHD	19520		2.45	765m	South East
10120842	GW109275	Commercial and Industrial	Unknown	27/08/2008	7.00		AHD		1.000	6.00	893m	South East
10086579	GW103667	Monitoring	Unknown	01/11/2000	4.50		AHD				1201m	South East
10086731	GW103662	Monitoring	Unknown	03/11/2000	4.40		AHD				1201m	South East
10088333	GW103660	Monitoring	Unknown	03/11/2000	4.70		AHD				1201m	South East
10088524	GW103661	Monitoring	Unknown	03/11/2000	4.30		AHD				1201m	South East
10088547	GW103663	Monitoring	Unknown	03/11/2000	4.80		AHD				1201m	South East
10089340	GW103670	Monitoring	Unknown	06/11/2000	0.50		AHD				1201m	South East
10090491	GW103672	Monitoring	Unknown	30/10/2000	4.50		AHD				1201m	South East
10090732	GW103666	Monitoring	Unknown	01/11/2000	4.50		AHD				1201m	South East
10090951	GW103665	Monitoring	Unknown	02/11/2000	4.70		AHD				1201m	South East
10091455	GW103669	Monitoring	Unknown	06/11/2000	4.80		AHD				1201m	South East
10095950	GW103671	Monitoring	Unknown	31/10/2000	5.10		AHD				1201m	South East
10096599	GW103659	Monitoring	Unknown	03/01/2000	1.00		AHD				1201m	South East
10097591	GW103668	Monitoring	Unknown	27/11/2000	3.90		AHD				1201m	South East
10098255	GW103658	Monitoring	Unknown	03/11/2000	2.00		AHD				1201m	South East
10099144	GW103664	Monitoring	Unknown	02/11/2000	4.70		AHD				1201m	South East
10103056	GW103657	Monitoring	Unknown	06/11/2000	3.30		AHD				1201m	South East
10112823	GW103674	Monitoring	Unknown	13/11/2000	5.90		AHD				1201m	South East
10114160	GW103684	Monitoring	Unknown	02/11/2000	6.00		AHD				1201m	South East
10114734	GW103683	Monitoring	Unknown	08/11/2000	7.00		AHD				1201m	South East
10115579	GW103680	Monitoring	Unknown	01/11/2000	5.00		AHD				1201m	South East
10116604	GW103678	Monitoring	Unknown	31/10/2000	4.30		AHD				1201m	South East
10116941	GW103685	Monitoring	Unknown	02/11/2000	5.00		AHD				1201m	South East
10118815	GW103681	Monitoring	Unknown	06/11/2000	4.00		AHD				1201m	South East
10119511	GW103687	Monitoring	Unknown	02/11/2000	4.40		AHD				1201m	South East

NGIS Bore ID	NSW Bore ID	Bore Type	Status	Drill Date	Bore Depth (m)	Reference Elevation	Height Datum	Salinity (mg/L)	Yield (L/s)	SWL (mbgl)	Distance	Direction
10120965	GW103682	Monitoring	Unknown	01/11/2000	6.00		AHD				1201m	South East
10120983	GW103677	Monitoring	Functional	27/11/2000	4.50		AHD				1201m	South East
10122922	GW103690	Monitoring	Unknown	06/11/2000	3.40		AHD				1201m	South East
10124177	GW103675	Monitoring	Unknown	13/11/2000	5.60		AHD				1201m	South East
10124407	GW103679	Monitoring	Unknown	01/11/2000	5.00		AHD				1201m	South East
10125242	GW103689	Monitoring	Unknown	27/11/2000	3.50		AHD				1201m	South East
10125655	GW103673	Monitoring	Unknown	30/10/2000	4.30		AHD				1201m	South East
10126004	GW103688	Monitoring	Unknown	27/11/2000	3.60		AHD				1201m	South East
10131391	GW103676	Monitoring	Unknown	13/11/2000	5.60		AHD				1201m	South East
10116038	GW113186	Monitoring	Functional	26/08/2013	8.30		AHD			2.91	1545m	West

Borehole Data Source: Bureau of Meteorology; Water NSW. Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Hydrogeology & Groundwater

6 Chapel Street, Bankstown, NSW 2200

Driller's Logs

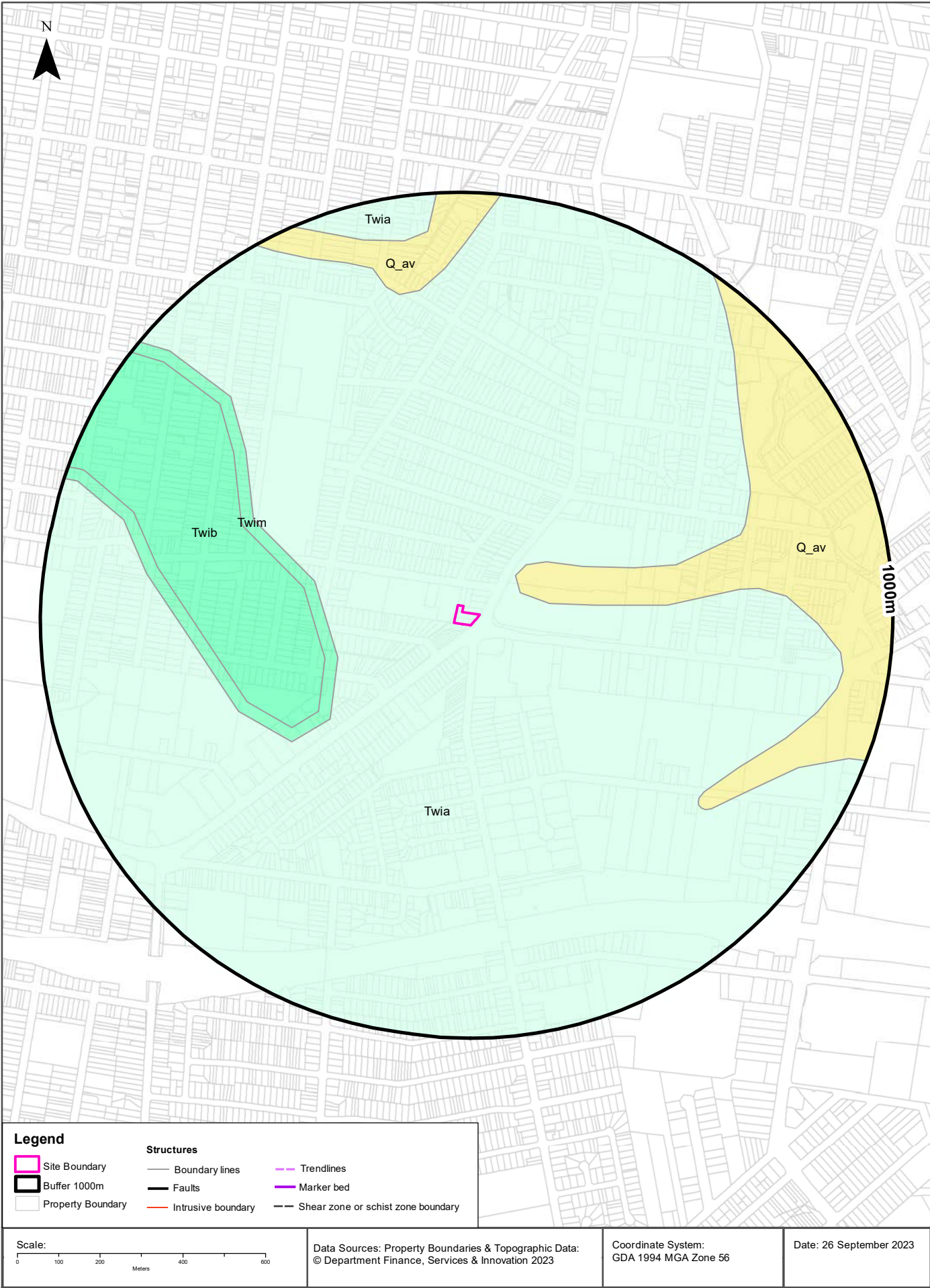
Drill log data relevant to the boreholes within the dataset buffer:

NGIS Bore ID	Drillers Log	Distance	Direction
10092011	0.00m-0.24m CONCRETE 0.24m-1.20m FILL,FIRM BROWN AND SILTY CLAY 1.20m-1.80m FILL,FIRM BROWN AND SILTY CLAY 1.80m-2.30m NATURAL FIRM BROWN AND SILTY CLAY 2.30m-3.90m CLAY,STIFF GREY 3.90m-4.50m BEDROCK GREY SLATE	740m	South East
10088253	0.00m-0.20m CONCRETE 0.20m-0.50m FILL,BROWN SILTY CLAY WITH GRAVEL 0.50m-2.10m NATURAL FIRM BROWN SILTY CLAY 2.10m-2.77m STIFF GREY CLAY WITH IRONSTONE NODULES 2.77m-4.00m STIFF TO HARD GREY CLAY 4.00m-4.30m GREY MODERATE STRENGHT W/SHALE 4.30m-5.20m GREY MODERATE STRENGHT W/SHALE 5.20m-6.40m GREY HIGH STRENGTH SHALE 6.40m-7.00m MODERATELY	752m	South East
10091085	0.00m-0.25m CONCRETE 0.25m-0.90m FILL,BROKEN SILTY SANDY CLAY 0.90m-1.70m NATURAL FIRM BROWN SILTY CLAY 1.70m-2.10m STIFF GREY CLAY WITH IRONSTONE NODULES 2.10m-3.50m SHALE GREY MODERATE STRENGTH 3.50m-5.00m SHALE HIGH STRENGTH 5.00m-6.10m MODERATELY	765m	South East
10086579	0.00m-2.30m CLAY/STILT,BROWN/RED/GREY,STIFF,FIRM 2.30m-2.50m SHALE,FIRM,GREY/RED,DRY,FRIABLE 2.50m-2.70m CLAY FIRM,GREY,HOMOGENOUS 2.70m-2.90m SHALE,DRY,GREY/BROWN,FIRM 2.90m-4.00m CLAY,VERY MOIST,GREY 4.00m-4.50m CLAY,VERY MOIST,STICKY,GREY,GREEN	1201m	South East
10086731	0.00m-0.70m CLAY:BROWN/GREY,FUNNY COLOUR 0.70m-1.40m CLAY:GREY/RED,FIRM,PLASTIC 1.40m-1.50m GRAVEL(SHALE):COARSE,LOOSE,DRY 1.50m-2.30m CLAY:GREY,HOMOGENEOUS,PLASTIC 2.30m-2.60m SHALE:ORANGE/GREY,DRY,FRIABLE 2.60m-3.00m GRAVELS:ORANGE/GREY,FRIABLE 3.00m-4.40m SHALE:DRY,GREY,FRIABLE	1201m	South East
10088333	0.00m-0.70m FILL,BRICKS,SAND,CLAY 0.70m-1.50m CLAY: STILT/PLASTIC,GREY/GRAVEL 1.50m-2.50m CLAY:GREY/GRAVEL 2.50m-3.40m SHALES: DRY,GREY TO BROWN 3.40m-3.50m GRAVEL:MOIST/WET/LOOSE 3.50m-4.70m SHALES:FRIABLE/DRY	1201m	South East
10088524	0.00m-0.10m CONCRETE 0.10m-1.10m CLAYS:FIRM,PLASTIC,GREY 1.10m-1.50m CLAY:GREY,HOMOGENEOUS,PLASTIC 1.50m-1.60m GRAVELS:RED/BROWN,WEATHERED 1.60m-2.40m CLAYS:INTERBEDDED AND SHALE 2.40m-4.30m SHALES:DRY,FRIABLE,LOOSE	1201m	South East
10088547	0.00m-0.50m FILL CLAYS:BLACK/BROWN,FIRM 0.50m-1.10m CLAYS:GREY/BROWN 1.10m-1.20m GRAVELS (SHALE) WEATHERED,HARD/RED 1.20m-1.50m CLAYS:GREY WITH OCC RED 1.50m-4.80m SHALES: WITH CLAYS,DRY,FIRM,FRIABLE	1201m	South East
10089340	0.00m-0.50m FILL MATERIAL,GRAVEL,SAND,	1201m	South East
10090491	0.00m-0.13m SAND,MEDIUM GRAINED,LOOSE 0.13m-0.75m CLAY,FIRM,TIGHT,GREY/BROWN/IRON 0.75m-2.50m SILT/SANDY,BROWN,MEDIUM,PLASTICITY 2.50m-2.55m CLAY,GREY/WHITE,FIRM,LOW,DRY 2.55m-3.30m SHALE,DRY,GREY,BROWN,FRIABLE 3.30m-3.50m CLAY GREY/GREEN,FIRM 3.50m-4.50m SHALES,DRY,FIRM,DRY,FRIABLE	1201m	South East
10090732	0.00m-0.35m CLAY,RED,GREY,STICKY,PLASTICITY 0.35m-1.30m CLAY,GREY/GREEN,FIRM 1.30m-2.00m SHALES INTERBEDDED(FIRM,DRY) CLAY 2.00m-4.50m SHALES:FIRM,DRY,GREY	1201m	South East

NGIS Bore ID	Drillers Log	Distance	Direction
10090951	0.00m-1.00m SILT/CLAYS,GREY/BROWN,FAINT HCO 1.00m-1.80m CLAYS,STIFF,DRY,GREY 1.80m-2.20m SHALE, DRY,RED,FRIABLE 2.20m-2.40m CLAY, PLASTICITY-FIRM,GREY,DRY 2.40m-4.70m SHALES,DRY FIRM/HARD,GREY TO RED	1201m	South East
10091455	0.00m-1.50m SAND/CLAY, MINOR GRAVEL,BROWN 1.50m-3.70m CLAY,PALE YELLOW/BROWN,FIRM 3.70m-4.80m SHALE WEATHERED,CLAY,RED/GREY	1201m	South East
10095950	0.00m-0.17m FILL SAND MATERIAL,BLACK /GREY/CLAY 0.17m-0.25m CLAY,SOFT-FIRM,LIGHT GREY, 0.25m-1.30m CLAY/SILT,BROWN/BLACK 1.30m-1.50m CLAY/SILT,STICKY,RED 1.50m-1.70m SHALES,LOOSE,FRIABLE,FIRM 1.70m-2.10m CLAY SITICKY,MOIST,MINOR SAND 2.10m-3.00m SILTS/CLAY,GREY,BROWN,FIRM 3.00m-3.30m SHALE,RED FIRM 3.30m-5.10m SILT/CLAY,GREYT WITH RED MOTTLES.	1201m	South East
10096599	0.00m-1.00m SAND:DAMP WET STENG HCO	1201m	South East
10097591	0.00m-1.00m GRAVEL MIXED,MOTTLED GREY/CLAY 1.00m-2.70m CLAY:LIGHT GREY 2.70m-3.60m SHALE,GREY,BROWN,WEATHERED 3.60m-3.90m CLAY,BROWN,FIRM AND WET	1201m	South East
10098255	0.00m-0.70m FILL/GRAVEL 0.70m-1.50m CLAY: GREY,PLASTIC,FIRM 1.50m-2.00m SHALE: DRY	1201m	South East
10099144	0.00m-1.00m CLAY:STIFF,FIRM LOW PLASTICITY 1.00m-2.00m CLAY:STIFF,RED,GREY 2.00m-4.70m SHALE,RED AND DRY GREY SHALES	1201m	South East
10103056	0.00m-1.00m CONCRETE SURFACE,DRY GREY CLAY 1.00m-2.70m CLAY SILT:DRY,FINE GREY SILT 2.70m-3.30m SHALE:WEATHERED,CLAY	1201m	South East
10112823	0.00m-0.20m FILL,GRAVEL/CLAY,TRACE SAND 0.20m-1.50m CLAY,MOTTLED BROWN AND RED 1.50m-2.30m IRONSTONE,PALE,YELLOW,ORANGE/RED 2.30m-4.00m CLAY,MASSIVE MOTTLED LIGHT GREY/YELLOW 4.00m-5.90m CLAY,WEATHERED SHALE	1201m	South East
10114160	0.00m-1.40m FILL MATERIAL,LOSS DRY CLAYS,SILTS 1.40m-2.00m CLAYS,GREY/YELLOW,FIRM 2.00m-4.40m CLAYS,STICKY,BROWN/GREY,PLASTIC 4.40m-4.90m SHALES, WEATHERED,RED,DAMP 4.90m-5.20m CLAY,FIRM GREY 5.20m-6.00m SHALES: RED,WEATHERED,MOIST	1201m	South East
10114734	0.00m-1.00m SOIL,BLACK WITH GRAVEL 1.00m-2.40m FILL,BRICK,SOME GRAVEL 2.40m-4.40m FILL COARSE/MEDIUM GRAINED 4.40m-5.00m FILL, CLAY,DRY BANDS 5.00m-6.00m CLAY VERY STIFF 6.00m-7.00m SANDSTONE,COARSE GRAINED	1201m	South East
10115579	0.00m-1.30m SAND,CONCRETE,FRAGMENT,FILL 1.30m-1.80m SAND BLACK/GREY,FINE,MEDIUM GRAINED 1.80m-3.40m CLAY,SILT,PLASTIC,GREY/GREEN 3.40m-3.50m SAND MOIS,BLACK,FINE GRAINED 3.50m-5.00m CLAY/SILT,BROWN/GREY WITH OCC RED 5.00m-5.50m CLAYS WITH GRAVEL FRAGMENTS	1201m	South East
10116604	0.00m-1.00m FILL MATERIAL,SILT,GRAVELS/CLAYS 1.00m-2.20m CLAY/SILT,FIRM,RED/GREY 2.20m-4.00m SILT/CLAYS,GREY/BLACK,STIFF 4.00m-5.60m STIFF CLAYS,GREY GREEN WITH OCC. 5.60m-6.00m SHALES,HARD,FRIABLE	1201m	South East
10116941	0.00m-1.60m SILTS,CLAYS,GRAVELS,DRY BROWN 1.60m-3.20m CLAY/SILT,FIRM,DRY,ORANGE/BROWN 3.20m-4.40m CLAY,SOFT,PLASTIC,GREY/BROWN 4.40m-5.40m CLAYS,STICKY WITH ROCK/SHALE 5.40m-6.00m SHALES,OCHRE COLOUR,WET	1201m	South East
10118815	0.00m-2.00m FILL,SAND,MEDIUM TO FINE GRAIN 2.00m-2.40m CLAY,FIRM,GREY/BROWN COLOUR 2.40m-3.40m FILL,BRICK MATERIAL,LOOSE,RED 3.40m-4.70m CLAY,FIRM,GREY/BROWN	1201m	South East
10119511	0.00m-1.00m SILT,CLAYS 1.00m-1.20m SHALE 1.20m-3.60m CLAY 3.60m-4.40m CLAY WITH SHALES	1201m	South East

NGIS Bore ID	Drillers Log	Distance	Direction
10120965	0.00m-1.10m SAND FILL 1.10m-1.40m CLAY,FILL MATERIAL,CONCRETE,GRAVEL 1.40m-1.50m FILL CONTINUES(ASHY) SILTY SAND 1.50m-2.00m CLAY,STIFF,MODERATE PLASTICITY 2.00m-2.20m SANDY SILT,WET,BROWN 2.20m-5.20m CLAY,GREY WITH RED MOTTLES 5.20m-5.40m COARSE GRAVELS,RED STAINING 5.40m-6.00m CLAYS,GREY,PLASTIC-FIRM	1201m	South East
10120983	0.00m-1.00m FILL,DARK GREY,LOOSE,GRAVEL,SAND 1.00m-1.70m FILL,DARK GREY,GRAVEL,SAND,MOIST 1.70m-3.10m CLAY,LIGHT GREY,PLASTIC, DRY 3.10m-4.50m SATURATED WATER,NO H/C ODOUR	1201m	South East
10122922	0.00m-0.70m FILL WET,LARGE GRAVEL 0.70m-1.00m CLAY,LIGHT GREY 1.00m-1.40m SHALE,LIGHT GREY 1.40m-2.30m CLAY,LIGHT GREY,MOIST 2.30m-3.40m CLAY/SILT	1201m	South East
10124177	0.00m-0.15m FILL,FRAGMENTS OF SHALE,SAND 0.15m-1.00m CLAY,MOTTLED TEXTURE 1.00m-2.00m CLAY,STIFF,DARK BROWN 2.00m-2.80m CLAY,PLAE BROWN/IRONSTONE 2.80m-4.00m CLAY,MASSIVE TEXTURE,IRONSTONE 4.00m-5.60m CLAY,GREY,FRIABLE/WEATHERED SHALE	1201m	South East
10124407	0.00m-1.30m SAND,CONCRETE,FRAGMENT,FILL 1.30m-1.80m SAND,BLACK/GREY,FINE-MEDIUM GRAINED 1.80m-3.40m CLAY,SILT,PLASTIC,GREY/GREEN 3.40m-3.50m SAND MOIST,BLACK,FINE GRAINED 3.50m-5.00m CLAY/SILT,BROWN/GREY WITH OCC RED 5.00m-5.50m CLAYS WITH GRAVEL FRAGMENTS STIFF,FIRM	1201m	South East
10125242	0.00m-0.50m FILL,MOIST GREY CLAY 0.50m-1.60m CLAY,SOFT-FIRM 1.60m-2.60m CLAY SILT,STICKY,RED 2.60m-3.00m SAND,QUARTZ SAND 3.00m-3.40m CLAY, VERY STIFF 3.40m-3.50m SHALE AT BASE,WEATHERED BEDROCK	1201m	South East
10125655	0.00m-0.13m SAND,FILL 0.13m-1.00m CLAY,SILT 1.00m-1.50m CLAY/SILT,FRIABLE,LOOSE 1.50m-2.00m CLAY GREY/WHITE 2.00m-2.20m SHALE FRAGMENTS 2.20m-2.50m CLAY/SANDY SILT 2.50m-2.60m SHALES:BROWN/GREY/CLAY 2.60m-3.60m CLAY/SILT/GREY/GREEN 3.60m-4.30m SHALES,GREY,DRY,FIRM,FRIABLE	1201m	South East
10126004	0.00m-1.00m CLAY 1.00m-1.50m CLAY,SLIGHTLY SANDY 1.50m-3.60m CLAY,LIGHT GREY COLOUR	1201m	South East
10131391	0.00m-0.60m Fill,soil/sand,gravel,glass 0.60m-1.00m Clay,pale and dark brown,minor ironstone 1.00m-4.20m clay,bright yellow,small patches of ironstone 4.20m-5.60m clay/weathered shale,brown to grey	1201m	South East

Drill Log Data Source: Bureau of Meteorology; Water NSW. Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>



Geology

6 Chapel Street, Bankstown, NSW 2200

Geological Units

What are the Geological Units within the dataset buffer?

Unit Code	Unit Name	Description	Unit Stratigraphy	Age	Dominant Lithology	Distance
Twia	Ashfield Shale	Black to light grey shale and laminite.	/Wianamatta Group//Ashfield Shale//	Middle Triassic (base) to Middle Triassic (top)	Shale	0m
Q_av	Alluvial valley deposits	Silt, clay, (fluvially deposited) lithic to quartz-lithic sand, gravel.	/Alluvium//Alluvial valley deposits//	Quaternary (base) to Now (top)	Clastic sediment	111m
Twim	Minchinbury Sandstone	Fine- to medium-grained lithic sandstone.	/Wianamatta Group//Minchinbury Sandstone//	Middle Triassic (base) to Middle Triassic (top)	Sandstone	293m
Twib	Bringelly Shale	Shale, carbonaceous claystone, laminite, lithic sandstone, rare coal.	/Wianamatta Group//Bringelly Shale//	Middle Triassic (base) to Middle Triassic (top)	Shale	323m

Linear Geological Structures

What are the Dyke, Sill, Fracture, Lineament and Vein trendlines within the dataset buffer?

Map ID	Feature Description	Map Sheet Name	Distance
No Features			

What are the Faults, Shear zones or Schist zones, Intrusive boundaries & Marker beds within the dataset buffer?

Map ID	Boundary Type	Description	Map Sheet Name	Distance
No Features				

Geological Data Source: Statewide Seamless Geology v2.1, Department of Regional NSW

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Naturally Occurring Asbestos Potential

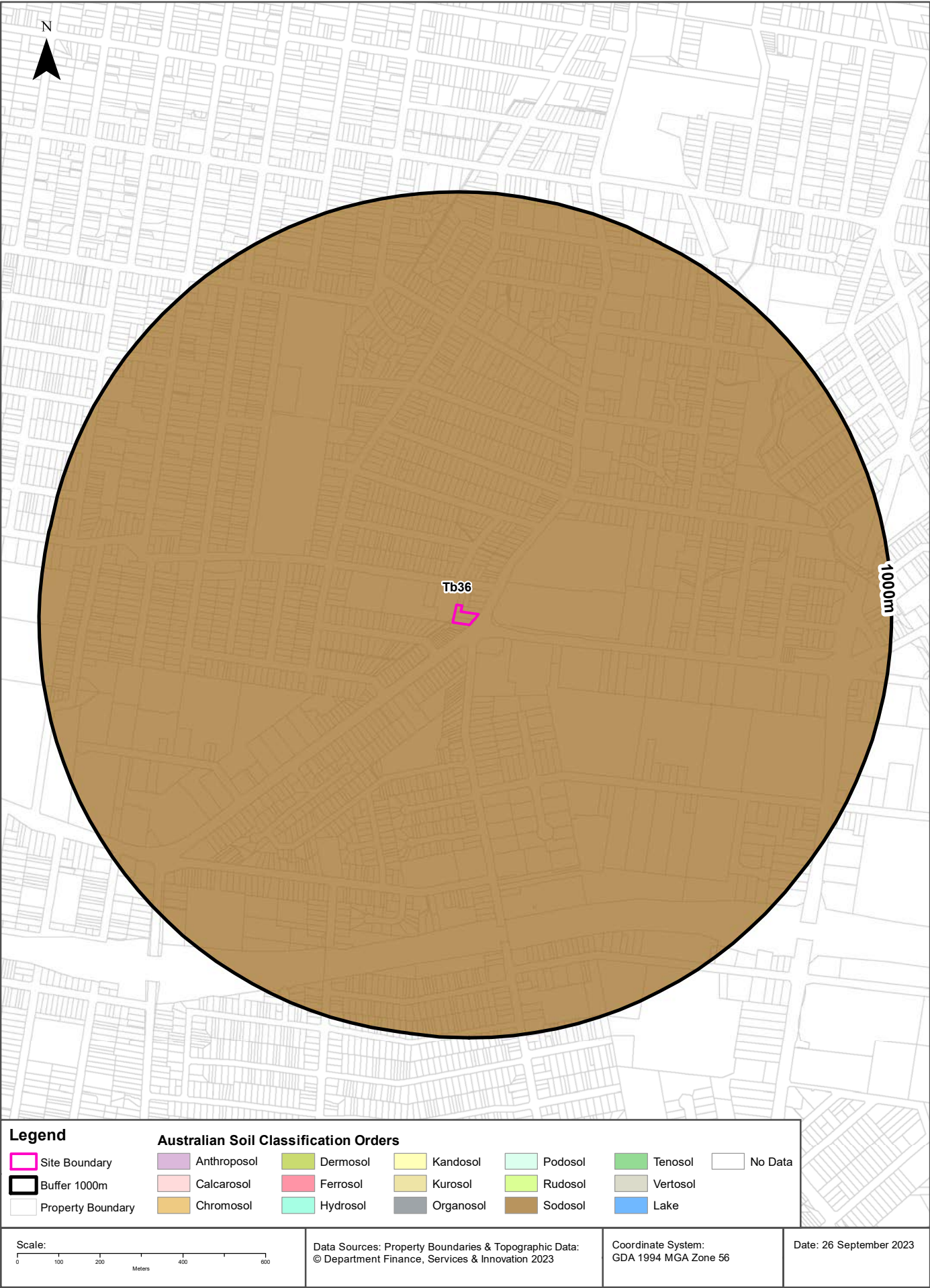
6 Chapel Street, Bankstown, NSW 2200

Naturally Occurring Asbestos Potential

Naturally Occurring Asbestos Potential within the dataset buffer:

Potential	Sym	Strat Name	Group	Formation	Scale	Min Age	Max Age	Rock Type	Dom Lith	Description	Dist	Dir
No records in buffer												

Naturally Occurring Asbestos Potential Data Source: © State of New South Wales through NSW Department of Industry, Resources & Energy



Soils

6 Chapel Street, Bankstown, NSW 2200

Atlas of Australian Soils

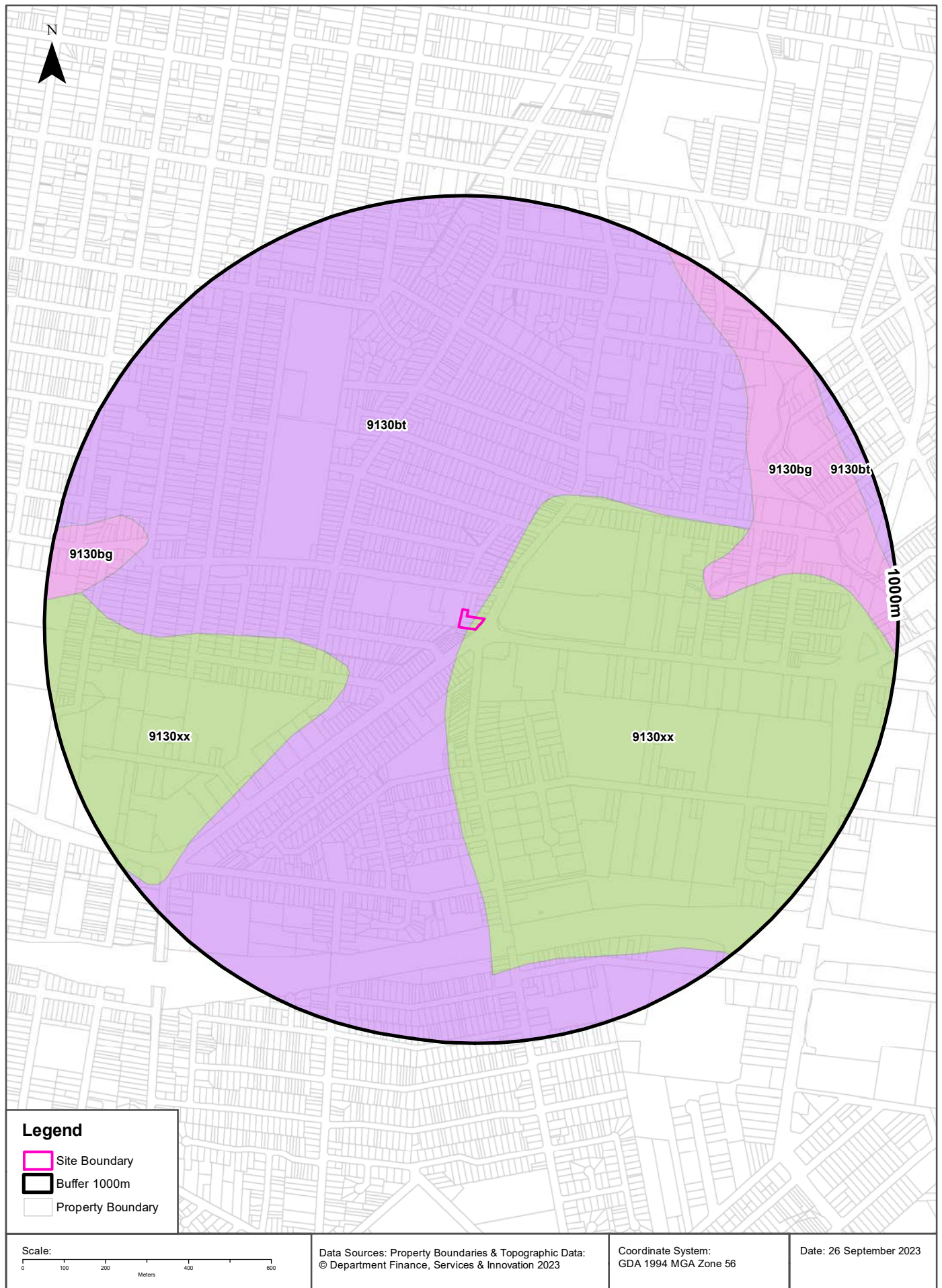
Soil mapping units and Australian Soil Classification orders within the dataset buffer:

Map Unit Code	Soil Order	Map Unit Description	Distance	Direction
Tb36	Sodosol	Undulating: chief soils are hard acidic yellow mottled soils (Dy3.41) usually containing some ironstone gravels throughout the profile. Associated are small areas of units Pb12 and Pb13.	0m	On-site

Atlas of Australian Soils Data Source: CSIRO

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Soils

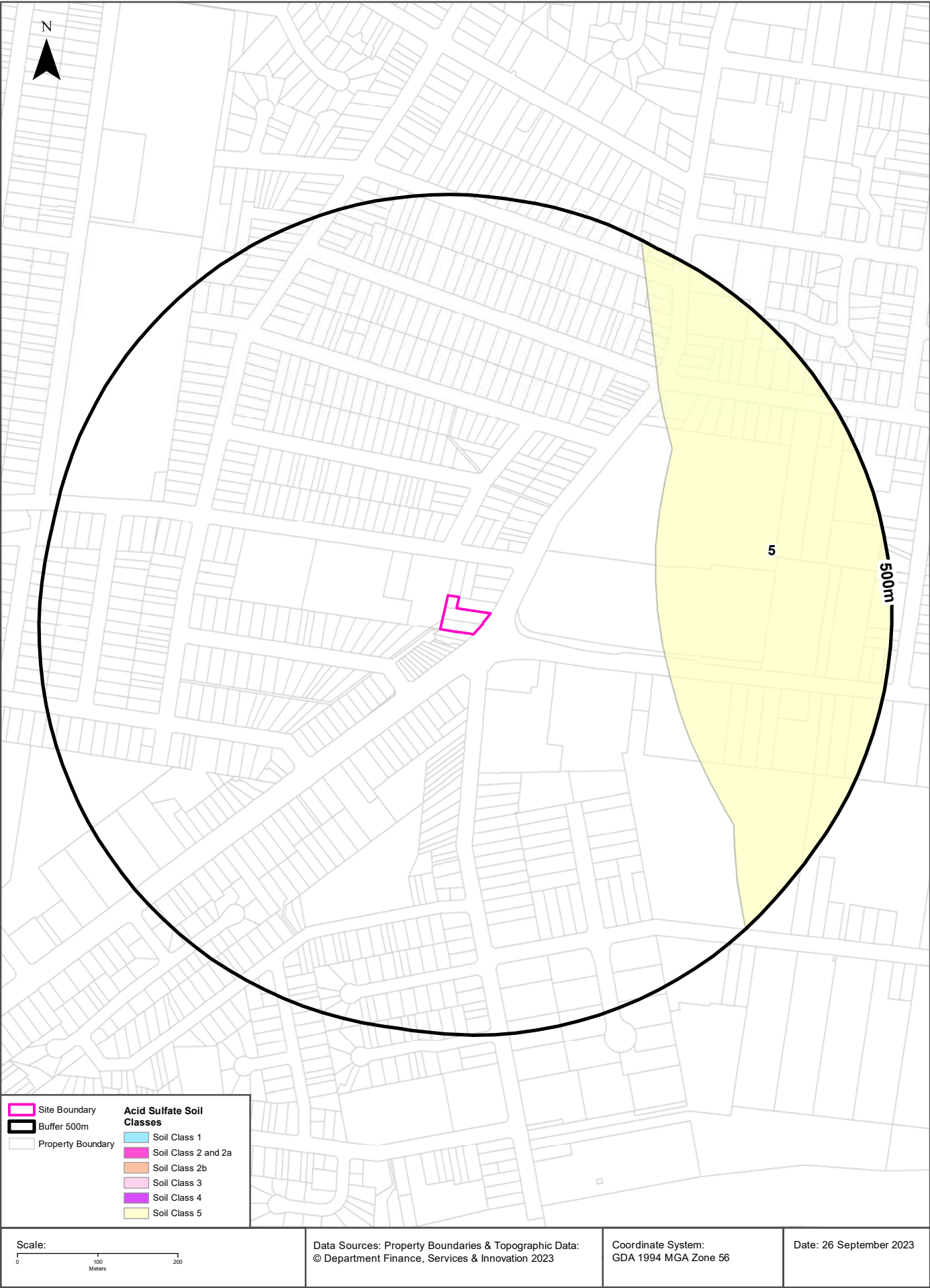
6 Chapel Street, Bankstown, NSW 2200

Soil Landscapes of Central and Eastern NSW

Soil Landscapes of Central and Eastern NSW within the dataset buffer:

Soil Code	Name	Distance	Direction
9130bt	Blacktown	0m	On-site
9130xx	Disturbed Terrain	0m	On-site
9130bg	Birrong	537m	North East

Soil Landscapes of Central and Eastern NSW: NSW Department of Planning, Industry and Environment
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Acid Sulfate Soils

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Environmental Planning Instrument - Acid Sulfate Soils

What is the on-site Acid Sulfate Soil Plan Class that presents the largest environmental risk?

Soil Class	Description	EPI Name
N/A		

If the on-site Soil Class is 5, what other soil classes exist within 500m?

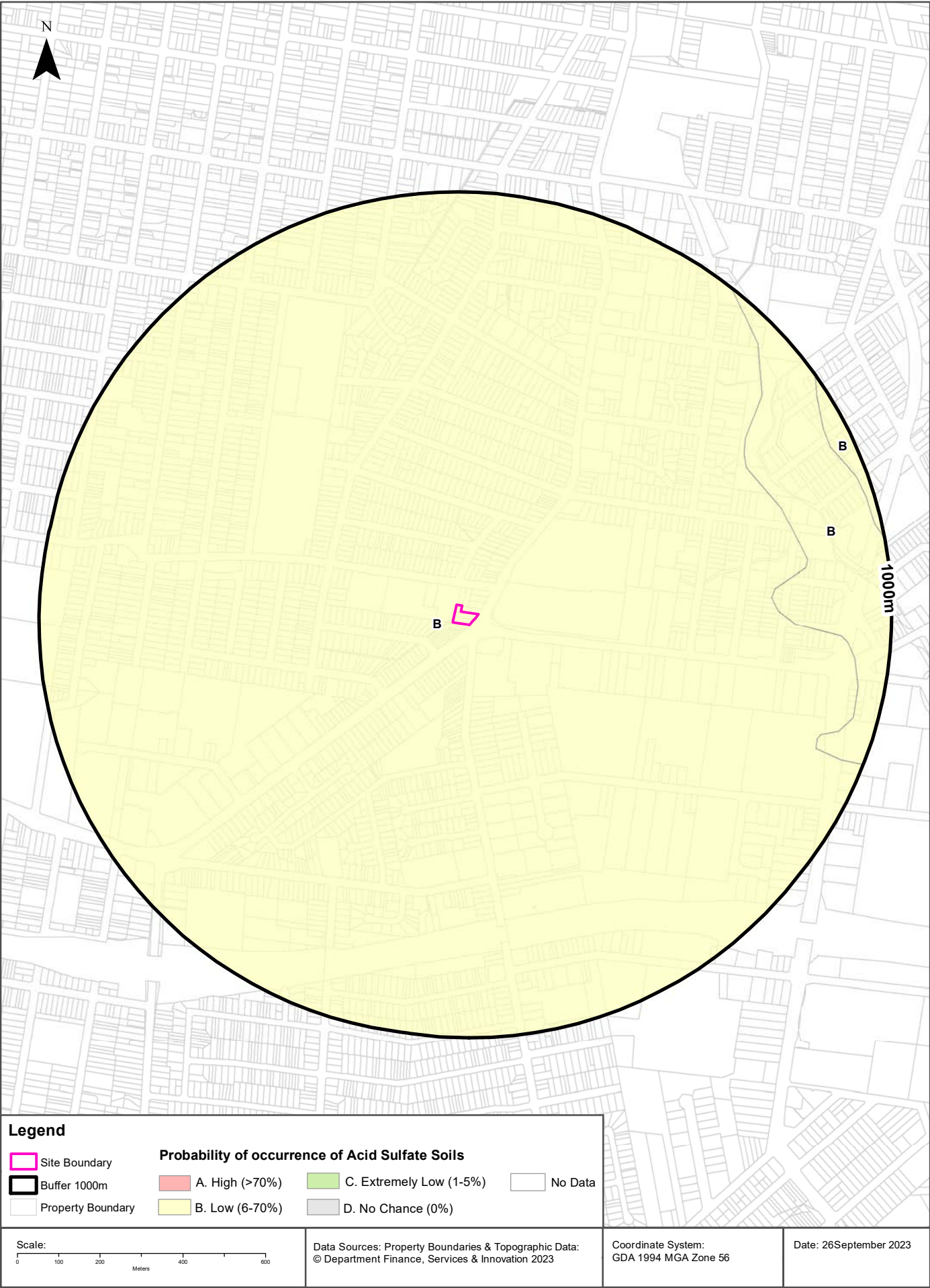
Soil Class	Description	EPI Name	Distance	Direction
N/A				

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Atlas of Australian Acid Sulfate Soils

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Acid Sulfate Soils

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Atlas of Australian Acid Sulfate Soils

Atlas of Australian Acid Sulfate Soil categories within the dataset buffer:

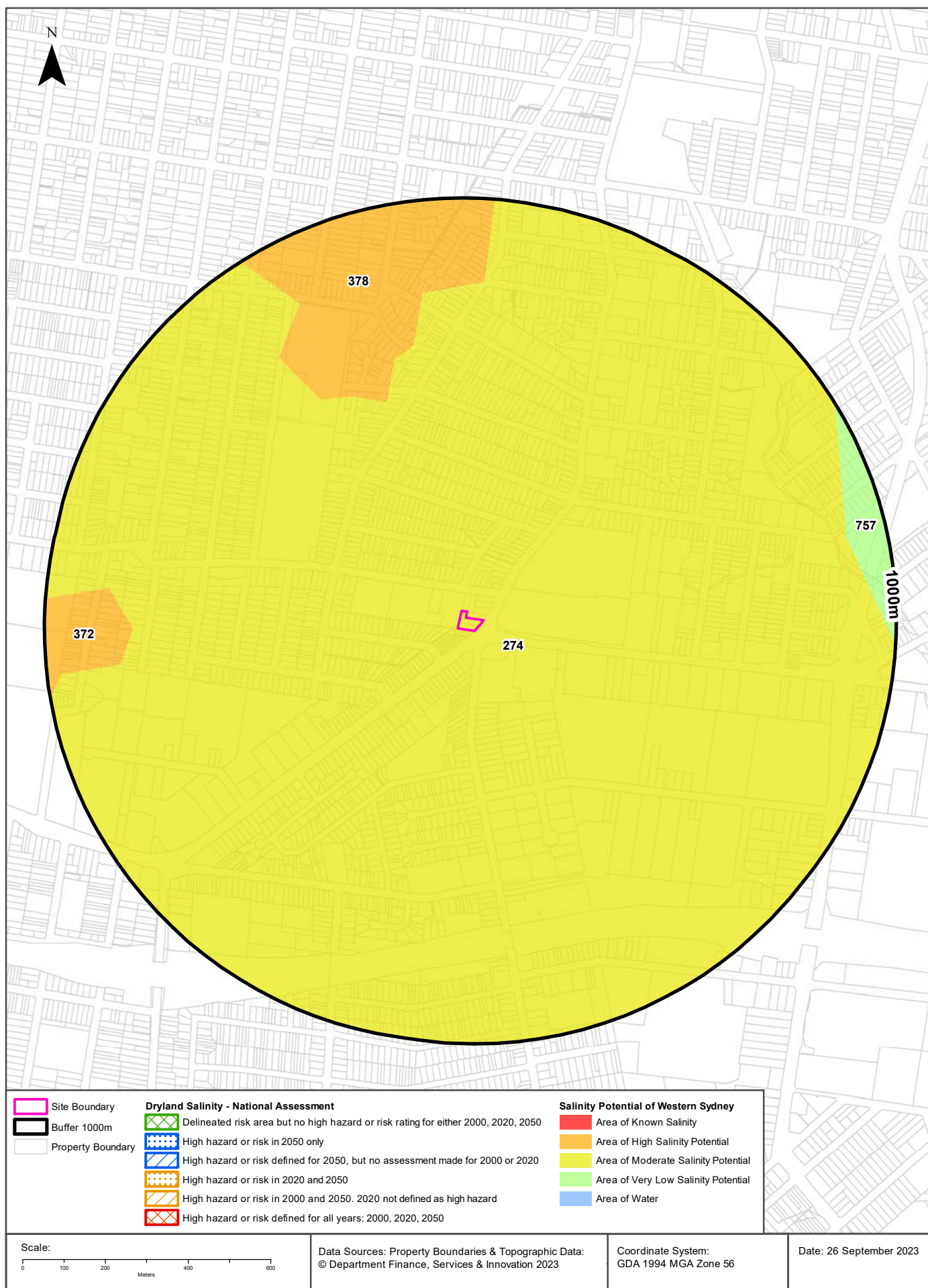
Class	Description	Distance	Direction
B	Low Probability of occurrence. 6-70% chance of occurrence.	0m	On-site

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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Dryland Salinity

6 Chapel Street, Bankstown, NSW 2200



Dryland Salinity

6 Chapel Street, Bankstown, NSW 2200

Dryland Salinity - National Assessment

Is there Dryland Salinity - National Assessment data onsite?

No

Is there Dryland Salinity - National Assessment data within the dataset buffer?

No

What Dryland Salinity assessments are given?

Assessment 2000	Assessment 2020	Assessment 2050	Distance	Direction
N/A	N/A	N/A		

Dryland Salinity Data Source : National Land and Water Resources Audit

The Commonwealth and all suppliers of source data used to derive the maps of "Australia, Forecast Areas Containing Land of High Hazard or Risk of Dryland Salinity from 2000 to 2050" do not warrant the accuracy or completeness of information in this product. Any person using or relying upon such information does so on the basis that the Commonwealth and data suppliers shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information. Any persons using this information do so at their own risk.

In many cases where a high risk is indicated, less than 100% of the area will have a high hazard or risk.

Dryland Salinity Potential of Western Sydney

Dryland Salinity Potential of Western Sydney within the dataset buffer?

Feature Id	Classification	Description	Distance	Direction
274	MODERATE	Area of Moderate Salinity Potential	0m	On-site
378	HIGH	Area of High Salinity Potential	538m	North
372	HIGH	Area of High Salinity Potential	786m	West
757	LOW	Area of Very Low Salinity Potential	899m	East

Dryland Salinity Potential of Western Sydney Data Source : NSW Office of Environment and Heritage

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Mining

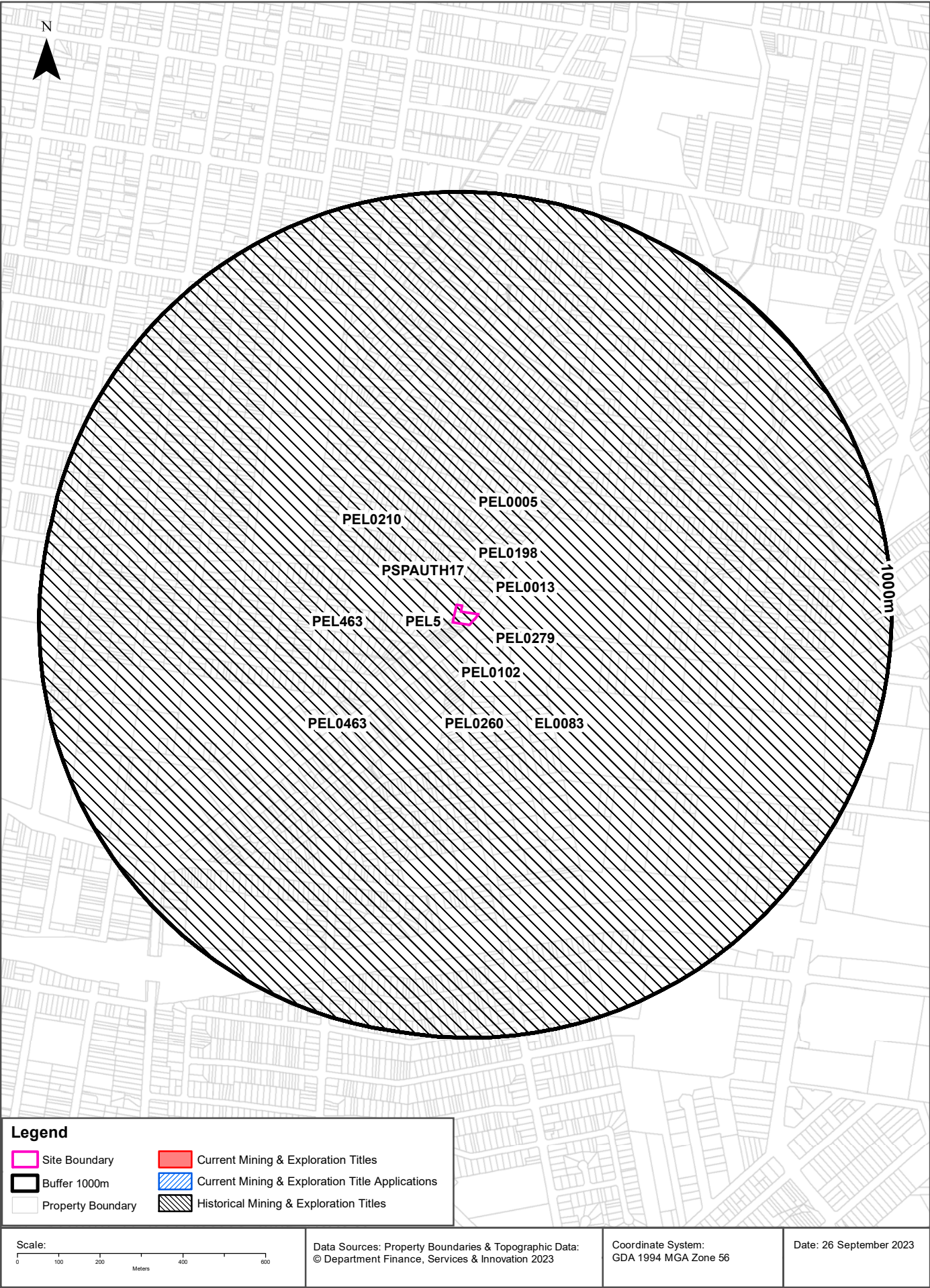
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Mining Subsidence Districts

Mining Subsidence Districts within the dataset buffer:

District	Distance	Direction
There are no Mining Subsidence Districts within the report buffer		

Mining Subsidence District Data Source: © Land and Property Information (2016)
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Mining

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Current Mining & Exploration Titles

Current Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Grant Date	Expiry Date	Last Renewed	Operation	Resource	Minerals	Dist	Dir
N/A	No records in buffer								

Current Mining & Exploration Titles Data Source: © State of New South Wales through NSW Department of Industry

Current Mining & Exploration Title Applications

Current Mining & Exploration Title Applications within the dataset buffer:

Application Ref	Applicant	Application Date	Operation	Resource	Minerals	Dist	Dir
N/A	No records in buffer						

Current Mining & Exploration Title Applications Data Source: © State of New South Wales through NSW Department of Industry

Mining

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Historical Mining & Exploration Titles

Historical Mining & Exploration Titles within the dataset buffer:

Title Ref	Holder	Start Date	End Date	Resource	Minerals	Dist	Dir
PEL0013	AUSTRALIAN OIL AND GAS CORPORATION LTD			PETROLEUM	Petroleum	0m	On-site
PEL0210	THE AUSTRALIAN GAS LIGHT COMPANY (AGL), NORTH BULLI COLLIERIES PTY LTD			PETROLEUM	Petroleum	0m	On-site
PEL0005	AGL UPSTREAM INVESTMENTS PTY LIMITED	19931111	20150403	PETROLEUM	Petroleum	0m	On-site
PEL0279	THE ELECTRICITY COMMISSION OF NSW (TRADING AS PACIFIC POWER)	19910504	19931111	PETROLEUM	Petroleum	0m	On-site
PEL0102	AUSTRALIAN OIL AND GAS CORPORATION LTD			PETROLEUM	Petroleum	0m	On-site
EL0083	CONTINENTAL OIL CO OF AUSTRALIA LIMITED	19670201	19680201	MINERALS		0m	On-site
PEL463	DART ENERGY (APOLLO) PTY LTD	20081022	20130227	MINERALS		0m	On-site
PEL5	AGL UPSTREAM INVESTMENTS PTY LIMITED	19931111	20011210	MINERALS		0m	On-site
PEL0198	JOHN STREVS (TERRIGAL) NL			PETROLEUM	Petroleum	0m	On-site
PSPAUTH17	MACQUARIE ENERGY PTY LTD	20070803	20080703	PETROLEUM	Petroleum	0m	On-site
PEL0260	NORTH BULLI COLLIERIES PTY LTD, AGL PETROLEUM OPERATIONS PTY LTD, THE AUSTRALIAN GAS LIGHT CO.	19810909	19930803	PETROLEUM	Petroleum	0m	On-site
PEL0463	DART ENERGY (APOLLO) PTY LTD	20091010	20150603	PETROLEUM	Petroleum	0m	On-site

Historical Mining & Exploration Titles Data Source: © State of New South Wales through NSW Department of Industry

State Environmental Planning Policy

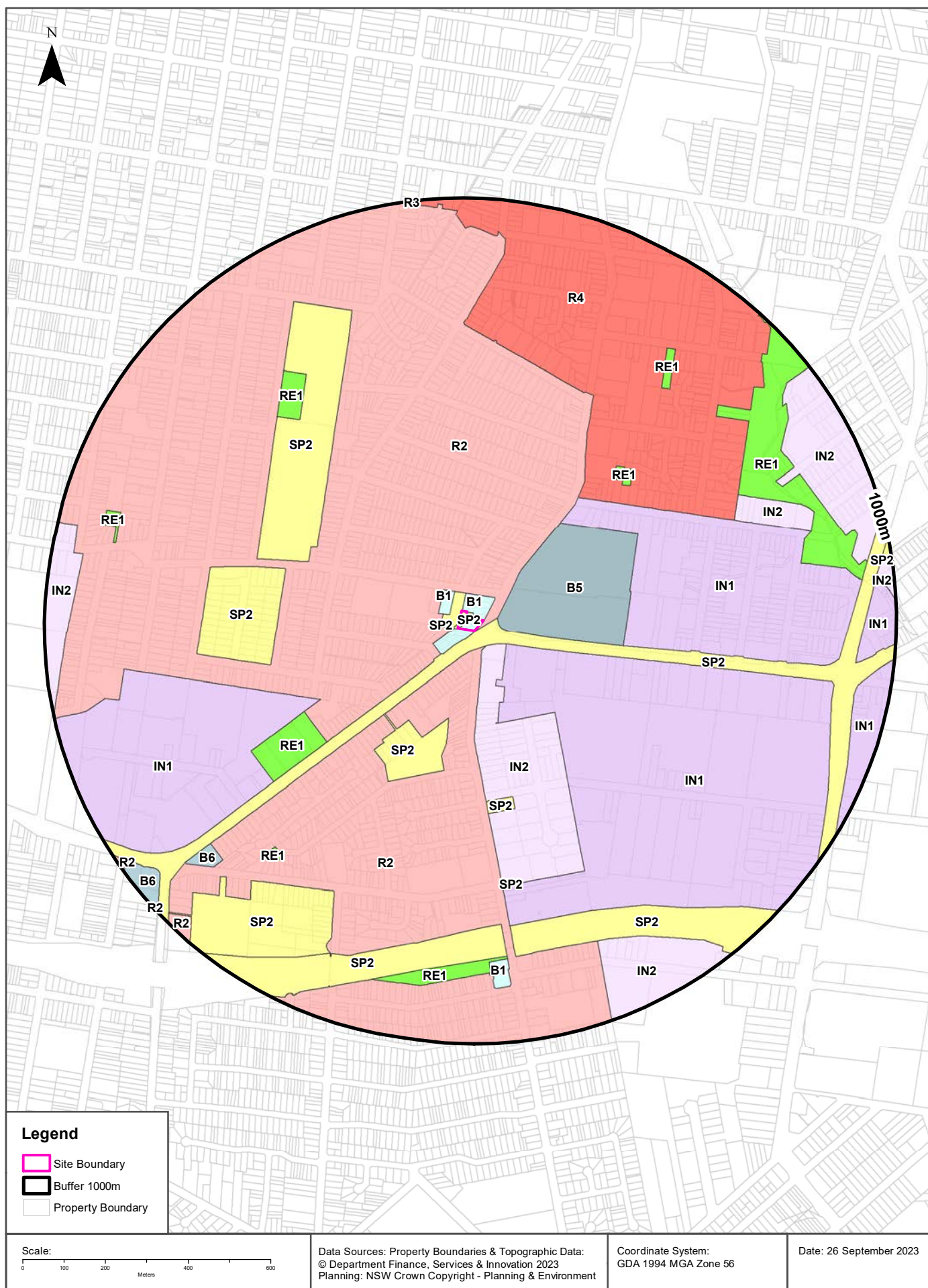
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State Significant Precincts

What SEPP State Significant Precincts exist within the dataset buffer?

Map Id	Precinct	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
N/A	No records in buffer							

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Environmental Planning Instrument

6 Chapel Street, Bankstown, NSW 2200

Land Zoning

What EPI Land Zones exist within the dataset buffer?

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
B1	Neighbourhood Centre		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		0m	On-site
SP2	Infrastructure	Road Infrastructure Facility	Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		0m	On-site
SP2	Infrastructure	Road Infrastructure Facility	Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		0m	South
R2	Low Density Residential		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		0m	North West
SP2	Infrastructure	Health Services Facility	Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		0m	North West
B1	Neighbourhood Centre		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		27m	North West
B5	Business Development		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		34m	East
R2	Low Density Residential		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		43m	South
IN2	Light Industrial		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		45m	South
IN1	General Industrial		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		78m	South East
SP2	Infrastructure	Educational Establishment	Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		217m	South West
IN1	General Industrial		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		300m	East
IN1	General Industrial		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		375m	South West
R4	High Density Residential		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		377m	North East
SP2	Infrastructure	Educational Establishment	Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		382m	North West
SP2	Infrastructure	Electricity Transmission or Distribution Network	Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		410m	South
RE1	Public Recreation		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		418m	South West
SP2	Infrastructure	Health Services Facility	Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		434m	West
RE1	Public Recreation		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		467m	North East
RE1	Public Recreation		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		608m	North West

Zone	Description	Purpose	EPI Name	Published Date	Commenced Date	Currency Date	Amendment	Distance	Direction
SP2	Infrastructure	Electricity Transmission or Distribution Network	Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		614m	South
IN2	Light Industrial		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		653m	East
RE1	Public Recreation		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		686m	North East
RE1	Public Recreation		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		690m	South West
SP2	Infrastructure	Educational Establishment	Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		703m	South West
RE1	Public Recreation		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		709m	North East
IN2	Light Industrial		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		782m	North East
RE1	Public Recreation		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		792m	South
B6	Enterprise Corridor		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		793m	South West
B1	Neighbourhood Centre		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		798m	South
IN2	Light Industrial		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		806m	South East
RE1	Public Recreation		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		853m	West
IN1	General Industrial		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		905m	East
IN1	General Industrial		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		913m	East
IN2	Light Industrial		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		924m	West
B6	Enterprise Corridor		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		932m	South West
R2	Low Density Residential		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		949m	South West
IN2	Light Industrial		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		953m	East
SP2	Infrastructure	Educational Establishment	Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		969m	East
R2	Low Density Residential		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		976m	South West
R3	Medium Density Residential		Canterbury-Bankstown Local Environmental Plan 2023	23/06/2023	23/06/2023	28/07/2023		990m	North

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Heritage

6 Chapel Street, Bankstown, NSW 2200

Commonwealth Heritage List

What are the Commonwealth Heritage List Items located within the dataset buffer?

Place Id	Name	Address	Place File No	Class	Status	Register Date	Distance	Direction
N/A	No records in buffer							

Heritage Data Source: Australian Government Department of the Environment and Energy - Heritage Branch
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National Heritage List

What are the National Heritage List Items located within the dataset buffer?

Note. Please click on Place Id to activate a hyperlink to online website.

Place Id	Name	Address	Place File No	Class	Status	Register Date	Distance	Direction
N/A	No records in buffer							

Heritage Data Source: Australian Government Department of the Environment and Energy - Heritage Branch
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State Heritage Register - Curtilages

What are the State Heritage Register Items located within the dataset buffer?

Map Id	Name	Address	LGA	Listing Date	Listing No	Plan No	Distance	Direction
N/A	No records in buffer							

Heritage Data Source: NSW Crown Copyright - Office of Environment & Heritage
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Environmental Planning Instrument - Heritage

What are the EPI Heritage Items located within the dataset buffer?

Map Id	Name	Classification	Significance	EPI Name	Published Date	Commenced Date	Currency Date	Distance	Direction
N/A	No records in buffer								

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Natural Hazards

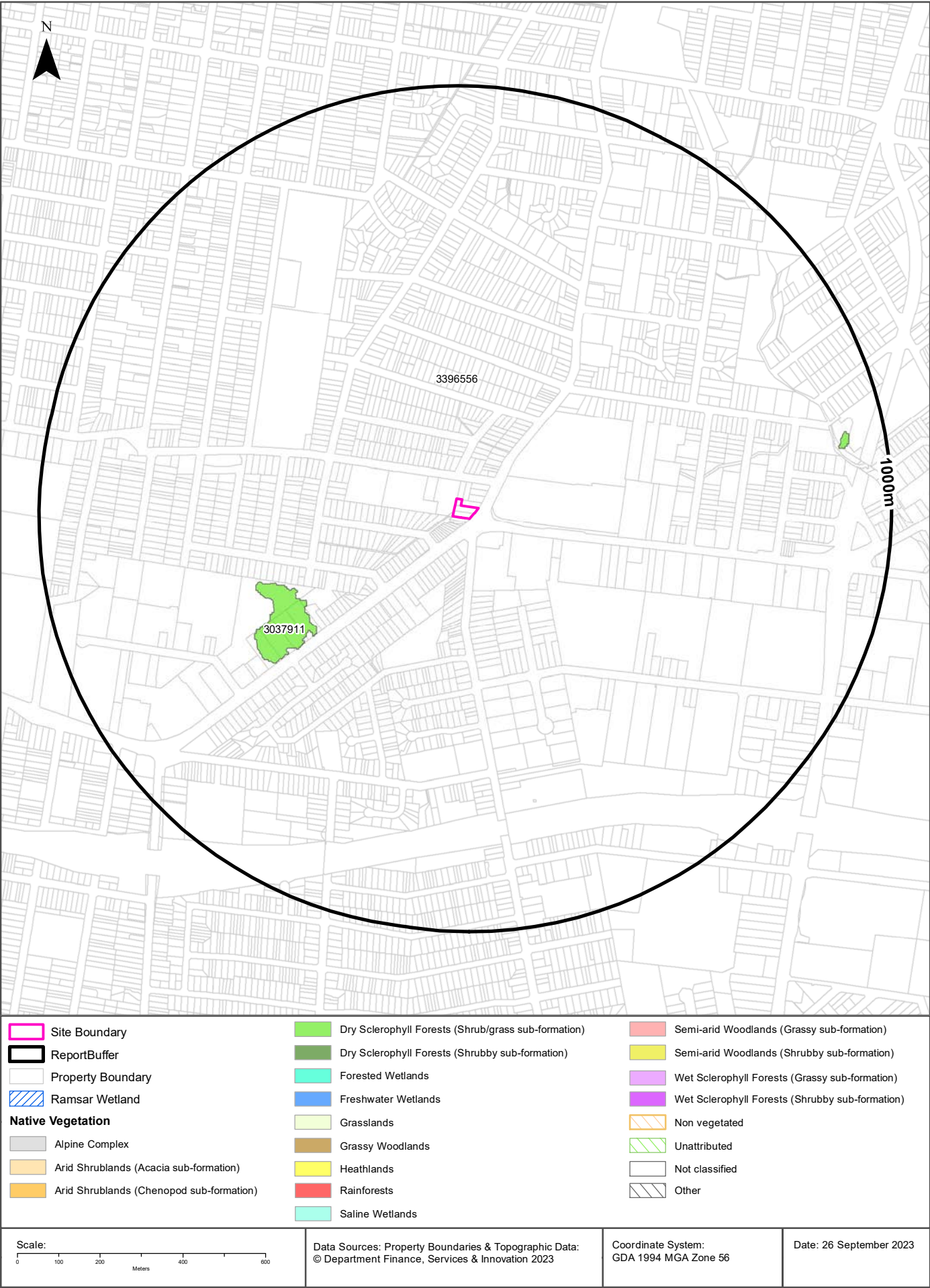
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Bush Fire Prone Land

What are the nearest Bush Fire Prone Land Categories that exist within the dataset buffer?

Bush Fire Prone Land Category	Distance	Direction
No records in buffer		

NSW Bush Fire Prone Land - © NSW Rural Fire Service under Creative Commons 4.0 International Licence



Ecological Constraints

6 Chapel Street, Bankstown, NSW 2200

Native Vegetation

What native vegetation exists within the dataset buffer?

Map ID	Vegetation Formation	Plant Community Type and Vegetation Formation	Vegetation Class	Dist	Dir
3396556	Not classified	(Not classified) Not classified	Not classified	0m	On-site
3037911	Dry Sclerophyll Forests (Shrub/grass sub-formation)	(Dry Sclerophyll Forests (Shrub/grass sub-formation)) Castlereagh Ironbark Forest	Cumberland Dry Sclerophyll Forests	408m	South West

Native Vegetation Type Map : NSW Department of Planning and Environment 2022

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Ramsar Wetlands

What Ramsar Wetland areas exist within the dataset buffer?

Map Id	Ramsar Name	Wetland Name	Designation Date	Source	Distance	Direction
N/A	No records in buffer					

Ramsar Wetlands Data Source: © Commonwealth of Australia - Department of Agriculture, Water and the Environment

Ecological Constraints

6 Chapel Street, Bankstown, NSW 2200

Groundwater Dependent Ecosystems Atlas

Type	GDE Potential	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
N/A	No records in buffer					

Groundwater Dependent Ecosystems Atlas Data Source: The Bureau of Meteorology

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Ecological Constraints

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Inflow Dependent Ecosystems Likelihood

Type	IDE Likelihood	Geomorphology	Ecosystem Type	Aquifer Geology	Distance	Direction
N/A	No records in buffer					

Inflow Dependent Ecosystems Likelihood Data Source: The Bureau of Meteorology

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Ecological Constraints

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NSW BioNet Atlas

Species on the NSW BioNet Atlas that have a NSW or federal conservation status, a NSW sensitivity status, or are listed under a migratory species agreement, and are within 10km of the site?

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Amphibia	Litoria aurea	Green and Golden Bell Frog	Endangered	Not Sensitive	Vulnerable	
Animalia	Amphibia	Pseudophryne australis	Red-crowned Toadlet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Actitis hypoleucos	Common Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA; CAMBA; JAMBA
Animalia	Aves	Anseranas semipalmata	Magpie Goose	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Anthochaera phrygia	Regent Honeyeater	Critically Endangered	Category 2	Critically Endangered	
Animalia	Aves	Apus pacificus	Fork-tailed Swift	Not Listed	Not Sensitive	Not Listed	ROKAMBA; CAMBA; JAMBA
Animalia	Aves	Ardenna tenuirostris	Short-tailed Shearwater	Not Listed	Not Sensitive	Not Listed	ROKAMBA; CAMBA; JAMBA
Animalia	Aves	Arenaria interpres	Ruddy Turnstone	Not Listed	Not Sensitive	Not Listed	ROKAMBA; CAMBA; JAMBA
Animalia	Aves	Artamus cyanopterus cyanopterus	Dusky Woodswallow	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Botaurus poiciloptilus	Australasian Bittern	Endangered	Not Sensitive	Endangered	
Animalia	Aves	Burhinus grallarius	Bush Stone-curlew	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Calidris acuminata	Sharp-tailed Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA; CAMBA; JAMBA
Animalia	Aves	Calidris ferruginea	Curlew Sandpiper	Endangered	Not Sensitive	Critically Endangered	ROKAMBA; CAMBA; JAMBA
Animalia	Aves	Calidris melanotos	Pectoral Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA; JAMBA
Animalia	Aves	Callocephalon fimbriatum	Gang-gang Cockatoo	Vulnerable	Category 3	Endangered	
Animalia	Aves	Calyptorhynchus banksii samueli	Red-tailed Black-Cockatoo (inland subspecies)	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Calyptorhynchus lathami lathami	South-eastern Glossy Black-Cockatoo	Vulnerable	Category 2	Vulnerable	
Animalia	Aves	Charadrius leschenaultii	Greater Sand-plover	Vulnerable	Not Sensitive	Vulnerable	ROKAMBA; CAMBA; JAMBA
Animalia	Aves	Circus assimilis	Spotted Harrier	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Climacteris picumnus victoriae	Brown Treecreeper (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Columba vitiensis godmanae	White-throated Pigeon (Lord Howe Is. subsp.)	Extinct	Not Sensitive	Extinct	
Animalia	Aves	Cuculus optatus	Oriental Cuckoo	Not Listed	Not Sensitive	Not Listed	ROKAMBA; CAMBA; JAMBA
Animalia	Aves	Cyanoramphus novaezelandiae subflavescens	Red-crowned Parakeet (Lord Howe Is. subsp.)	Presumed Extinct	Not Sensitive	Extinct	
Animalia	Aves	Daphoenositta chrysoptera	Varied Sittella	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Ephippiorhynchus asiaticus	Black-necked Stork	Endangered	Not Sensitive	Not Listed	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	Epthianura albigrons	White-fronted Chat	Endangered Population, Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Falco hypoleucos	Grey Falcon	Vulnerable	Category 2	Vulnerable	
Animalia	Aves	Falco subniger	Black Falcon	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Gallinago hardwickii	Latham's Snipe	Not Listed	Not Sensitive	Not Listed	ROKAMBA;JAMBA
Animalia	Aves	Glossopsitta pusilla	Little Lorikeet	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Haematopus longirostris	Pied Oystercatcher	Endangered	Not Sensitive	Not Listed	
Animalia	Aves	Haliaeetus leucogaster	White-bellied Sea-Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Hieraaetus morphnoides	Little Eagle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Hirundapus caudacutus	White-throated Needletail	Not Listed	Not Sensitive	Vulnerable	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Hydroprogne caspia	Caspian Tern	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	Ixobrychus flavicollis	Black Bittern	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Lathamus discolor	Swift Parrot	Endangered	Not Sensitive	Critically Endangered	
Animalia	Aves	Limosa lapponica	Bar-tailed Godwit	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Limosa lapponica baueri	Bar-tailed Godwit (baueri)	Not Listed	Not Sensitive	Vulnerable	
Animalia	Aves	Limosa limosa	Black-tailed Godwit	Vulnerable	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Lophochroa leadbeateri	Major Mitchell's Cockatoo	Vulnerable	Category 2	Not Listed	
Animalia	Aves	Lophoictinia isura	Square-tailed Kite	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Melithreptus gularis gularis	Black-chinned Honeyeater (eastern subspecies)	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Neochmia ruficauda	Star Finch	Presumed Extinct	Not Sensitive	Endangered	
Animalia	Aves	Neophema pulchella	Turquoise Parrot	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Ninox strenua	Powerful Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Numenius madagascariensis	Eastern Curlew	Not Listed	Not Sensitive	Critically Endangered	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Numenius phaeopus	Whimbrel	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Pachycephala olivacea	Olive Whistler	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pandion cristatus	Eastern Osprey	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Petroica boodang	Scarlet Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Petroica phoenicea	Flame Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Petroica rodinogaster	Pink Robin	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	Pezoporus wallicus wallicus	Eastern Ground Parrot	Vulnerable	Category 3	Not Listed	
Animalia	Aves	Philomachus pugnax	Ruff	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Pluvialis fulva	Pacific Golden Plover	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Pluvialis squatarola	Grey Plover	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	Polytelis anthopeplus monarchoides	Regent Parrot (eastern subspecies)	Endangered	Category 3	Vulnerable	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Aves	<i>Polytelis swainsonii</i>	Superb Parrot	Vulnerable	Category 3	Vulnerable	
Animalia	Aves	<i>Ptilinopus superbus</i>	Superb Fruit-Dove	Vulnerable	Not Sensitive	Not Listed	
Animalia	Aves	<i>Rostratula australis</i>	Australian Painted Snipe	Endangered	Not Sensitive	Endangered	
Animalia	Aves	<i>Sterna hirundo</i>	Common Tern	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	<i>Thalasseus bergii</i>	Crested Tern	Not Listed	Not Sensitive	Not Listed	JAMBA
Animalia	Aves	<i>Tringa glareola</i>	Wood Sandpiper	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	<i>Tringa nebularia</i>	Common Greenshank	Not Listed	Not Sensitive	Not Listed	ROKAMBA;CAMBA; JAMBA
Animalia	Aves	<i>Tyto novaehollandiae</i>	Masked Owl	Vulnerable	Category 3	Not Listed	
Animalia	Aves	<i>Tyto tenebricosa</i>	Sooty Owl	Vulnerable	Category 3	Not Listed	
Animalia	Gastropoda	<i>Meridolum corneovirens</i>	Cumberland Plain Land Snail	Endangered	Not Sensitive	Not Listed	
Animalia	Insecta	<i>Petalura gigantea</i>	Giant Dragonfly	Endangered	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Arctocephalus forsteri</i>	New Zealand Fur-seal	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Cercartetus nanus</i>	Eastern Pygmy-possum	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Chalinolobus dwyeri</i>	Large-eared Pied Bat	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	<i>Dasyurus maculatus</i>	Spotted-tailed Quoll	Vulnerable	Not Sensitive	Endangered	
Animalia	Mammalia	<i>Falsistrellus tasmaniensis</i>	Eastern False Pipistrelle	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Isodon obesulus obesulus</i>	Southern Brown Bandicoot (eastern)	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	<i>Micronomus norfolkensis</i>	Eastern Coastal Free-tailed Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Miniopterus australis</i>	Little Bent-winged Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Miniopterus orianae oceanensis</i>	Large Bent-winged Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Myotis macropus</i>	Southern Myotis	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Petaurus australis</i>	Yellow-bellied Glider	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Petaurus norfolkensis</i>	Squirrel Glider	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Petrogale penicillata</i>	Brush-tailed Rock-wallaby	Endangered	Not Sensitive	Vulnerable	
Animalia	Mammalia	<i>Phascogale tapoatafa</i>	Brush-tailed Phascogale	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Phascolarctos cinereus</i>	Koala	Endangered	Not Sensitive	Endangered	
Animalia	Mammalia	<i>Pseudomys novaehollandiae</i>	New Holland Mouse	Not Listed	Not Sensitive	Vulnerable	
Animalia	Mammalia	<i>Pteropus poliocephalus</i>	Grey-headed Flying-fox	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Mammalia	<i>Saccolaimus flaviventris</i>	Yellow-bellied Sheath-tail-bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Scoteanax rueppellii</i>	Greater Broad-nosed Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Mammalia	<i>Vespudelus trougtoni</i>	Eastern Cave Bat	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	<i>Caretta caretta</i>	Loggerhead Turtle	Endangered	Not Sensitive	Endangered	
Animalia	Reptilia	<i>Chelonia mydas</i>	Green Turtle	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Reptilia	<i>Hoplocephalus stephensii</i>	Stephens' Banded Snake	Vulnerable	Not Sensitive	Not Listed	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Animalia	Reptilia	<i>Suta flagellum</i>	Little Whip Snake	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	<i>Tiliqua occipitalis</i>	Western Blue-tongued Lizard	Vulnerable	Not Sensitive	Not Listed	
Animalia	Reptilia	<i>Uvidicolus sphyrurus</i>	Border Thick-tailed Gecko	Vulnerable	Not Sensitive	Vulnerable	
Animalia	Reptilia	<i>Varanus rosenbergi</i>	Rosenberg's Goanna	Vulnerable	Not Sensitive	Not Listed	
Fungi	Flora	<i>Hygrocybe austropratensis</i>		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	<i>Acacia bynoeana</i>	Bynoe's Wattle	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Acacia prominens</i>	Gosford Wattle	Endangered Population	Not Sensitive	Not Listed	
Plantae	Flora	<i>Acacia pubescens</i>	Downy Wattle	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Acacia terminalis</i> subsp. Eastern Sydney	Sunshine wattle	Endangered	Not Sensitive	Endangered	
Plantae	Flora	<i>Allocauarina diminuta</i> subsp. <i>mimica</i>		Endangered Population	Not Sensitive	Not Listed	
Plantae	Flora	<i>Allocauarina glareicola</i>		Endangered	Not Sensitive	Endangered	
Plantae	Flora	<i>Caesia parviflora</i> var. <i>minor</i>	Small Pale Grass-lily	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	<i>Caladenia tessellata</i>	Thick Lip Spider Orchid	Endangered	Category 2	Vulnerable	
Plantae	Flora	<i>Callistemon linearifolius</i>	Netted Bottle Brush	Vulnerable	Category 3	Not Listed	
Plantae	Flora	<i>Cymbidium canaliculatum</i>	Tiger Orchid	Not Listed	Category 2	Not Listed	
Plantae	Flora	<i>Deyeuxia appressa</i>		Endangered	Not Sensitive	Endangered	
Plantae	Flora	<i>Diuris aequalis</i>	Buttercup Doubletail	Endangered	Category 2	Vulnerable	
Plantae	Flora	<i>Endiandra hayesii</i>	Rusty Rose Walnut	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Epacris purpurascens</i> var. <i>purpurascens</i>		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	<i>Eucalyptus alligatrix</i> subsp. <i>alligatrix</i>		Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Eucalyptus camfieldii</i>	Camfield's Stringybark	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Eucalyptus nicholii</i>	Narrow-leaved Black Peppermint	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Eucalyptus scoparia</i>	Wallangarra White Gum	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Grammitis stenophylla</i>	Narrow-leaf Finger Fern	Endangered	Category 3	Not Listed	
Plantae	Flora	<i>Grevillea beadleana</i>	Beadle's Grevillea	Endangered	Category 3	Endangered	
Plantae	Flora	<i>Grevillea parviflora</i> subsp. <i>parviflora</i>	Small-flower Grevillea	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	<i>Hibbertia fumana</i>		Critically Endangered	Not Sensitive	Not Listed	
Plantae	Flora	<i>Hibbertia puberula</i>		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	<i>Hibbertia</i> sp. Bankstown		Critically Endangered	Not Sensitive	Critically Endangered	
Plantae	Flora	<i>Hibbertia stricta</i> subsp. <i>furcatula</i>		Endangered	Not Sensitive	Not Listed	
Plantae	Flora	<i>Isotoma fluviatilis</i> subsp. <i>fluviatilis</i>		Not Listed	Category 3	Extinct	
Plantae	Flora	<i>Leucopogon exolasius</i>	Woronora Beard-heath	Vulnerable	Not Sensitive	Vulnerable	

Kingdom	Class	Scientific	Common	NSW Conservation Status	NSW Sensitivity Class	Federal Conservation Status	Migratory Species Agreements
Plantae	Flora	Macadamia integrifolia	Macadamia Nut	Not Listed	Not Sensitive	Vulnerable	
Plantae	Flora	Macadamia tetraphylla	Rough-shelled Bush Nut	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Marsdenia viridiflora subsp. viridiflora	Native Pear	Endangered Population	Not Sensitive	Not Listed	
Plantae	Flora	Maundia triglochinos		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Melaleuca deanei	Deane's Paperbark	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Persoonia hirsuta	Hairy Geebung	Endangered	Category 3	Endangered	
Plantae	Flora	Persoonia nutans	Nodding Geebung	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Pimelea spicata	Spiked Rice-flower	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Pomaderris brunnea	Brown Pomaderris	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Pomaderris prunifolia	Plum-leaf Pomaderris	Endangered Population	Not Sensitive	Not Listed	
Plantae	Flora	Prostanthera saxicola		Endangered Population	Not Sensitive	Not Listed	
Plantae	Flora	Pterostylis gibbosa	Illawarra Greenhood	Endangered	Category 2	Endangered	
Plantae	Flora	Pterostylis saxicola	Sydney Plains Greenhood	Endangered	Category 2	Endangered	
Plantae	Flora	Pultenaea aristata	Prickly Bush-pea	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Pultenaea parviflora		Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Pultenaea pedunculata	Matted Bush-pea	Endangered	Not Sensitive	Not Listed	
Plantae	Flora	Rhodamnia rubescens	Scrub Turpentine	Critically Endangered	Not Sensitive	Critically Endangered	
Plantae	Flora	Syzygium moorei	Durobby	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Syzygium paniculatum	Magenta Lilly Pilly	Endangered	Not Sensitive	Vulnerable	
Plantae	Flora	Tetradlea glandulosa		Vulnerable	Not Sensitive	Not Listed	
Plantae	Flora	Tetradlea juncea	Black-eyed Susan	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Thesium australe	Austral Toadflax	Vulnerable	Not Sensitive	Vulnerable	
Plantae	Flora	Tylophora woollsii	Cryptic Forest Twiner	Endangered	Not Sensitive	Endangered	
Plantae	Flora	Wahlenbergia multicaulis	Tadgell's Bluebell	Endangered Population	Not Sensitive	Not Listed	
Plantae	Flora	Wilsonia backhousei	Narrow-leafed Wilsonia	Vulnerable	Not Sensitive	Not Listed	

Data does not include NSW category 1 sensitive species.

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Location Confidences

Where Lotsearch has had to georeference features from supplied addresses, a location confidence has been assigned to the data record. This indicates a confidence to the positional accuracy of the feature. Where applicable, a code is given under the field heading “LC” or “LocConf”. These codes lookup to the following location confidences:

LC Code	Location Confidence
Premise Match	Georeferenced to the site location / premise or part of site
Area Match	Georeferenced to an approximate or general area
Road Match	Georeferenced to a road or rail corridor
Road Intersection	Georeferenced to a road intersection
Buffered Point	A point feature buffered to x metres
Adjacent Match	Land adjacent to a georeferenced feature
Network of Features	Georeferenced to a network of features
Suburb Match	Georeferenced to a suburb boundary
As Supplied	Spatial data supplied by provider

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Appendix E

Historical Land Titles



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

Re: - 6 Chapel Street, Bankstown, NSW 2200

Description: - Lot 1 D.P. 655843, Lot 2 D.P. 655844 & Lot 8B D.P. 389749

As regards Lot 1 D.P. 655843

<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>
09.05.1912 (1912 to 1924)	Caroline Gertrude Hunt (Spinster) Amy Alice Hunt (Spinster) Lucy Ruth Violet Atkinson (Widow)	Volume 2251 Folios 113 to 115
06.01.1924 (1924 to 1935)	Emily Elizabeth Davies	Volume 2251 Folios 113 to 115
23.08.1935 (1935 to 1945)	William Arthur Selben (Bank Official) (Transmission Application not investigated)	Volume 2422 Folio 187 Now Volume 5484 Folio 231
11.10.1945 (1945 to 1952)	Cecil John Loveless (Second Hand Dealer) Constance Loveless (Married Woman)	Volume 5484 Folio 231
14.10.1952 (1952 to 1965)	Harold Vernon (Storekeeper) Mary Ann Vernon (Married Woman)	Volume 5484 Folio 231 Now Volume 7848 Folio 242
05.11.1965 (1965 to 2007)	Guiseppe Caristo (Bootmaker) Now Giuseppe Caristo	Volume 7848 Folio 242 Then Volume 15441 Folio 72 Now 1/655843
04.10.2007 (2007 to 2016)	Chris Kafataris Theodora Kafataris	1/655843
30.04.2016 (2016 to date)	# Loue and Mansour Pty Ltd # Tony Hanna & Sons Pty Ltd	7848-242

Denotes current registered proprietors

Easements: - NIL

Leases, excluding premises: -

- Various leases were found from 28th January 1927 that have since expired or have been surrendered, not investigated.
- 28.01.2010 (AF 275841) to Best Yet Dry Cleaners Pty Ltd, of Shop 4A/4-6 Chapel Road, expires 31.12.2012, also 3 year option.



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

As regards Lot 2 D.P. 655844

<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>
09.05.1912 (1912 to 1941)	Caroline Gertrude Hunt (Spinster) Amy Alice Hunt (Spinster) Lucy Ruth Violet Atkinson (Widow)	Volume 2251 Folios 113 to 115
31.01.1941 (1941 to 1944)	Amy Alice Hunt (Spinster)	Volume 2251 Folios 113 to 115 Now Volume 5292 Folio 57
30.06.1944 (1944 to 1946)	Jemima Douglas Jessup (Married Woman)	Volume 5292 Folio 57 Now Volume 5443 Folio 39
10.07.1946 (1946 to 1947)	Gordon Graham Douglas (Electrical Engineer)	Volume 5443 Folio 39
14.04.1947 (1947 to 1952)	William David Findlay (Storeman)	Volume 5443 Folio 39
20.10.1952 (1952 to 1954)	Petro Mercha (Labourer) Elfriede Mercha (Married Woman)	Volume 5443 Folio 39
30.04.1954 (1954 to 1965)	Harold Vernon (Storekeeper) Mary Ann Vernon (Married Woman)	Volume 5443 Folio 39
05.11.1965 (1965 to 2007)	Guiseppe Caristo (Bootmaker) Now Giuseppe Caristo	Volume 5443 Folio 39 Then Volume 13347 Folio 156 Now 2/655844
04.10.2007 (2007 to 2016)	Chris Kafataris Theodora Kafataris	2/655844
30.04.2016 (2016 to date)	# Loue and Mansour Pty Ltd # Tony Hanna & Sons Pty Ltd	2/655844

Denotes current registered proprietors

Easements: - NIL

Leases, excluding premises: -

- Various leases were found from 23rd May 1995 that have since expired or have been surrendered, not investigated.
- 28.01.2010 (AF 275841) to Best Yet Dry Cleaners Pty Ltd, of Shop 4A/4-6 Chapel Road, expires 31.12.2012, also 3 year option.



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

As regards Lot 8B D.P. 389749

<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>
09.05.1912 (1912 to 1941)	Caroline Gertrude Hunt (Spinster) Amy Alice Hunt (Spinster) Lucy Ruth Violet Atkinson (Widow)	Volume 2251 Folios 113 to 115
13.08.1941 (1941 to 1951)	Percy Joseph Eli Round (Plasterer)	Volume 2251 Folios 113 to 115 Now Volume 5265 Folio 137
30.04.1951 (1951 to 1954)	John Round (Plasterer)	Volume 5265 Folio 137
20.12.1954 (1954 to 1965)	Harold Vernon (Storekeeper) Mary Ann Vernon (Married Woman)	Volume 5265 Folio 137 Now Volume 6942 Folio 114
05.11.1965 (1965 to 2007)	Giuseppe Caristo (Bootmaker) Now Giuseppe Caristo	Volume 6942 Folio 114 Now 8B/655844
04.10.2007 (2007 to 2016)	Chris Kafataris Theodora Kafataris	8B/655844
30.04.2016 (2016 to date)	# Loue and Mansour Pty Ltd # Tony Hanna & Sons Pty Ltd	8B/655844

Denotes current registered proprietors

Leases, excluding premises: -

- Various leases were found from 28th January 2010 that have since expired or have been surrendered, not investigated.
- 28.01.2010 (AF 275841) to Best Yet Dry Cleaners Pty Ltd, of Shop 4A/4-6 Chapel Road, expires 31.12.2012, also 3 year option.

Yours Sincerely
Mark Groll
28 September 2023

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON
(Page 1) Vol. 15441 Fol. 72

NEW SOUTH WALES

CERTIFICATE OF TITLE

REAL PROPERTY ACT, 1900

TORRENS TITLE
Register

First Title : Old System

Prior Title : Vol. 7848 Fol. 242



SEE AUTO FOLIO

Vol. 15441 Fol. 72

ISSUED 21 4 1986

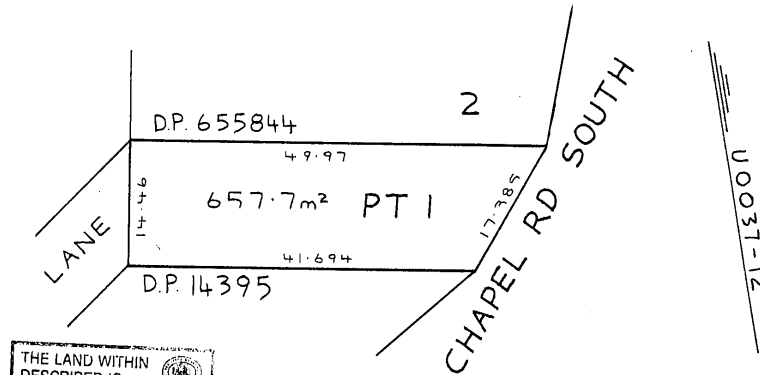
I certify that the person named in the First Schedule is the registered proprietor of an estate in fee simple (or such other estate or interest as is set out below) in the land described subject to the recordings appearing in the Second Schedule and to the provisions of the Real Property Act, 1900.

K. J. Williams
Registrar General.



PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES



THE LAND WITHIN
DESCRIBED IS
LOT 1 IN DP 655843

LAND REFERRED TO

The part of Lot 1 in DP10805 shown in the plan hereon in the City of Bankstown Parish of Bankstown and County of Cumberland.

FIRST SCHEDULE

GIUSEPPE CARISTO.

(W213690).

SECOND SCHEDULE

- Reservations and conditions in the Crown Grant.
- ~~T818295 Lease to George Ferizis and Helen Ferizis as joint tenants of premises known as 4A Chapel Road, Bankstown, together with and reserving rights. Expires 12-6-1986. Option of Renewal 3 years. W398821~~
- ~~T846361 Lease to Bernardette Clark and Merle-Frances Langshaw as tenants in common of 1st Floor premises known as No. 6 Chapel Road, Bankstown, together with and reserving rights. Expires 28-9-1986. Option of Renewal 2 years. W958376.~~
- ~~W104741 Lease to Andrew Anthony Hogan and Tara Catherine Hogan as joint tenants of premises known as 4 Chapel Road, Bankstown, together with and reserving rights. Expires 23-2-1988. Option of Renewal 2 years. Y16563~~
- ~~W213689 Lease to H and R Block Inc. of premises known as 4B Chapel Road, Bankstown, together with and reserving rights. Expires 12-11-1987. Option of Renewal 2 years. I 267343~~
- ~~T818295 Lease W213691. Transferred of Lease to David Corbet Plenty and Eric Raymond Sinfield as tenants in common in equal shares. cancelled W398821~~

DP 655843

Prepared : 17-3-1995

This plan has been created to provide a unique identifier to enable the issue of an Automated Torrens Title for the land comprised in folio of the Register

Volume 15441 Folio 72

Metric Conversion Chart

Feet Inches Metres

1/4	0.0064
1/2	0.0127
3/4	0.0190
1	0.0254
2	0.0508
3	0.0762
4	0.1016
5	0.1270
6	0.1524
7	0.1778
8	0.2032
9	0.2286
10	0.2540
11	0.2794
1	0.3048
50	15.24
100	30.48

Links	Metres
1/10	0.0201
1	0.2012
100	20.115

Areas

1 Perch (P)	25.29 m2
1 Rood (R)	1012 m2
1 Acre (A)	4047 m2
1 Hectare (Ha)	= 10,000 m2

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

N O O I D I B

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON
(Page 1) Vol 13347 Fol 156

NEW SOUTH WALES

CERTIFICATE OF TITLE

REAL PROPERTY ACT, 1900

TORRENS TITLE
Register

SEE AUTO FOLIO

First Title : Old System

Prior Title : Vol. 5443 Fol. 39



Vol 13347 Fol 156

ISSUED 21 4 1995

I certify that the person named in the First Schedule is the registered proprietor of an estate in fee simple (or such other estate or interest as is set out below) in the land described subject to the recordings appearing in the Second Schedule and to the provisions of the Real Property Act, 1900.

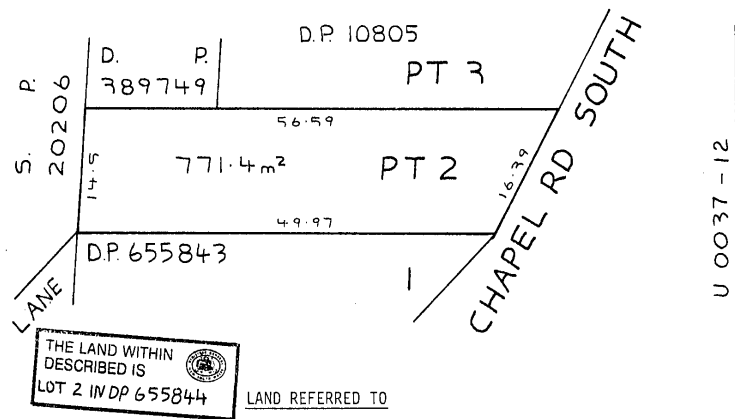
[Signature]

Registrar General.



PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES



The part of Lot 2 in D.P. 10805 shown in the plan hereon in the City of Bankstown Parish of Bankstown and County of Cumberland.

FIRST SCHEDULE

GIUSEPPE CARISTO.

(W213690)

SECOND SCHEDULE

- Reservations and conditions in the Crown Grant.
- ~~5477396 Lease to Totalitarian Agency Board of N.S.W. of premises known as 6A Chapel Road, Bankstown Expires 31-12-1985. Option of Renewal 5 years. Expired 8-7-1986~~
- ~~T846361 Lease to Bernardette Clark and Merle-Frances Langshaw as tenants in common, being 1st Floor of premises known as No. 6 Chapel Road, Bankstown, together with and reserving rights. Expires 28-9-1986. Option of Renewal 2 years W958376.~~
- ~~W104741 Lease to Andrew Anthony Hogan and Tara Catherine Hogan as joint tenants of shop premises known as 4 Chapel Road, Bankstown, together with and reserving rights. Expires 23-2-1988. Option of Renewal 2 years. Y16563~~
- ~~W213689 Lease to H and R Block Inc of shop premises known as 6B Chapel Road, Bankstown, together with and reserving rights. Expires 12-11-1987. Option of Renewal 2 years. I 269343~~

CANCELLED

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

DP 655844

Prepared : 20-3-1995

This plan has been created to provide a unique identifier to enable the issue of an Automated Torrens Title for the land comprised in folio of the Register

Volume 13347 Folio 156

Metric Conversion Chart

Feet Inches Metres

1/4	0.0064
1/2	0.0127
3/4	0.0190
1	0.0254
2	0.0508
3	0.0762
4	0.1016
5	0.1270
6	0.1524
7	0.1778
8	0.2032
9	0.2286
10	0.2540
11	0.2794
1	0.3048
50	15.24
100	30.48

Links Metres

1/10	0.0201
1	0.2012
100	20.115

Areas

1 Perch (P)	25.29 m2
1 Rood (R)	1012 m2
1 Acre (A)	4047 m2
1 Hectare (Ha)	10,000 m2



G 215975

F. P. 389749

Plan Form N°7 (for compilations)

Municipality of Bankstown
Shire

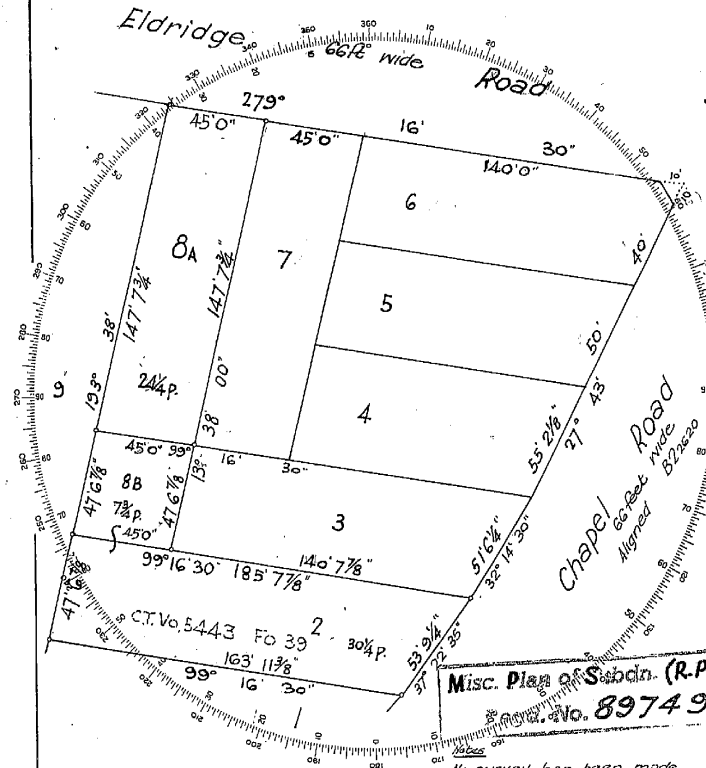
T.M.

PLAN

of subdivision of Lot 8 in Deposited Plan 10805

Parish of Bankstown, County of Cumberland

Scale 40 feet to an inch.



This Plan (which is also the Plan covered by my Certificate No. 4343, and dated 31/8/1954) was approved by The Council of the Municipality of Bankstown on the 27/8/1954.

Town Clerk P. 0805 & 7352(4)

MUNICIPALITY OF BANKSTOWN

No survey has been made. There are no improvements on or adjacent to the subdivisional line.

Note: Lot 8B is to be added to and consolidated with lot 2 adjoining.

I certify that this plan has been compiled from the information in

and is correct.

5th July, 1954

Misc. Plan of Subdn. (R.P.)
No. 89749

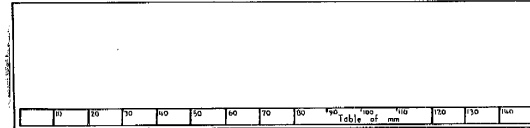
This is the plan marked "A" referred to in Memorandum of Transfer Dated 28th December 1954.

CONVERSION TABLE ADDED IN DEPARTMENT OF LANDS

DP 389749

FEET INCHES	METRES
10 -	3.048
40 -	12.192
45 -	13.716
47 6 7/8	14.900
50 -	15.240
51 6 1/4	15.704
53 9 1/4	16.389
55 2 1/8	16.818
55 2 1/4	16.821
66 -	20.117
140 -	42.672
140 7 7/8	42.872
147 7 3/4	45.002
163 11 3/8	49.971
185 7 7/8	56.588
1855 7 7/8	565.604

AC RD P	SQ M
- - 7 3/4	196
- - 24 1/4	613.4
- - 30 1/4	765.1



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 3rd day of April, 1979

1

CERTIFICATE OF TITLE

NEW SOUTH WALES

REAL PROPERTY ACT, 1900



15441072

First Title : Old System

Prior Title : Vol. 7848 Fol. 242



CANCELLED

Vol. 15441 Fol. 72

EDITION 21
ISSUED 4 1986

SEE AUTO FOLIO

I certify that the person named in the First Schedule is the registered proprietor of an estate in fee simple (or such other estate or interest as is set out below) in the land described subject to the recordings appearing in the Second Schedule and to the provisions of the Real Property Act, 1900.

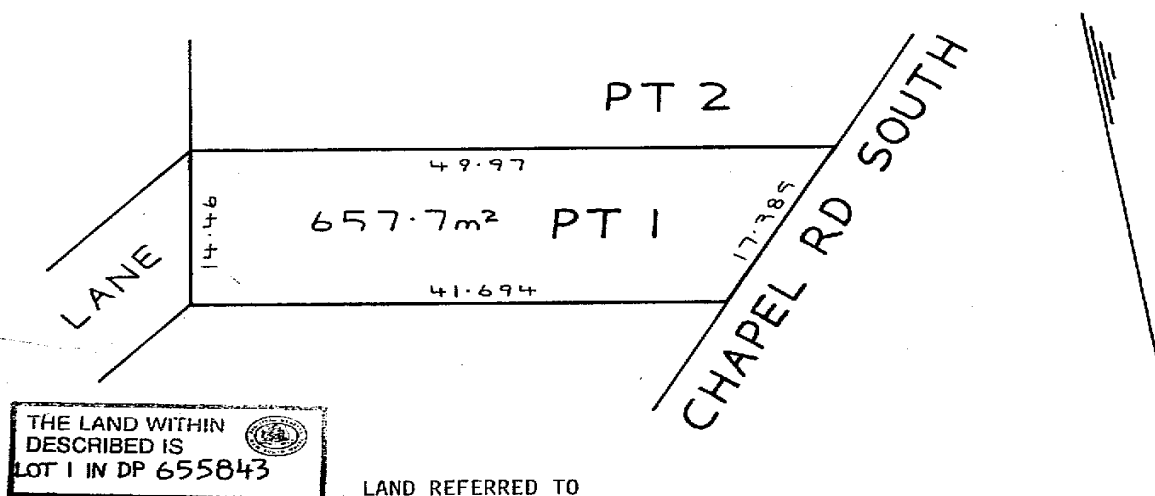
R. J. Williams

Registrar General.



PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES



LAND REFERRED TO

The part of Lot 1 in DP10805 shown in the plan hereon in the City of Bankstown Parish of Bankstown and County of Cumberland.

FIRST SCHEDULE

GIUSEPPE CARISTO.

(W213690).

SECOND SCHEDULE

1. Reservations and conditions in the Crown Grant.
2. ~~T818295 Lease to George Ferizis and Helen Ferizis as joint tenants of premises known as 4A Chapel Road, Bankstown, together with and reserving rights. Expires 12-6-1986. Option of Renewal 3 years. W398821~~
3. ~~T846361 Lease to Bernardette Clark and Merle Frances Langshaw as tenants in common of 1st Floor premises known as No. 6 Chapel Road, Bankstown, together with and reserving rights. Expires 28-9-1986. Option of Renewal 2 years. W958376.~~
4. ~~W104741 Lease to Andrew Anthony Hogan and Tara Catherine Hogan as joint tenants of premises known as 4 Chapel Road, Bankstown, together with and reserving rights. Expires 23-2-1988. Option of Renewal 2 years. Y16563~~
5. ~~W213689 Lease to H and R Block Inc. of premises known as 18B Chapel Road, Bankstown, together with and reserving rights. Expires 12-1-1987. Option of Renewal 2 years. I 269343~~
6. ~~T818295 Lease W213691. Transfer of Lease to David Corbet Plenty and Eric Raymond Sinfield as tenants in common in equal shares. cancelled W398821~~

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON
(Page 1) Vol. 15441 Fol. 72

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

40628-4036

FIRST SCHEDULE (continued)
 REGISTERED PROPRIETOR

Registrar General

CANCELLED

SEE AUTO FOLIO

SECOND SCHEDULE (continued)

PARTICULARS

Registrar General

CANCELLATION

W398821 Lease to David Corbet Plenty and Eric Raymond Sinfield as tenants in common in equal shares of shop premises known as 4A Chapel Road Bankstown. Expires 12-6-1989 with an option of renewal for 2 years. Registered 8-7-1986.

~~W958376 Lease to Bernadette Clark and Merle Frances Langshaw of premises being No.6 Chapel Road, Bankstown comprising 1st Floor. Expires 28.9.1989 with Option of Renewal of 2 years. Registered 9.7.1987.~~

~~W398821 Lease. X7411 Transfer of Lease to Eric Raymond Sinfield. Registered 10.8.1987.~~

W398821 Lease. X7411 Transfer of Lease to Eric Raymond Sinfield. Registered 10.8.1987. Registered 10.2.1989.

Y16563 Lease to Andrew Anthony Hogan and Tara Catherine Hogan as joint tenants of premises known as 4 Chapel road, Bankstown. Expires 23/6/1991. Option of renewal for 2 years. Registered 10.2.1989.

2693395 Lease to Bernadette Clark & Merle Frances Langshaw of premises being No 6 Chapel Rd. Bankstown, comprising 1st floor area, together with & reserving rights. Expires 30.9.1993. Option of renewal 2 years. Registered 13.6.1991.

I 269343 Lease to H & R Block Inc of shop premises known as 6B Chapel Road Bankstown. Expires 31-12-1995. Option of renewal 2 years. Registered 27-4-1993.

BLOCK

2693395

NOTATIONS AND UNREGISTERED DEALINGS

W398821 L
 (12-6-89)
 W958376 L (R)
 X7411 T L R
 Y16563 L
 30-9-93
 2693395 L R
 I 269343 L R



SEARCH DATE

28/9/2023 6:08AM

FOLIO: 1/655843

First Title(s): OLD SYSTEM

Prior Title(s): VOL 15441 FOL 72

Recorded	Number	Type of Instrument	C.T. Issue
20/3/1995		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
23/5/1995	0251640	LEASE	EDITION 1
12/7/1999	5976050	LEASE	EDITION 2
15/6/2004	AA716951	LEASE	EDITION 3
30/1/2006	AC76365	LEASE	EDITION 4
20/4/2007	AD65256	LEASE	EDITION 5
4/10/2007	AD455688	TRANSFER	EDITION 6
28/1/2010	AF275841	LEASE	EDITION 7
4/5/2013	AH704040	MORTGAGE	EDITION 8
13/6/2014	AI656407	LEASE	
13/6/2014	AI656413	LEASE	EDITION 9
30/4/2016	AK391869	DISCHARGE OF MORTGAGE	
30/4/2016	AK391870	TRANSFER	
30/4/2016	AK391871	MORTGAGE	EDITION 10
24/9/2018	AN733525	DEPARTMENTAL DEALING	EDITION 11 CORD ISSUED
26/2/2020	AP915670	LEASE	
26/2/2020	AP915671	LEASE	EDITION 12 CORD ISSUED
24/12/2021	AR771668	DISCHARGE OF MORTGAGE	
24/12/2021	AR771669	MORTGAGE	EDITION 13
8/6/2022	AS194971	LEASE	
8/6/2022	AS194972	LEASE	EDITION 14

*** END OF SEARCH ***

Form: 01T
Licence: 01-05-025
Licensee: Shanahans Solicitors

3

TRANSFER

New South Wales
Real Property Act 1900

AD455688P

PRIVACY NOTE: Section 31B of the Real Property Act 1900 (RP Act) authorises the Registrar General to collect the information required by this form for the establishment and maintenance of the Real Property Act Register. Section 96B RP Act requires that the Register is made available to any person for search upon payment of a fee, if any.

STAMP DUTY

Office of State Revenue use only

Office of State Revenue

NSW Treasury

Client No: 1051545

715

Duty: \$109,244 Trans No: 4594279

Asst details: CIT

(A) TORRENS TITLE

If appropriate, specify the part transferred
1/655843, 2/655844 & 8B/389749

(B) LODGED BY

Delivery
Box

Name, Address or DX and Telephone

644B

PITCON PTY LTD

LLPN 1234725

Reference (optional): T/S

CODES

T

TW

(Sheriff)

(C) TRANSFEROR

Giuseppe Caristo

(D) CONSIDERATION

The transferor acknowledges receipt of the consideration of \$2,250,000.00 and as regards

(E) ESTATE

the land specified above transfers to the transferee an estate in fee simple.

(F) SHARE

TRANSFERRED

(G)

Encumbrances (if applicable):

(H) TRANSFEREE

Chris Kafataris and Theodora Kafataris

(I)

TENANCY: Joint Tenants

DATE 28 SEPTEMBER 2007

(J) I certify that the person(s) signing opposite, with whom I am personally acquainted or as to whose identity I am otherwise satisfied, signed this instrument in my presence.

Signature of witness:

Name of witness:

Address of witness:

JOSEPH PETER DOMINELLO
1 LAKE SIDE RD
EAST WOOD

Certified correct for the purposes of the Real Property Act 1900 by the transferor.

Signature of transferor:

Certified correct for the purposes of the Real Property Act 1900 by the person whose signature appears below.

Signature:

Signatory's name:

Peter Ronis

Signatory's capacity:

Solicitor for the Transferee

Waive registration - minor discrepancies

8.05B1



FOLIO: 1/655843

SEARCH DATE	TIME	EDITION NO	DATE
28/9/2023	6:08 AM	14	8/6/2022

LAND

LOT 1 IN DEPOSITED PLAN 655843
LOCAL GOVERNMENT AREA CANTERBURY-BANKSTOWN
PARISH OF BANKSTOWN COUNTY OF CUMBERLAND
TITLE DIAGRAM DP655843

FIRST SCHEDULE

LOUE AND MANSOUR PTY LTD
TONY HANNA & SONS PTY LTD
AS TENANTS IN COMMON IN EQUAL SHARES

(T AK391870)

SECOND SCHEDULE (6 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 AF275841 LEASE TO BEST YET DRY CLEANERS PTY LTD OF SHOP
4A/4-6 CHAPEL ROAD, BANKSTOWN. EXPIRES: 31/12/2012.
OPTION OF RENEWAL: 3 YEARS.
- 3 AP915671 LEASE TO BIG CATCH FISHING TACKLE PTY LIMITED OF
SHOP 6A/4-6 CHAPEL RD, BANKSTOWN. EXPIRES: 31/7/2022.
- 4 AR771669 MORTGAGE TO NATIONAL AUSTRALIA BANK LIMITED
- 5 AS194971 LEASE TO FORZA BANKSTOWN PTY LTD BEING SHOP 6, 4 - 6
CHAPEL ROAD BANKSTOWN. EXPIRES: 14/3/2025. OPTION OF
RENEWAL: 3 YEARS.
- 6 AS194972 LEASE TO GSL TRADING CO PTY LIMITED 4/4 - 6 CHAPEL
ROAD BANKSTOWN. EXPIRES: 4/4/2027. OPTION OF RENEWAL:
5 YEARS.

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

NEW SOUTH WALES

CERTIFICATE OF TITLE

REAL PROPERTY ACT, 1900

TORRENS TITLE

Register

CANCELLED
Vol. **13347** Fol. **156**
See new edition

Appln. No. 13949

Prior Title Vol. 5443 Fol. 39



EDITION ISSUED

17 6 1977

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.

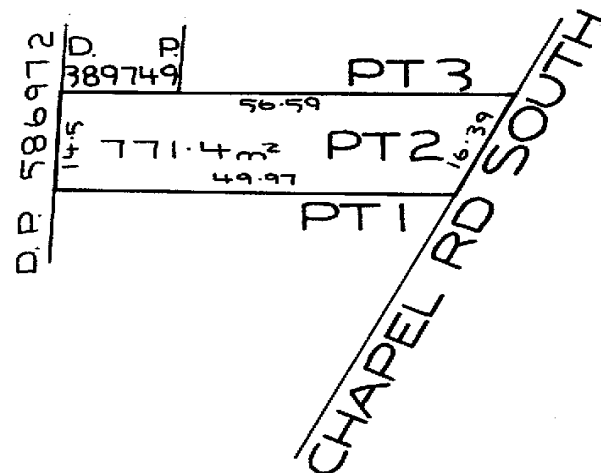
[Signature]

Registrar General.



PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES



Q147138 *[Signature]*

REDUCTION RATIO 1:800

ESTATE AND LAND REFERRED TO

Estate in Fee Simple in the part of Lot 2 in Deposited Plan 10805 shown in the plan hereon in the Municipality of Bankstown Parish of Bankstown and County of Cumberland being part of Portion 51 granted to George Morris on 19-10-1831.

FIRST SCHEDULE

~~GIUSEPPE GARIBOLDI~~ Chipping Norton, Bootmaker.

SECOND SCHEDULE

1. Reservations and conditions, if any, contained in the Crown Grant above referred to.
- ~~2. Q147138 Lease to Peter Lagoutaras of Bankstown, Shopkeeper and Toula Lagoutaras his wife of premises known as 4A Chapel Road, Bankstown. Expires 18-5-1980. 4846361 Expired 28-11-1983~~

FIRST SCHEDULE (continued)

	REGISTERED PROPRIETOR	INSTRUMENT			ENTERED	Signature of Registrar General
		NATURE	NUMBER	DATE		
See new edition	Giuseppe Caristo by Request W213690. Registered 6-3-1986.					
	CANCELLED See new edition issued <u>21.4.1986</u> <i>Vide W213689</i> 					

CANCELLED

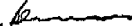
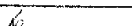
See new edition issued 21.4.1966

VIDE W 213680



Q261016 Lx
(pump)
S477396 L
(6A CHANEL RD)
T577065 L
(Schock GB)
P846361 L
W104741 L
W213689 L
of Lannos
W213681 L
(see page 99)
(DOES NOT APPLY)
W211670 L

SECOND SCHEDULE (continued)

INSTRUMENT			PARTICULARS	ENTERED	Signature of Registrar General	CANCELLATION		
NATURE	NUMBER	DATE						
Lease	Q261016		of premises known as lock-up shop No. 6A Chapel Road, South Bankstown to Totalizator Agency Board N.S.W. Expiry Date 31-12-1980.	4-7-1977		Expired	27-5-1981	
Lease	R253559		of premises known as 6B Chapel Road, Bankstown to Robert Peter Andrews and Mildford, Shopkeeper and Denise Davlyn Andrews his wife as joint tenants. Expires 15-10-1981.	10-7-1979		Expired	9-6-1983	
S477396	Lease to Totalizator Agency Board of N.S.W. of premises known as 6A Chapel Road, South Bankstown together with Option of Renewal. Expires 31-12-1985. Registered 27-5-1981							
T577085	Lease to H. & R. Block Inc. of premises being Shop 6B Chapel Road, Bankstown, together with an Option of Renewal. Expires 12-11-1984. registered 9-6-1983					Expired	6-3-1986	
T846361	Lease to Bernardette Clark and Merle Frances Langshaw as tenants in common, of premises being 1st Floor premises known as No. 6 Chapel Road, Bankstown, together with and reserving rights with option of renewal, expires 28-9-1986. Registered 28-11-1983							
W104741	Lease to Andrew Anthony Hogan and Tara Catherine Hogan as joint tenants of shop premises 4 Chapel Road, Bankstown, together with and reserving rights. Expires 23-2-1988 with an option of renewal 2 years. Registered 6-3-1986.							
W213689	Lease to H & R Block Inc. of shop premises known as 6B Chapel Road, Bankstown, together with and reserving rights. Expires 12-11-1987 with an option of renewal 2 years. Registered 6-3-1986.							
T818295	Lease W213691 Transfer of Lease to David Corbett, Plenty and Eric Raymond Simfield as tenants in common.							

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

10.3.88

CANCELLED

CERTIFICATE OF TITLE

NEW SOUTH WALES

REAL PROPERTY ACT, 1900

TORRENS TITLE
Register

SEE AUTO FOLIO

First Title : Old System

Prior Title : Vol. 5443 Fol. 39

Vol. 13347 Fol. 156

EDITION
ISSUED 21 4 1986



I certify that the person named in the First Schedule is the registered proprietor of an estate in fee simple (or such other estate or interest as is set out below) in the land described subject to the recordings appearing in the Second Schedule and to the provisions of the Real Property Act, 1900.

R. G. Williams

Registrar General.

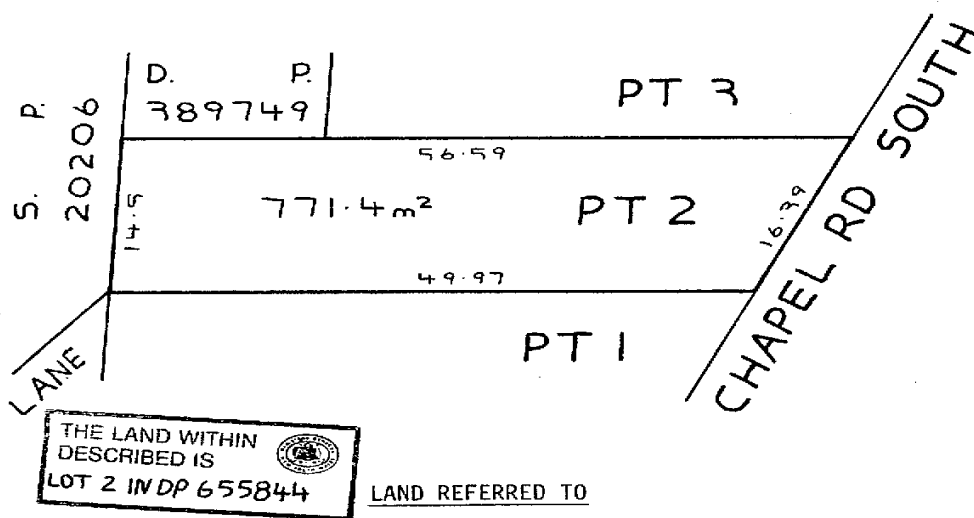


PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES



13347156



The part of Lot 2 in D.P. 10805 shown in the plan hereon in the City of Bankstown Parish of Bankstown and County of Cumberland.

FIRST SCHEDULE

GIUSEPPE CARISTO.

(W213690)

SECOND SCHEDULE

1. Reservations and conditions in the Crown Grant.
2. ~~S477396 Lease to Totalitarian Agency Board of N.S.W. of premises known as 6A Chapel Road, Bankstown, Expires 31-12-1985. Option of Renewal 5 years. Expired 8-7-1986~~
3. ~~T846361 Lease to Bernardette Clark, Merle Frances Langshaw as tenants in common, being 1st Floor of premises known as No. 6 Chapel Road, Bankstown, together with and reserving rights. Expires 28-9-1986. Option of Renewal 2 years W958376.~~
4. ~~W104741 Lease to Andrew Anthony Hogan and Tara Catherine Hogan as joint tenants of shop premises known as 4 Chapel Road, Bankstown, together with and reserving rights. Expires 23-2-1988. Option of Renewal 2 years. Y16563~~
5. ~~W213689 Lease to H and R Block Inc of shop premises known as 6B Chapel Road, Bankstown, together with and reserving rights. Expires 12-11-1987. Option of Renewal 2 years. I 269343~~

40828-4036

FIRST SCHEDULE (continued)
 REGISTERED PROPRIETOR

Registrar General

CANCELLED

SEE AUTO FOLIO

SECOND SCHEDULE (continued)

PARTICULARS

Registrar General

CANCELLATION

~~W398820 Lease to Totalizator Agency Board of lock up shop known as 6A Chapel Road Bankstown. Expires 31-12-1990 with an option of renewal for 5 years. Registered 8-7-1986~~



2459778

W398821 Lease to David Corbet Plenty and Eric Raymond Sinfield as tenants in common in equal shares of shop premises known as 4A Chapel Road Bankstown. Expires 12-6-1989 with an option of renewal for 2 years. Registered 8-7-1986.



~~W958376 Lease to Bernadette Clark and Merle Frances Langshaw of premises being No.6 Chapel Road, Bankstown comprising 1st Floor. Expires 28-9-1989 with Option of Renewal of 2 years. Registered 9-7-1987.~~



2693395

~~W398821 Lease. X7411 Transfer of Lease to Eric Raymond Sinfield. Registered 10-8-1987.~~



W398821 Lease. X7411 Transfer of Lease to Eric Raymond Sinfield. Registered 10-8-1987.

Y16563 Lease to Andrew Anthony Hogan and Tara Catherine Hogan as joint tenants of premises known as 4 Chapel road, Bankstown. Expires 23/6/1991. Option of renewal for 2 years. Registered 10.2.1989.



2459778 Lease to Totalizator Agency Board of Premises being lock-up shop 6A Chapel Road Bankstown together with and reserving rights. Option of Renewal 5 yrs. Expires 31-12-1995. Registered 8-2-1991



2693395 Lease to Bernadette Clark & Merle Frances Langshaw of premises being No.6 Chapel Rd. Bankstown. Comprising 1st floor area, together with & reserving rights. Expires 30.9.1993. Option of Renewal 2 years. Registered 13-6-1991



I 269343 lease to H E R. Block Inc. of shop premises known as 6B Chapel Road, Bankstown. Expires 31-12-1995. Option of renewal 2 years. Registered 27-4-1993



NOTATIONS AND UNREGISTERED DEALINGS

W398820 (144)
 - 31-12-1990
 (144 403)
 W398821 (2)
 X-7411 T.L.R.
 Y16563
 shop 4
 2459778
 2693395
 I269343 (2)



SEARCH DATE

28/9/2023 6:08AM

FOLIO: 2/655844

First Title(s): OLD SYSTEM

Prior Title(s): VOL 13347 FOL 156

Recorded -----	Number -----	Type of Instrument -----	C.T. Issue -----
21/3/1995		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
23/5/1995	0251640	LEASE	EDITION 1
28/6/1996	2266693	LEASE	EDITION 2
29/3/2000	6678361	LEASE	EDITION 3
29/3/2000	6679441	DEPARTMENTAL DEALING	EDITION 4
10/5/2000	6769282	LEASE	EDITION 5
13/8/2001	7847070	LEASE	EDITION 6
30/1/2006	AC76365	LEASE	EDITION 7
6/10/2006	AC602731	LEASE	EDITION 8
4/10/2007	AD455688	TRANSFER	EDITION 9
28/1/2010	AF275841	LEASE	EDITION 10
4/5/2013	AH704040	MORTGAGE	EDITION 11
13/6/2014	AI656407	LEASE	EDITION 12
13/6/2014	AI656413	LEASE	
30/4/2016	AK391869	DISCHARGE OF MORTGAGE	EDITION 13
30/4/2016	AK391870	TRANSFER	
30/4/2016	AK391871	MORTGAGE	
24/9/2018	AN733525	DEPARTMENTAL DEALING	EDITION 14 CORD ISSUED
26/2/2020	AP915670	LEASE	EDITION 15 CORD ISSUED
26/2/2020	AP915671	LEASE	
24/12/2021	AR771668	DISCHARGE OF MORTGAGE	EDITION 16
24/12/2021	AR771669	MORTGAGE	

END OF PAGE 1 - CONTINUED OVER

SEARCH DATE

28/9/2023 6:08AM

FOLIO: 2/655844

PAGE 2

Recorded -----	Number -----	Type of Instrument -----	C.T. Issue -----
8/6/2022	AS194971	LEASE	
8/6/2022	AS194972	LEASE	EDITION 17

*** END OF SEARCH ***



FOLIO: 2/655844

SEARCH DATE	TIME	EDITION NO	DATE
28/9/2023	6:08 AM	17	8/6/2022

LAND

LOT 2 IN DEPOSITED PLAN 655844
LOCAL GOVERNMENT AREA CANTERBURY-BANKSTOWN
PARISH OF BANKSTOWN COUNTY OF CUMBERLAND
TITLE DIAGRAM DP655844

FIRST SCHEDULE

LOUE AND MANSOUR PTY LTD
TONY HANNA & SONS PTY LTD
AS TENANTS IN COMMON IN EQUAL SHARES

(T AK391870)

SECOND SCHEDULE (5 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 AP915671 LEASE TO BIG CATCH FISHING TACKLE PTY LIMITED OF
SHOP 6A/4-6 CHAPEL RD, BANKSTOWN. EXPIRES: 31/7/2022.
- 3 AR771669 MORTGAGE TO NATIONAL AUSTRALIA BANK LIMITED
- 4 AS194971 LEASE TO FORZA BANKSTOWN PTY LTD BEING SHOP 6, 4 - 6
CHAPEL ROAD BANKSTOWN. EXPIRES: 14/3/2025. OPTION OF
RENEWAL: 3 YEARS.
- 5 AS194972 LEASE TO GSL TRADING CO PTY LIMITED 4/4 - 6 CHAPEL
ROAD BANKSTOWN. EXPIRES: 4/4/2027. OPTION OF RENEWAL:
5 YEARS.

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***



SEARCH DATE

28/9/2023 6:08AM

FOLIO: 8B/389749

First Title(s): SEE PRIOR TITLE(S)

Prior Title(s): VOL 6942 FOL 114

Recorded	Number	Type of Instrument	C.T. Issue
2/9/1989		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
12/12/1989		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
4/10/2007	AD455688	TRANSFER	EDITION 1
28/1/2010	AF275841	LEASE	EDITION 2
4/5/2013	AH704040	MORTGAGE	EDITION 3
13/6/2014	AI656407	LEASE	
13/6/2014	AI656413	LEASE	EDITION 4
30/4/2016	AK391869	DISCHARGE OF MORTGAGE	
30/4/2016	AK391870	TRANSFER	
30/4/2016	AK391871	MORTGAGE	EDITION 5
24/9/2018	AN733525	DEPARTMENTAL DEALING	EDITION 6 CORD ISSUED
26/2/2020	AP915670	LEASE	
26/2/2020	AP915671	LEASE	EDITION 7 CORD ISSUED
21/12/2021	AR752695	DISCHARGE OF MORTGAGE	EDITION 8
24/12/2021	AR771669	MORTGAGE	EDITION 9
8/6/2022	AS194971	LEASE	
8/6/2022	AS194972	LEASE	EDITION 10

*** END OF SEARCH ***



FOLIO: 8B/389749

SEARCH DATE	TIME	EDITION NO	DATE
28/9/2023	6:08 AM	10	8/6/2022

LAND

LOT 8B IN DEPOSITED PLAN 389749
LOCAL GOVERNMENT AREA CANTERBURY-BANKSTOWN
PARISH OF BANKSTOWN COUNTY OF CUMBERLAND
TITLE DIAGRAM DP389749

FIRST SCHEDULE

LOUE AND MANSOUR PTY LTD
TONY HANNA & SONS PTY LTD
AS TENANTS IN COMMON IN EQUAL SHARES

(T AK391870)

SECOND SCHEDULE (5 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 AP915671 LEASE TO BIG CATCH FISHING TACKLE PTY LIMITED OF
SHOP 6A/4-6 CHAPEL RD, BANKSTOWN. EXPIRES: 31/7/2022.
- 3 AR771669 MORTGAGE TO NATIONAL AUSTRALIA BANK LIMITED
- 4 AS194971 LEASE TO FORZA BANKSTOWN PTY LTD BEING SHOP 6, 4 - 6
CHAPEL ROAD BANKSTOWN. EXPIRES: 14/3/2025. OPTION OF
RENEWAL: 3 YEARS.
- 5 AS194972 LEASE TO GSL TRADING CO PTY LIMITED 4/4 - 6 CHAPEL
ROAD BANKSTOWN. EXPIRES: 4/4/2027. OPTION OF RENEWAL:
5 YEARS.

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

Appendix F

Council Information

LS048470:116989

Lotsearch Pty Ltd
3/68 Alfred Street
MILSONS POINT NSW 2061

PLANNING CERTIFICATE

Section 10.7(2)(5) of the Environmental Planning and Assessment Act 1979

Certificate No: 20236895
10 October 2023

Land which Certificate is issued for:

Lot 2 DP 655844

6 Chapel Road, BANKSTOWN NSW 2200

Note: The information in this certificate is provided pursuant to Section 10.7(2) and (5) of the Environmental Planning and Assessment Act 1979 (the Act), and as prescribed by Schedule 2 of the Environmental Planning and Assessment Regulation 2021 (the Regulation). The information has been extracted from Council's records, as it existed at the date listed on the certificate.

Please note that the accuracy of the information contained within the certificate may change after the date of this certificate due to changes in Legislation, planning controls or the environment of the land.

**INFORMATION PROVIDED UNDER SECTION 10.7 (2)
OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979.****1 ENVIRONMENTAL PLANNING INSTRUMENTS AND DEVELOPMENT CONTROL PLANS****1.1 Relevant Planning Instruments**

Canterbury Bankstown Local Environmental Plan 2023

1.2 Relevant Development Control Plans

Canterbury Bankstown Development Control Plan 2023

1.3 State Environmental Planning Policies

Note: The following information indicates those State Environmental Planning Policies (SEPP) which may apply to the subject land. A summary explanation of each SEPP can be sourced from the Department of Planning and Environment (DPE) website at www.planning.nsw.gov.au. The full wording of each SEPP can also be accessed via the NSW Legislation website at <https://legislation.nsw.gov.au/>.

State Environmental Planning Policies:

State Environmental Planning Policy (Sustainable Buildings) 2022

State Environmental Planning Policy No 65—Design Quality of Residential Apartment Development

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

State Environmental Planning Policy (Housing) 2021

State Environmental Planning Policy (Industry and Employment) 2021

Chapter 3: Advertising and Signage

State Environmental Planning Policy (Planning Systems) 2021

Chapter 2: State and regional development

Chapter 3: Aboriginal Land

Chapter 4: Concurrences and consents

State Environmental Planning Policy (Precincts - Central River City) 2021

State Environmental Planning Policy (Precincts - Eastern Harbour City) 2021

State Environmental Planning Policy (Precincts - Regional) 2021

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

State Environmental Planning Policy (Primary Production) 2021

State Environmental Planning Policy (Resilience and Hazards) 2021

Chapter 2: Coastal Management

Chapter 3: Hazardous and offensive development

Chapter 4: Remediation of Land

State Environmental Planning Policy (Resources and Energy) 2021

Chapter 2: Mining, petroleum production and extractive industries

Chapter 3: Extractive industries in Sydney area

State Environmental Planning Policy (Transport and Infrastructure) 2021

Chapter 2: Infrastructure

Chapter 3: Educational establishments and child care facilities

Chapter 4: Major infrastructure corridors

State Environmental Planning Policy (Biodiversity and Conservation) 2021

Chapter 2: Vegetation in non-rural areas

Chapter 3: Koala habitat protection 2020

Chapter 6: Bushland in urban areas

Chapter 7: Canal estate development

Chapter 10: Sydney Harbour Catchment

Chapter 11: Georges Rivers Catchment

Encompassed within the Biodiversity and Conservation SEPP is the former Greater Metropolitan Regional Environmental Plan No. 2 - Georges River Catchment which applies to the site. The SEPP aims to protect the water quality of the Georges River and its tributaries and the environmental quality of the whole catchment. The objectives of the plan are to be achieved through coordinated land use planning and development control. The plan establishes the framework within which local, State and Federal agencies will consult so that there is a consistent approach to planning and development within the catchment

- 1.4 Proposed Environmental Planning Instruments (including any Planning Proposals) that are or have been the subject of community consultation or on public exhibition under the Act**
Not applicable.

2 Zoning and Land Use Under Relevant Planning Instruments

Note: The information below will assist in determining how the subject land may be developed. It is recommended that you read this section in conjunction with a full copy of any relevant environmental planning instrument as there may be additional provisions that affect how the land may be developed.

2.1 Land Use Zone

Canterbury Bankstown Local Environmental Plan 2023

Date effective from

23 June 2023

Land Use Zone

ZONE B1 NEIGHBOURHOOD CENTRE

1. Permitted without consent

Home occupations

2. Permitted with consent

Boarding houses; Building identification signs; Business identification signs; Business premises; Car parks; Centre-based child care facilities; Community facilities; Early education and care facilities; Environmental facilities; Environmental protection works; Flood mitigation works; Food and drink premises; Home businesses; Information and education facilities; Kiosks; Markets; Medical centres; Mortuaries; Neighbourhood shops; Neighbourhood supermarkets; Office premises; Oyster aquaculture; Places of public worship; Recreation areas; Recreation facilities (indoor); Respite day care centres; Roads; Service stations; Shops; Shop top housing; Specialised retail premises; Tank-based aquaculture; Veterinary hospitals

3. Prohibited

Pond-based aquaculture; Any other development not specified in item 1 or 2

Canterbury Bankstown Local Environmental Plan 2023

Date effective from

23 June 2023

Land Use Zone

ZONE SP2 INFRASTRUCTURE (ROAD INFRASTRUCTURE FACILITY)

1. Permitted without consent

Nil

2. Permitted with consent

Aquaculture; Roads; The purpose shown on the Land Zoning Map, including any development that is ordinarily incidental or ancillary to development for that purpose

3. Prohibited

Any development not specified in item 1 or 2

2.2 Additional Permitted Uses

The land, or part of land is affected by Schedule 1 Additional Permitted Uses of the Canterbury Bankstown Local Environmental Plan 2023. For further information visit <https://legislation.nsw.gov.au/> or contact Council on 02 9707 9000.

Note: Due to the subdivision and/or consolidation of land, the Lot and Deposited Plans referenced in Schedule 1 of the relevant Local Environmental Plan may change. It is your responsibility to confirm the applicability of Additional Permitted Uses before undertaking any development on the site that relies upon provisions in Schedule 1.

2.3 Minimum Land Dimensions for the Erection of a Dwelling House

For land zoned R2, R3 or R4 and on land identified as 'Area 2' on the Clause Application Map within the Canterbury Bankstown Local Environmental Plan 2023, the minimum lot size required for dwelling houses on a battle-axe lot or other lot with an access handle is 600m². For land without an access handle, please refer to the Minimum Lot Sizes Map of the Local Environmental Plan for minimum lot sizes for dwelling houses.

2.4 Area of Outstanding Biodiversity Value

Not applicable

2.5 Conservation Area and/or Environmental Heritage

The land is not affected by a heritage item or within a heritage conservation area under the relevant Principal Environmental Planning Instrument.

3 Contribution Plans

Canterbury Bankstown Local Infrastructure Contributions Plan 2022

This Development Contributions Plan was prepared and adopted under the Environmental Planning and Assessment Act, 1979 and Environmental Planning and Assessment Regulation 2021.

The Plan allows the Council or other consent authority to levy contributions on selected new development to pay for local public infrastructure (such as parks, roads and libraries), required to meet the needs of our growing and changing City. A copy of the development contributions plan can be viewed on Council's website.

4 Complying Development

Whether or not 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 and, if no complying development may be carried out on that land under that Policy, the reasons why complying development may not be carried out on that land.

Note that in order for complying development to be able to be carried out, it must be permissible in the relevant zone in the first place.

Housing Code (if in a residential zone)	Yes
Rural Housing Code (if in a rural residential zone)	Not applicable
Low Rise Housing Diversity Code	Yes
Housing Alterations Code	Yes
General Development Code	Yes
Greenfield Housing Code	Not applicable
Inland Code	Not applicable
Commercial and Industrial (New Building and Alterations) Code	Yes
Commercial and Industrial Alterations Code	Yes
Container Recycling Facilities Code	Yes
Demolition Code	Yes
Subdivision Code	Yes
Fire Safety Code	Yes

**Note: The reason(s) why complying development may not be carried may only apply to part of, or all of, the property. For more information go to the NSW ePlanning Spatial Viewer and search the property address <https://www.planningportal.nsw.gov.au/spatialviewer/#/find-a-property/address>.*

4.1 Variation of Complying Development Codes

A variation to the Complying Development Code applies to certain lots in Zone R2 Low Density Residential areas which are no more than 450m² in area and are located in land to which the former Bankstown Local Environmental Plan 2015 applied. For further information on the variation to the Complying Development Code, please refer to State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 at the NSW Legislation website at <https://legislation.nsw.gov.au/>

5 Exempt Development

Whether or not the land is land on which exempt development may be carried out under each of the exempt development codes under State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 because of the provisions of clauses 1.16(1)(b1)-(d) or 1.16A, the development (new or alterations proposed to the existing structures) must meet the following criteria:

General Exempt Development Code

Yes

Advertising and Signage Exempt Development Code

Yes

Temporary Uses and Structures Exempt Development Code

Yes

Note: Despite the above, if the exempt development meets the requirements and standards specified by the State Environmental Planning Policy (Exempt and Complying Development) 2008 and that development (a) has been granted an exemption under section 57(2) of the Heritage Act 1977, or (b) is subject to an exemption under section 57(1A) or (3) of that Act, the development is exempt development. For further information refer to the Heritage NSW website at <https://www.heritage.nsw.gov.au/>.

Important Disclaimer: Clause 4 and 5 of this Certificate only contain information in respect of that required by clause 4 and 5 of Schedule 2 of the Environmental Planning and Assessment Regulation 2021, in relation to Complying and Exempt Development under State Environmental Planning Policy (Exempt and Complying Development Codes) 2008. Other provisions contained in the SEPP, including but not limited to, minimum allotment size requirements, specified development standards or any other general exclusions, may preclude Exempt or Complying Development under the SEPP from being able to be carried out. You will need to refer to the SEPP for complete details. It is your responsibility to ensure that you comply with all other general requirements of the SEPP. Failure to comply with these provisions may mean that any Complying Development Certificate issued, or work carried out as Exempt Development under the provisions of the SEPP is invalid.

6 Affected Building Notices and Building Product Rectification Orders

Not applicable

7 Land Reserved for Acquisition

There is no environmental planning instrument, or proposed environmental planning instrument, applying to the land that makes provision for the acquisition of the land (or any part thereof) by a public authority, as referred to in Section 3.15 of the Environmental Planning and Assessment Act 1979.

8 Road Widening and Road Realignment

Whether or not the land is affected by a road widening or road realignment proposal under Division 2 or Part 3 of the Roads Act 1993 or an environmental planning instrument:

The land is not affected by a road widening or road realignment proposal under Division 2 or Part 3 of the Roads Act 1993, or an environmental planning instrument.

Whether or not the land is affected by a road widening or road realignment proposal under any resolution of Council:

The land is not affected by a road widening or road realignment proposal under any resolution of Council.

9 Flooding

The land, or part of the land, **is within** the flood planning area (FPA) and consequently the probable maximum flood (PMF).

The land, or part of the land, **is subject to** flood related development controls.

Please note that a Stormwater Systems Report (SSR) will be required from Council (cost applies) to further understand constraints that may relate to development of the property. An SSR can be ordered online from Council website.

You are advised to refer to the following:

- The relevant Development Control Plan (noted in Section 1.2 of this certificate) for further information on Council's approach to Flood Risk Management, and
- Frequently Asked Questions and details on the study relevant to your catchment area are available at Council's Floodplain Management webpage (<https://cb.city/flooding>).

NB: The FPA is the 1% Annual Exceedance Probability (AEP) plus generally a 0.5m freeboard or as outlined in relevant Development Control Plan.

10 Council and Other Public Authority Policies on Hazard Risk Restrictions

Whether or not the land is affected by a policy adopted by Council or adopted by any other public authority (and notified to the Council for the express purpose of its adoption by that authority being referred to) that restricts the development of the land because of the likelihood of:

Land Slip

The land is not affected by a policy restriction relating to landslip

Tidal Inundation

The land is not affected by a policy restriction relating to tidal inundation

Subsidence

The land is not affected by a policy restriction relating to subsidence

Acid Sulfate Soils

The land is not affected by a policy restriction relating to acid sulfate soils.

Contamination

Council has adopted by resolution a policy concerning the management of contaminated land. The policy applies to all land in the Canterbury-Bankstown Local Government Area and will restrict development of the land if the circumstances set out in the policy prevail. A copy of the policy is available on Council's website at www.cbc.city.nsw.gov.au.

Council is not aware of the land being affected by any matters as prescribed by Section 59 (2) of the *Contaminated Land Management Act 1997*.

Please refer to the *NSW Environment Protection Authority (EPA)* for more information.

Salinity

Not applicable

Coastal Hazards

Not applicable

Sea Level Rise
Not applicable

Unhealthy Building Land
The land is not affected by a policy restriction relating to Unhealthy Building Land.

Any Other Risk (including Aircraft Noise)
Not applicable

- 11 **Bush Fire Prone Land**
Not applicable
- 12 **Loose-Fill Asbestos Ceiling Insulation**
Not applicable
- 13 **Mine Subsidence**
The subject land is not within a mine subsidence district within the meaning of Section 20 of the *Coal Mine Subsidence Compensation Act 2017*.
- 14 **Paper Subdivision Information**
Not applicable
- 15 **Property Vegetation Plans**
Not applicable
- 16 **Biodiversity Stewardship Sites**
Not applicable
- 17 **Biodiversity Certified Land**
Not applicable
- 18 **Orders Under Trees (Disputes Between Neighbours) Act 2006**
Not applicable
- 19 **Annual Charges Under Local Government Act 1993 For Coastal Protection Services That Relate to Existing Coastal Protection Works**
Not applicable
- 20 **Western Sydney Aerotropolis**
Not applicable
- 21 **Development Consent Conditions for Seniors Housing**
Not applicable
- 22 **Site Compatibility Certificates and Development Consent Conditions For Affordable Rental Housing**
Not applicable

**INFORMATION PROVIDED UNDER SECTION 10.7 (5)
OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979.**

Note: When information pursuant to Section 10.7(5) of the Act is requested the Council is under no obligation to furnish any of the information supplied herein pursuant to that Section. 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 sub-section (5). 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.

(a) Additional Flood Planning Advice

In addition to Section 9 of this certificate, the following information may assist in interpreting the Canterbury Bankstown Development Control Plan 2023:

Flooding - Salt Pan C17 Study 2009, Policy

The land, or part of the land, is subject to flood related development controls under the principal EPI (noted in section 1.1 of this certificate) and the Development Control Plan (noted in section 1.4 of this certificate).

These flood related development controls are informed by the Salt Pan Creek Stormwater Catchment Study (June 2007) and Report Addendum (October 2009). The study can be viewed online at <https://cb.city/flooding> – Council’s Floodplain Management webpage. The study identifies where the land, or part of the land, is affected by the 100 year flood and which, or both, of the following flood risk precincts may apply:

- High flood risk precinct – Land below the 100 year flood that is either subject to a high hydraulic hazard or where there are significant evacuation difficulties; and
- Medium flood risk precinct - Land below the 100 year flood that is not subject to a high hydraulic hazard and where there are no evacuation difficulties.

The principal EPI can be viewed online at the NSW legislation website – www.legislation.nsw.gov.au. The relevant Development Control Plan includes flood related development controls for properties based on the relevant flood risk precinct in the Flood Risk Management Chapter. This can be viewed on Council’s website - www.cbcity.nsw.gov.au.

(b) Tree Preservation Order

A tree preservation order applies to the whole of the City of Canterbury Bankstown.

(c) Additional Contaminated Land Advice

On 22 August 2017 Council adopted a policy on contaminated land. This policy will restrict development of land:

- a) which is affected by contamination;
- b) which has been used for certain purposes;
- c) in respect of which there is not sufficient information about contamination;
- d) which is proposed to be used for certain purposes;
- e) in other circumstances contained in the policy.

(d) General Advice Regarding Use of Property

Persons considering commencing a use of or purchasing a property are advised to seek confirmation that the current, or intended, use (as the case may be) has been approved by Council, or does not require Council approval. It is pointed out that the question of “existing use rights” within the meaning of the Environmental Planning and Assessment Act, 1979, is a complex matter, and that the commencement of a use without Council approval (where required) is unlawful and may be subject to enforcement action.

- (e) **Other Matters**
Not applicable.



CAMILLE LATTOUF
MANAGER CITY STRATEGY AND DESIGN

Appendix G

Laboratory Reports

CLIENT DETAILS

Contact Michael Evans
Client METECH CONSULTING PTY LTD
Address PO BOX 1184
SUTHERLAND NSW 1499

Telephone 61 2 95757755
Facsimile (Not specified)
Email mevens@metech.consulting

Project EP241 Bankstown
Order Number EP241
Samples 9

LABORATORY DETAILS

Manager Huong Crawford
Laboratory SGS Alexandria Environmental
Address Unit 16, 33 Maddox St
Alexandria NSW 2015

Telephone +61 2 8594 0400
Facsimile +61 2 8594 0499
Email au.environmental.sydney@sgs.com

SGS Reference SE254539 R0
Date Received 29 Sep 2023
Date Reported 10 Oct 2023

COMMENTS

Accredited for compliance with ISO/IEC 17025 - Testing. NATA accredited laboratory 2562(4354).

No respirable fibres detected in all soil samples using trace analysis technique.

Sample #1: Chrysotile asbestos found in approx 14x10x4mm cement sheet fragment.

Asbestos analysed by Approved Identifier Yusuf Kuthupudin

SIGNATORIES



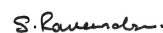
Akheevar BENIAMEEN
Chemist



Dong LIANG
Metals/Inorganics Team Leader



Ly Kim HA
Organic Section Head



Ravee SIVASUBRAMANIAM
Hygiene Team Leader



Shane MCDERMOTT
Inorganic/Metals Chemist

Parameter	Units	LOR	Sample Number Sample Matrix Sample Date Sample Name	SE254539.001 Soil 29 Sep 2023 BH1/0.3	SE254539.002 Soil 29 Sep 2023 BH2/0.3	SE254539.003 Soil 29 Sep 2023 BH2/0.5	SE254539.004 Soil 29 Sep 2023 BH3/0.2
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VOC's in Soil Method: AN433 Tested: 6/10/2023
Fumigants

2,2-dichloropropane	mg/kg	0.1	-	-	-	-
1,2-dichloropropane	mg/kg	0.1	-	-	-	-
cis-1,3-dichloropropene	mg/kg	0.1	-	-	-	-
trans-1,3-dichloropropene	mg/kg	0.1	-	-	-	-
1,2-dibromoethane (EDB)	mg/kg	0.1	-	-	-	-

Halogenated Aliphatics

Dichlorodifluoromethane (CFC-12)	mg/kg	1	-	-	-	-
Chloromethane	mg/kg	1	-	-	-	-
Vinyl chloride (Chloroethene)	mg/kg	0.1	-	-	-	-
Bromomethane	mg/kg	1	-	-	-	-
Chloroethane	mg/kg	1	-	-	-	-
Trichlorofluoromethane	mg/kg	1	-	-	-	-
1,1-dichloroethene	mg/kg	0.1	-	-	-	-
Iodomethane	mg/kg	5	-	-	-	-
Dichloromethane (Methylene chloride)	mg/kg	0.5	-	-	-	-
Allyl chloride	mg/kg	0.1	-	-	-	-
trans-1,2-dichloroethene	mg/kg	0.1	-	-	-	-
1,1-dichloroethane	mg/kg	0.1	-	-	-	-
cis-1,2-dichloroethene	mg/kg	0.1	-	-	-	-
Bromochloromethane	mg/kg	0.1	-	-	-	-
1,2-dichloroethane	mg/kg	0.1	-	-	-	-
1,1,1-trichloroethane	mg/kg	0.1	-	-	-	-
1,1-dichloropropene	mg/kg	0.1	-	-	-	-
Carbon tetrachloride	mg/kg	0.1	-	-	-	-
Dibromomethane	mg/kg	0.1	-	-	-	-
Trichloroethene (Trichloroethylene, TCE)	mg/kg	0.1	-	-	-	-
1,1,2-trichloroethane	mg/kg	0.1	-	-	-	-
1,3-dichloropropane	mg/kg	0.1	-	-	-	-
Tetrachloroethene (Perchloroethylene, PCE)	mg/kg	0.1	-	-	-	-
1,1,1,2-tetrachloroethane	mg/kg	0.1	-	-	-	-
1,1,2,2-tetrachloroethane	mg/kg	0.1	-	-	-	-
1,2,3-trichloropropane	mg/kg	0.1	-	-	-	-
trans-1,4-dichloro-2-butene	mg/kg	1	-	-	-	-
1,2-dibromo-3-chloropropane	mg/kg	0.1	-	-	-	-
Hexachlorobutadiene	mg/kg	0.1	-	-	-	-

Halogenated Aromatics

Chlorobenzene	mg/kg	0.1	-	-	-	-
Bromobenzene	mg/kg	0.1	-	-	-	-
2-chlorotoluene	mg/kg	0.1	-	-	-	-
4-chlorotoluene	mg/kg	0.1	-	-	-	-
1,3-dichlorobenzene	mg/kg	0.1	-	-	-	-
1,4-dichlorobenzene	mg/kg	0.1	-	-	-	-
1,2-dichlorobenzene	mg/kg	0.1	-	-	-	-
1,2,4-trichlorobenzene	mg/kg	0.1	-	-	-	-
1,2,3-trichlorobenzene	mg/kg	0.1	-	-	-	-

Monocyclic Aromatic Hydrocarbons

Benzene	mg/kg	0.1	<0.1	-	<0.1	<0.1
Toluene	mg/kg	0.1	<0.1	-	<0.1	<0.1
Ethylbenzene	mg/kg	0.1	<0.1	-	<0.1	<0.1
m/p-xylene	mg/kg	0.2	<0.2	-	<0.2	<0.2
Styrene (Vinyl benzene)	mg/kg	0.1	-	-	-	-
o-xylene	mg/kg	0.1	<0.1	-	<0.1	<0.1
Isopropylbenzene (Cumene)	mg/kg	0.1	-	-	-	-
n-propylbenzene	mg/kg	0.1	-	-	-	-
1,3,5-trimethylbenzene	mg/kg	0.1	-	-	-	-

Parameter	Units	LOR	Sample Number	SE254539.001	SE254539.002	SE254539.003	SE254539.004
			Sample Matrix	Soil	Soil	Soil	Soil
			Sample Date	29 Sep 2023	29 Sep 2023	29 Sep 2023	29 Sep 2023
			Sample Name	BH1/0.3	BH2/0.3	BH2/0.5	BH3/0.2

VOC's in Soil Method: AN433 Tested: 6/10/2023 (continued)

tert-butylbenzene	mg/kg	0.1	-	-	-	-
1,2,4-trimethylbenzene	mg/kg	0.1	-	-	-	-
sec-butylbenzene	mg/kg	0.1	-	-	-	-
p-isopropyltoluene	mg/kg	0.1	-	-	-	-
n-butylbenzene	mg/kg	0.1	-	-	-	-

Nitrogenous Compounds

Acrylonitrile	mg/kg	0.1	-	-	-	-
2-nitropropane	mg/kg	10	-	-	-	-

Oxygenated Compounds

Acetone (2-propanone)	mg/kg	10	-	-	-	-
MtBE (Methyl-tert-butyl ether)	mg/kg	0.1	-	-	-	-
Vinyl acetate*	mg/kg	10	-	-	-	-
MIBK (4-methyl-2-pentanone)	mg/kg	1	-	-	-	-
2-hexanone (MBK)	mg/kg	5	-	-	-	-

Polycyclic VOCs

Naphthalene (VOC)*	mg/kg	0.1	<0.1	-	<0.1	<0.1
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Sulphonated Compounds

Carbon disulfide	mg/kg	0.5	-	-	-	-
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Surrogates

d4-1,2-dichloroethane (Surrogate)	%	-	85	-	91	83
d8-toluene (Surrogate)	%	-	88	-	96	88
Bromofluorobenzene (Surrogate)	%	-	90	-	100	80

Totals

Total Other Chlorinated Hydrocarbons VIC EPA*	mg/kg	1.8	-	-	-	-
Total Chlorinated Hydrocarbons VIC EPA*	mg/kg	1.8	-	-	-	-
Total BTEX*	mg/kg	0.6	<0.6	-	<0.6	<0.6
Total Volatile Chlorinated Hydrocarbons*	mg/kg	3	-	-	-	-
Total VOC*	mg/kg	24	-	-	-	-
Total Xylenes*	mg/kg	0.3	<0.3	-	<0.3	<0.3

Parameter	Units	LOR	Sample Number	SE254539.001	SE254539.002	SE254539.003	SE254539.004
			Sample Matrix	Soil	Soil	Soil	Soil
			Sample Date	29 Sep 2023	29 Sep 2023	29 Sep 2023	29 Sep 2023
			Sample Name	BH1/0.3	BH2/0.3	BH2/0.5	BH3/0.2

VOC's in Soil Method: AN433 Tested: 6/10/2023 (continued)

Trihalomethanes

Chloroform (THM)	mg/kg	0.1	-	-	-	-
Bromodichloromethane (THM)	mg/kg	0.1	-	-	-	-
Dibromochloromethane (THM)	mg/kg	0.1	-	-	-	-
Bromoform (THM)	mg/kg	0.1	-	-	-	-

Volatile Petroleum Hydrocarbons in Soil Method: AN433 Tested: 6/10/2023

TRH C6-C10	mg/kg	25	<25	-	<25	<25
TRH C6-C9	mg/kg	20	<20	-	<20	<20

Surrogates

d4-1,2-dichloroethane (Surrogate)	%	-	85	-	91	83
d8-toluene (Surrogate)	%	-	88	-	96	88
Bromofluorobenzene (Surrogate)	%	-	90	-	100	80

VPH F Bands

Benzene (F0)	mg/kg	0.1	<0.1	-	<0.1	<0.1
TRH C6-C10 minus BTEX (F1)	mg/kg	25	<25	-	<25	<25

TRH (Total Recoverable Hydrocarbons) in Soil Method: AN403 Tested: 6/10/2023

TRH C10-C14	mg/kg	20	<20	-	<20	<20
TRH C15-C28	mg/kg	45	50	-	<45	<45
TRH C29-C36	mg/kg	45	49	-	<45	<45
TRH C37-C40	mg/kg	100	<100	-	<100	<100
TRH C10-C36 Total	mg/kg	110	<110	-	<110	<110
TRH >C10-C40 Total (F bands)	mg/kg	210	<210	-	<210	<210

TRH F Bands

TRH >C10-C16	mg/kg	25	<25	-	<25	<25
TRH >C10-C16 - Naphthalene (F2)	mg/kg	25	<25	-	<25	<25
TRH >C16-C34 (F3)	mg/kg	90	<90	-	<90	<90
TRH >C34-C40 (F4)	mg/kg	120	<120	-	<120	<120

Parameter	Units	LOR	Sample Number Sample Matrix Sample Date Sample Name	SE254539.001 Soil 29 Sep 2023 BH1/0.3	SE254539.002 Soil 29 Sep 2023 BH2/0.3	SE254539.003 Soil 29 Sep 2023 BH2/0.5	SE254539.004 Soil 29 Sep 2023 BH3/0.2
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PAH (Polynuclear Aromatic Hydrocarbons) in Soil Method: AN420 Tested: 6/10/2023

Naphthalene	mg/kg	0.1	<0.1	-	<0.1	<0.1
2-methylnaphthalene	mg/kg	0.1	<0.1	-	<0.1	<0.1
1-methylnaphthalene	mg/kg	0.1	<0.1	-	<0.1	<0.1
Acenaphthylene	mg/kg	0.1	<0.1	-	<0.1	<0.1
Acenaphthene	mg/kg	0.1	<0.1	-	<0.1	<0.1
Fluorene	mg/kg	0.1	<0.1	-	<0.1	<0.1
Phenanthrene	mg/kg	0.1	0.1	-	<0.1	<0.1
Anthracene	mg/kg	0.1	<0.1	-	<0.1	<0.1
Fluoranthene	mg/kg	0.1	0.2	-	<0.1	<0.1
Pyrene	mg/kg	0.1	0.2	-	<0.1	<0.1
Benzo(a)anthracene	mg/kg	0.1	<0.1	-	<0.1	<0.1
Chrysene	mg/kg	0.1	0.1	-	<0.1	<0.1
Benzo(b&j)fluoranthene	mg/kg	0.1	0.1	-	<0.1	<0.1
Benzo(k)fluoranthene	mg/kg	0.1	<0.1	-	<0.1	<0.1
Benzo(a)pyrene	mg/kg	0.1	<0.1	-	<0.1	<0.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	<0.1	-	<0.1	<0.1
Dibenzo(ah)anthracene	mg/kg	0.1	<0.1	-	<0.1	<0.1
Benzo(ghi)perylene	mg/kg	0.1	<0.1	-	<0.1	<0.1
Carcinogenic PAHs, BaP TEQ <LOR=0*	TEQ (mg/kg)	0.2	<0.2	-	<0.2	<0.2
Carcinogenic PAHs, BaP TEQ <LOR=LOR/2*	TEQ (mg/kg)	0.2	<0.2	-	<0.2	<0.2
Carcinogenic PAHs, BaP TEQ <LOR=LOR*	TEQ (mg/kg)	0.3	<0.3	-	<0.3	<0.3
Total PAH (18)	mg/kg	0.8	<0.8	-	<0.8	<0.8
Total PAH (NEPM/WHO 16)	mg/kg	0.8	<0.8	-	<0.8	<0.8

Surrogates

d5-nitrobenzene (Surrogate)	%	-	93	-	92	95
2-fluorobiphenyl (Surrogate)	%	-	98	-	100	101
d14-p-terphenyl (Surrogate)	%	-	108	-	108	110

OC Pesticides in Soil Method: AN420 Tested: 6/10/2023

Alpha BHC	mg/kg	0.1	<0.1	-	-	-
Hexachlorobenzene (HCB)	mg/kg	0.1	<0.1	-	-	-
Beta BHC	mg/kg	0.1	<0.1	-	-	-
Lindane (gamma BHC)	mg/kg	0.1	<0.1	-	-	-
Delta BHC	mg/kg	0.1	<0.1	-	-	-
Heptachlor	mg/kg	0.1	<0.1	-	-	-
Aldrin	mg/kg	0.1	<0.1	-	-	-
Isodrin	mg/kg	0.1	<0.1	-	-	-
Heptachlor epoxide	mg/kg	0.1	<0.1	-	-	-
Gamma Chlordane	mg/kg	0.1	<0.1	-	-	-
Alpha Chlordane	mg/kg	0.1	<0.1	-	-	-
Alpha Endosulfan	mg/kg	0.2	<0.2	-	-	-
o,p'-DDE*	mg/kg	0.1	<0.1	-	-	-
p,p'-DDE	mg/kg	0.1	0.1	-	-	-
Dieldrin	mg/kg	0.2	<0.2	-	-	-
Endrin	mg/kg	0.2	<0.2	-	-	-
Beta Endosulfan	mg/kg	0.2	<0.2	-	-	-
o,p'-DDD*	mg/kg	0.1	<0.1	-	-	-
p,p'-DDD	mg/kg	0.1	<0.1	-	-	-
Endrin aldehyde	mg/kg	0.1	<0.1	-	-	-
Endosulfan sulphate	mg/kg	0.1	<0.1	-	-	-
o,p'-DDT*	mg/kg	0.1	<0.1	-	-	-
p,p'-DDT	mg/kg	0.1	<0.1	-	-	-
Endrin ketone	mg/kg	0.1	<0.1	-	-	-
Methoxychlor	mg/kg	0.1	<0.1	-	-	-
Mirex	mg/kg	0.1	<0.1	-	-	-
trans-Nonachlor	mg/kg	0.1	<0.1	-	-	-
Total CLP OC Pesticides	mg/kg	1	<1	-	-	-
Total OC VIC EPA	mg/kg	1	<1	-	-	-

Parameter	Units	LOR	Sample Number	SE254539.001	SE254539.002	SE254539.003	SE254539.004
			Sample Matrix	Soil	Soil	Soil	Soil
			Sample Date	29 Sep 2023	29 Sep 2023	29 Sep 2023	29 Sep 2023
			Sample Name	BH1/0.3	BH2/0.3	BH2/0.5	BH3/0.2

OC Pesticides in Soil Method: AN420 Tested: 6/10/2023 (continued)

Surrogates

Tetrachloro-m-xylene (TCMX) (Surrogate)	%	-	74	-	-	-
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PCBs in Soil Method: AN420 Tested: 6/10/2023

Arochlor 1016	mg/kg	0.2	<0.2	-	-	-
Arochlor 1221	mg/kg	0.2	<0.2	-	-	-
Arochlor 1232	mg/kg	0.2	<0.2	-	-	-
Arochlor 1242	mg/kg	0.2	<0.2	-	-	-
Arochlor 1248	mg/kg	0.2	<0.2	-	-	-
Arochlor 1254	mg/kg	0.2	<0.2	-	-	-
Arochlor 1260	mg/kg	0.2	<0.2	-	-	-
Arochlor 1262	mg/kg	0.2	<0.2	-	-	-
Arochlor 1268	mg/kg	0.2	<0.2	-	-	-
Total PCBs (Arochlors)	mg/kg	1	<1	-	-	-

Surrogates

TCMX (Surrogate)	%	-	75	-	-	-
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Total Recoverable Elements in Soil/Waste Solids/Materials by ICPOES Method: AN040/AN320 Tested: 6/10/2023

Arsenic, As	mg/kg	1	6	5	5	6
Cadmium, Cd	mg/kg	0.3	0.4	<0.3	<0.3	<0.3
Chromium, Cr	mg/kg	0.5	21	8.7	8.8	12
Copper, Cu	mg/kg	0.5	39	10	8.2	12
Nickel, Ni	mg/kg	0.5	17	3.1	1.7	3.0
Lead, Pb	mg/kg	1	70	13	7	14
Zinc, Zn	mg/kg	2	140	37	16	20

Mercury in Soil Method: AN312 Tested: 6/10/2023

Mercury	mg/kg	0.05	0.06	<0.05	<0.05	<0.05
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Parameter	Units	LOR	Sample Number	SE254539.001	SE254539.002	SE254539.003	SE254539.004
			Sample Matrix	Soil	Soil	Soil	Soil
			Sample Date	29 Sep 2023	29 Sep 2023	29 Sep 2023	29 Sep 2023
			Sample Name	BH1/0.3	BH2/0.3	BH2/0.5	BH3/0.2

Moisture Content **Method: AN002** **Tested: 6/10/2023**

% Moisture	%w/w	1	11.8	15.0	16.1	17.8
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Fibre Identification in soil **Method: AS4964/AN602** **Tested: 9/10/2023**

FibreID

Asbestos Detected	No unit	-	Yes	No	-	No
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SemiQuant

Estimated Fibres*	%w/w	0.01	>0.01	<0.01	-	<0.01
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Parameter	Units	LOR	Sample Number	SE254539.005	SE254539.006	SE254539.007	SE254539.008
			Sample Matrix	Soil	Soil	Soil	Soil
			Sample Date	29 Sep 2023	29 Sep 2023	29 Sep 2023	29 Sep 2023
			Sample Name	BH4/0.0	BH4/0.5	BH5/0.1	BH5/0.5

VOC's in Soil Method: AN433 Tested: 6/10/2023

Fumigants

2,2-dichloropropane	mg/kg	0.1	<0.1	<0.1	-	-
1,2-dichloropropane	mg/kg	0.1	<0.1	<0.1	-	-
cis-1,3-dichloropropene	mg/kg	0.1	<0.1	<0.1	-	-
trans-1,3-dichloropropene	mg/kg	0.1	<0.1	<0.1	-	-
1,2-dibromoethane (EDB)	mg/kg	0.1	<0.1	<0.1	-	-

Halogenated Aliphatics

Dichlorodifluoromethane (CFC-12)	mg/kg	1	<1	<1	-	-
Chloromethane	mg/kg	1	<1	<1	-	-
Vinyl chloride (Chloroethene)	mg/kg	0.1	<0.1	<0.1	-	-
Bromomethane	mg/kg	1	<1	<1	-	-
Chloroethane	mg/kg	1	<1	<1	-	-
Trichlorofluoromethane	mg/kg	1	<1	<1	-	-
1,1-dichloroethene	mg/kg	0.1	<0.1	<0.1	-	-
Iodomethane	mg/kg	5	<5	<5	-	-
Dichloromethane (Methylene chloride)	mg/kg	0.5	<0.5	<0.5	-	-
Allyl chloride	mg/kg	0.1	<0.1	<0.1	-	-
trans-1,2-dichloroethene	mg/kg	0.1	<0.1	<0.1	-	-
1,1-dichloroethane	mg/kg	0.1	<0.1	<0.1	-	-
cis-1,2-dichloroethene	mg/kg	0.1	<0.1	<0.1	-	-
Bromochloromethane	mg/kg	0.1	<0.1	<0.1	-	-
1,2-dichloroethane	mg/kg	0.1	<0.1	<0.1	-	-
1,1,1-trichloroethane	mg/kg	0.1	<0.1	<0.1	-	-
1,1-dichloropropene	mg/kg	0.1	<0.1	<0.1	-	-
Carbon tetrachloride	mg/kg	0.1	<0.1	<0.1	-	-
Dibromomethane	mg/kg	0.1	<0.1	<0.1	-	-
Trichloroethene (Trichloroethylene,TCE)	mg/kg	0.1	<0.1	<0.1	-	-
1,1,2-trichloroethane	mg/kg	0.1	<0.1	<0.1	-	-
1,3-dichloropropane	mg/kg	0.1	<0.1	<0.1	-	-
Tetrachloroethene (Perchloroethylene,PCE)	mg/kg	0.1	<0.1	<0.1	-	-
1,1,1,2-tetrachloroethane	mg/kg	0.1	<0.1	<0.1	-	-
1,1,2,2-tetrachloroethane	mg/kg	0.1	<0.1	<0.1	-	-
1,2,3-trichloropropane	mg/kg	0.1	<0.1	<0.1	-	-
trans-1,4-dichloro-2-butene	mg/kg	1	<1	<1	-	-
1,2-dibromo-3-chloropropane	mg/kg	0.1	<0.1	<0.1	-	-
Hexachlorobutadiene	mg/kg	0.1	<0.1	<0.1	-	-

Halogenated Aromatics

Chlorobenzene	mg/kg	0.1	<0.1	<0.1	-	-
Bromobenzene	mg/kg	0.1	<0.1	<0.1	-	-
2-chlorotoluene	mg/kg	0.1	<0.1	<0.1	-	-
4-chlorotoluene	mg/kg	0.1	<0.1	<0.1	-	-
1,3-dichlorobenzene	mg/kg	0.1	<0.1	<0.1	-	-
1,4-dichlorobenzene	mg/kg	0.1	<0.1	<0.1	-	-
1,2-dichlorobenzene	mg/kg	0.1	<0.1	<0.1	-	-
1,2,4-trichlorobenzene	mg/kg	0.1	<0.1	<0.1	-	-
1,2,3-trichlorobenzene	mg/kg	0.1	<0.1	<0.1	-	-

Monocyclic Aromatic Hydrocarbons

Benzene	mg/kg	0.1	<0.1	<0.1	<0.1	-
Toluene	mg/kg	0.1	<0.1	<0.1	<0.1	-
Ethylbenzene	mg/kg	0.1	<0.1	<0.1	<0.1	-
m/p-xylene	mg/kg	0.2	<0.2	<0.2	<0.2	-
Styrene (Vinyl benzene)	mg/kg	0.1	<0.1	<0.1	-	-
o-xylene	mg/kg	0.1	<0.1	<0.1	<0.1	-
Isopropylbenzene (Cumene)	mg/kg	0.1	<0.1	<0.1	-	-
n-propylbenzene	mg/kg	0.1	<0.1	<0.1	-	-
1,3,5-trimethylbenzene	mg/kg	0.1	<0.1	<0.1	-	-

Parameter	Units	LOR	Sample Number	SE254539.005	SE254539.006	SE254539.007	SE254539.008
			Sample Matrix	Soil	Soil	Soil	Soil
			Sample Date	29 Sep 2023	29 Sep 2023	29 Sep 2023	29 Sep 2023
			Sample Name	BH4/0.0	BH4/0.5	BH5/0.1	BH5/0.5

VOC's in Soil Method: AN433 Tested: 9/10/2023 (continued)

tert-butylbenzene	mg/kg	0.1	<0.1	<0.1	-	-
1,2,4-trimethylbenzene	mg/kg	0.1	<0.1	<0.1	-	-
sec-butylbenzene	mg/kg	0.1	<0.1	<0.1	-	-
p-isopropyltoluene	mg/kg	0.1	<0.1	<0.1	-	-
n-butylbenzene	mg/kg	0.1	<0.1	<0.1	-	-

Nitrogenous Compounds

Acrylonitrile	mg/kg	0.1	<0.1	<0.1	-	-
2-nitropropane	mg/kg	10	<10	<10	-	-

Oxygenated Compounds

Acetone (2-propanone)	mg/kg	10	<10	<10	-	-
MtBE (Methyl-tert-butyl ether)	mg/kg	0.1	<0.1	<0.1	-	-
Vinyl acetate*	mg/kg	10	<10	<10	-	-
MIBK (4-methyl-2-pentanone)	mg/kg	1	<1	<1	-	-
2-hexanone (MBK)	mg/kg	5	<5	<5	-	-

Polycyclic VOCs

Naphthalene (VOC)*	mg/kg	0.1	<0.1	<0.1	<0.1	-
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Sulphonated Compounds

Carbon disulfide	mg/kg	0.5	<0.5	<0.5	-	-
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Surrogates

d4-1,2-dichloroethane (Surrogate)	%	-	88	86	88	-
d8-toluene (Surrogate)	%	-	91	86	86	-
Bromofluorobenzene (Surrogate)	%	-	93	94	92	-

Totals

Total Other Chlorinated Hydrocarbons VIC EPA*	mg/kg	1.8	<1.8	<1.8	-	-
Total Chlorinated Hydrocarbons VIC EPA*	mg/kg	1.8	<1.8	<1.8	-	-
Total BTEX*	mg/kg	0.6	<0.6	<0.6	<0.6	-
Total Volatile Chlorinated Hydrocarbons*	mg/kg	3	<3.0	<3.0	-	-
Total VOC*	mg/kg	24	<24	<24	-	-
Total Xylenes*	mg/kg	0.3	<0.3	<0.3	<0.3	-

Parameter	Units	LOR	Sample Number	SE254539.005	SE254539.006	SE254539.007	SE254539.008
			Sample Matrix	Soil	Soil	Soil	Soil
			Sample Date	29 Sep 2023	29 Sep 2023	29 Sep 2023	29 Sep 2023
			Sample Name	BH4/0.0	BH4/0.5	BH5/0.1	BH5/0.5

VOC's in Soil Method: AN433 Tested: 6/10/2023 (continued)

Trihalomethanes

Chloroform (THM)	mg/kg	0.1	<0.1	<0.1	-	-
Bromodichloromethane (THM)	mg/kg	0.1	<0.1	<0.1	-	-
Dibromochloromethane (THM)	mg/kg	0.1	<0.1	<0.1	-	-
Bromoform (THM)	mg/kg	0.1	<0.1	<0.1	-	-

Volatile Petroleum Hydrocarbons in Soil Method: AN433 Tested: 6/10/2023

TRH C6-C10	mg/kg	25	-	-	<25	-
TRH C6-C9	mg/kg	20	-	-	<20	-

Surrogates

d4-1,1-dichloroethane (Surrogate)	%	-	-	-	88	-
d8-toluene (Surrogate)	%	-	-	-	86	-
Bromofluorobenzene (Surrogate)	%	-	-	-	92	-

VPH F Bands

Benzene (F0)	mg/kg	0.1	-	-	<0.1	-
TRH C6-C10 minus BTEX (F1)	mg/kg	25	-	-	<25	-

TRH (Total Recoverable Hydrocarbons) in Soil Method: AN403 Tested: 6/10/2023

TRH C10-C14	mg/kg	20	-	-	<20	-
TRH C15-C28	mg/kg	45	-	-	<45	-
TRH C29-C36	mg/kg	45	-	-	<45	-
TRH C37-C40	mg/kg	100	-	-	<100	-
TRH C10-C36 Total	mg/kg	110	-	-	<110	-
TRH >C10-C40 Total (F bands)	mg/kg	210	-	-	<210	-

TRH F Bands

TRH >C10-C16	mg/kg	25	-	-	<25	-
TRH >C10-C16 - Naphthalene (F2)	mg/kg	25	-	-	<25	-
TRH >C16-C34 (F3)	mg/kg	90	-	-	<90	-
TRH >C34-C40 (F4)	mg/kg	120	-	-	<120	-

Parameter	Units	LOR	Sample Number Sample Matrix Sample Date Sample Name	SE254539.005 Soil 29 Sep 2023 BH4/0.0	SE254539.006 Soil 29 Sep 2023 BH4/0.5	SE254539.007 Soil 29 Sep 2023 BH5/0.1	SE254539.008 Soil 29 Sep 2023 BH5/0.5
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PAH (Polynuclear Aromatic Hydrocarbons) in Soil Method: AN420 Tested: 6/10/2023

Naphthalene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1
2-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1
1-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	0.1	<0.1	<0.1	0.6	0.1
Anthracene	mg/kg	0.1	<0.1	<0.1	0.1	<0.1
Fluoranthene	mg/kg	0.1	0.2	<0.1	1.0	0.3
Pyrene	mg/kg	0.1	0.2	<0.1	1.0	0.3
Benzo(a)anthracene	mg/kg	0.1	<0.1	<0.1	0.3	0.1
Chrysene	mg/kg	0.1	<0.1	<0.1	0.4	0.1
Benzo(b&j)fluoranthene	mg/kg	0.1	0.1	<0.1	0.5	0.2
Benzo(k)fluoranthene	mg/kg	0.1	<0.1	<0.1	0.2	<0.1
Benzo(a)pyrene	mg/kg	0.1	<0.1	<0.1	0.4	0.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	<0.1	<0.1	0.3	0.1
Dibenzo(ah)anthracene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1
Benzo(ghi)perylene	mg/kg	0.1	0.1	<0.1	0.3	0.1
Carcinogenic PAHs, BaP TEQ <LOR=0*	TEQ (mg/kg)	0.2	<0.2	<0.2	0.6	<0.2
Carcinogenic PAHs, BaP TEQ <LOR=LOR/2*	TEQ (mg/kg)	0.2	<0.2	<0.2	0.6	0.2
Carcinogenic PAHs, BaP TEQ <LOR=LOR*	TEQ (mg/kg)	0.3	<0.3	<0.3	0.7	<0.3
Total PAH (18)	mg/kg	0.8	<0.8	<0.8	5.2	1.6
Total PAH (NEPM/WHO 16)	mg/kg	0.8	<0.8	<0.8	5.2	1.6

Surrogates

d5-nitrobenzene (Surrogate)	%	-	105	105	106	105
2-fluorobiphenyl (Surrogate)	%	-	99	98	98	98
d14-p-terphenyl (Surrogate)	%	-	104	105	104	104

OC Pesticides in Soil Method: AN420 Tested: 6/10/2023

Alpha BHC	mg/kg	0.1	-	-	<0.1	-
Hexachlorobenzene (HCB)	mg/kg	0.1	-	-	<0.1	-
Beta BHC	mg/kg	0.1	-	-	<0.1	-
Lindane (gamma BHC)	mg/kg	0.1	-	-	<0.1	-
Delta BHC	mg/kg	0.1	-	-	<0.1	-
Heptachlor	mg/kg	0.1	-	-	<0.1	-
Aldrin	mg/kg	0.1	-	-	<0.1	-
Isodrin	mg/kg	0.1	-	-	<0.1	-
Heptachlor epoxide	mg/kg	0.1	-	-	<0.1	-
Gamma Chlordane	mg/kg	0.1	-	-	<0.1	-
Alpha Chlordane	mg/kg	0.1	-	-	<0.1	-
Alpha Endosulfan	mg/kg	0.2	-	-	<0.2	-
o,p'-DDE*	mg/kg	0.1	-	-	<0.1	-
p,p'-DDE	mg/kg	0.1	-	-	<0.1	-
Dieldrin	mg/kg	0.2	-	-	<0.2	-
Endrin	mg/kg	0.2	-	-	<0.2	-
Beta Endosulfan	mg/kg	0.2	-	-	<0.2	-
o,p'-DDD*	mg/kg	0.1	-	-	<0.1	-
p,p'-DDD	mg/kg	0.1	-	-	<0.1	-
Endrin aldehyde	mg/kg	0.1	-	-	<0.1	-
Endosulfan sulphate	mg/kg	0.1	-	-	<0.1	-
o,p'-DDT*	mg/kg	0.1	-	-	<0.1	-
p,p'-DDT	mg/kg	0.1	-	-	<0.1	-
Endrin ketone	mg/kg	0.1	-	-	<0.1	-
Methoxychlor	mg/kg	0.1	-	-	<0.1	-
Mirex	mg/kg	0.1	-	-	<0.1	-
trans-Nonachlor	mg/kg	0.1	-	-	<0.1	-
Total CLP OC Pesticides	mg/kg	1	-	-	<1	-
Total OC VIC EPA	mg/kg	1	-	-	<1	-

Parameter	Units	LOR	Sample Number Sample Matrix Sample Date Sample Name	SE254539.005 Soil 29 Sep 2023 BH4/0.0	SE254539.006 Soil 29 Sep 2023 BH4/0.5	SE254539.007 Soil 29 Sep 2023 BH5/0.1	SE254539.008 Soil 29 Sep 2023 BH5/0.5
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OC Pesticides in Soil Method: AN420 Tested: 6/10/2023 (continued)

Surrogates

Tetrachloro-m-xylene (TCMX) (Surrogate)	%	-	-	-	-	78	-
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PCBs in Soil Method: AN420 Tested: 6/10/2023

Arochlor 1016	mg/kg	0.2	-	-	<0.2	-
Arochlor 1221	mg/kg	0.2	-	-	<0.2	-
Arochlor 1232	mg/kg	0.2	-	-	<0.2	-
Arochlor 1242	mg/kg	0.2	-	-	<0.2	-
Arochlor 1248	mg/kg	0.2	-	-	<0.2	-
Arochlor 1254	mg/kg	0.2	-	-	<0.2	-
Arochlor 1260	mg/kg	0.2	-	-	<0.2	-
Arochlor 1262	mg/kg	0.2	-	-	<0.2	-
Arochlor 1268	mg/kg	0.2	-	-	<0.2	-
Total PCBs (Arochlors)	mg/kg	1	-	-	<1	-

Surrogates

TCMX (Surrogate)	%	-	-	-	-	86	-
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Total Recoverable Elements in Soil/Waste Solids/Materials by ICPOES Method: AN040/AN320 Tested: 9/10/2023

Arsenic, As	mg/kg	1	-	-	4	6
Cadmium, Cd	mg/kg	0.3	-	-	<0.3	<0.3
Chromium, Cr	mg/kg	0.5	-	-	38	8.5
Copper, Cu	mg/kg	0.5	-	-	42	35
Nickel, Ni	mg/kg	0.5	-	-	42	3.1
Lead, Pb	mg/kg	1	-	-	50	40
Zinc, Zn	mg/kg	2	-	-	180	71

Mercury in Soil Method: AN312 Tested: 9/10/2023

Mercury	mg/kg	0.05	-	-	0.06	0.06
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Parameter	Units	LOR	Sample Number	SE254539.005	SE254539.006	SE254539.007	SE254539.008
			Sample Matrix	Soil	Soil	Soil	Soil
			Sample Date	29 Sep 2023	29 Sep 2023	29 Sep 2023	29 Sep 2023
			Sample Name	BH4/0.0	BH4/0.5	BH5/0.1	BH5/0.5

Moisture Content Method: AN002 Tested: 6/10/2023

% Moisture	%w/w	1	17.8	16.2	11.2	20.3
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Fibre Identification in soil Method: AS4964/AN602 Tested: 9/10/2023

FibreID

Asbestos Detected	No unit	-	No	-	No	-
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SemiQuant

Estimated Fibres*	%w/w	0.01	<0.01	-	<0.01	-
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Sample Number SE254539.009
Sample Matrix Soil
Sample Date 29 Sep 2023
Sample Name QA1

Parameter Units LOR

VOC's in Soil Method: AN433 Tested: 9/10/2023

Fumigants

2,2-dichloropropane	mg/kg	0.1	-
1,2-dichloropropane	mg/kg	0.1	-
cis-1,3-dichloropropene	mg/kg	0.1	-
trans-1,3-dichloropropene	mg/kg	0.1	-
1,2-dibromoethane (EDB)	mg/kg	0.1	-

Halogenated Aliphatics

Dichlorodifluoromethane (CFC-12)	mg/kg	1	-
Chloromethane	mg/kg	1	-
Vinyl chloride (Chloroethene)	mg/kg	0.1	-
Bromomethane	mg/kg	1	-
Chloroethane	mg/kg	1	-
Trichlorofluoromethane	mg/kg	1	-
1,1-dichloroethene	mg/kg	0.1	-
Iodomethane	mg/kg	5	-
Dichloromethane (Methylene chloride)	mg/kg	0.5	-
Allyl chloride	mg/kg	0.1	-
trans-1,2-dichloroethene	mg/kg	0.1	-
1,1-dichloroethane	mg/kg	0.1	-
cis-1,2-dichloroethene	mg/kg	0.1	-
Bromochloromethane	mg/kg	0.1	-
1,2-dichloroethane	mg/kg	0.1	-
1,1,1-trichloroethane	mg/kg	0.1	-
1,1-dichloropropene	mg/kg	0.1	-
Carbon tetrachloride	mg/kg	0.1	-
Dibromomethane	mg/kg	0.1	-
Trichloroethene (Trichloroethylene, TCE)	mg/kg	0.1	-
1,1,2-trichloroethane	mg/kg	0.1	-
1,3-dichloropropane	mg/kg	0.1	-
Tetrachloroethene (Perchloroethylene, PCE)	mg/kg	0.1	-
1,1,1,2-tetrachloroethane	mg/kg	0.1	-
1,1,2,2-tetrachloroethane	mg/kg	0.1	-
1,2,3-trichloropropane	mg/kg	0.1	-
trans-1,4-dichloro-2-butene	mg/kg	1	-
1,2-dibromo-3-chloropropane	mg/kg	0.1	-
Hexachlorobutadiene	mg/kg	0.1	-

Halogenated Aromatics

Chlorobenzene	mg/kg	0.1	-
Bromobenzene	mg/kg	0.1	-
2-chlorotoluene	mg/kg	0.1	-
4-chlorotoluene	mg/kg	0.1	-
1,3-dichlorobenzene	mg/kg	0.1	-
1,4-dichlorobenzene	mg/kg	0.1	-
1,2-dichlorobenzene	mg/kg	0.1	-
1,2,4-trichlorobenzene	mg/kg	0.1	-
1,2,3-trichlorobenzene	mg/kg	0.1	-

		Sample Number	SE254539.009
		Sample Matrix	Soil
		Sample Date	29 Sep 2023
		Sample Name	QA1
Parameter	Units	LOR	

VOC's in Soil Method: AN433 Tested: 9/10/2023 (continued)

Monocyclic Aromatic Hydrocarbons

Benzene	mg/kg	0.1	-
Toluene	mg/kg	0.1	-
Ethylbenzene	mg/kg	0.1	-
m/p-xylene	mg/kg	0.2	-
Styrene (Vinyl benzene)	mg/kg	0.1	-
o-xylene	mg/kg	0.1	-
Isopropylbenzene (Cumene)	mg/kg	0.1	-
n-propylbenzene	mg/kg	0.1	-
1,3,5-trimethylbenzene	mg/kg	0.1	-
tert-butylbenzene	mg/kg	0.1	-
1,2,4-trimethylbenzene	mg/kg	0.1	-
sec-butylbenzene	mg/kg	0.1	-
p-isopropyltoluene	mg/kg	0.1	-
n-butylbenzene	mg/kg	0.1	-

Nitrogenous Compounds

Acrylonitrile	mg/kg	0.1	-
2-nitropropane	mg/kg	10	-

Oxygenated Compounds

Acetone (2-propanone)	mg/kg	10	-
MtBE (Methyl-tert-butyl ether)	mg/kg	0.1	-
Vinyl acetate*	mg/kg	10	-
MIBK (4-methyl-2-pentanone)	mg/kg	1	-
2-hexanone (MBK)	mg/kg	5	-

Polycyclic VOCs

Naphthalene (VOC)*	mg/kg	0.1	-
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Sulphonated Compounds

Carbon disulfide	mg/kg	0.5	-
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		Sample Number	SE254539.009
		Sample Matrix	Soil
		Sample Date	29 Sep 2023
		Sample Name	QA1
Parameter	Units	LOR	

VOC's in Soil Method: AN433 Tested: 9/10/2023 (continued)

Surrogates

d4-1,2-dichloroethane (Surrogate)	%	-	-
d8-toluene (Surrogate)	%	-	-
Bromofluorobenzene (Surrogate)	%	-	-

Totals

Total Other Chlorinated Hydrocarbons VIC EPA*	mg/kg	1.8	-
Total Chlorinated Hydrocarbons VIC EPA*	mg/kg	1.8	-
Total BTEX*	mg/kg	0.6	-
Total Volatile Chlorinated Hydrocarbons*	mg/kg	3	-
Total VOC*	mg/kg	24	-
Total Xylenes*	mg/kg	0.3	-

Trihalomethanes

Chloroform (THM)	mg/kg	0.1	-
Bromodichloromethane (THM)	mg/kg	0.1	-
Dibromochloromethane (THM)	mg/kg	0.1	-
Bromoform (THM)	mg/kg	0.1	-

Volatile Petroleum Hydrocarbons in Soil Method: AN433 Tested: 9/10/2023

TRH C6-C10	mg/kg	25	-
TRH C6-C9	mg/kg	20	-

Surrogates

d4-1,2-dichloroethane (Surrogate)	%	-	-
d8-toluene (Surrogate)	%	-	-
Bromofluorobenzene (Surrogate)	%	-	-

VPH F Bands

Benzene (F0)	mg/kg	0.1	-
TRH C6-C10 minus BTEX (F1)	mg/kg	25	-

Sample Number SE254539.009
Sample Matrix Soil
Sample Date 29 Sep 2023
Sample Name QA1

Parameter Units LOR

TRH (Total Recoverable Hydrocarbons) in Soil Method: AN403 Tested: 9/10/2023

TRH C10-C14	mg/kg	20	-
TRH C15-C28	mg/kg	45	-
TRH C29-C36	mg/kg	45	-
TRH C37-C40	mg/kg	100	-
TRH C10-C36 Total	mg/kg	110	-
TRH >C10-C40 Total (F bands)	mg/kg	210	-

TRH F Bands

TRH >C10-C16	mg/kg	25	-
TRH >C10-C16 - Naphthalene (F2)	mg/kg	25	-
TRH >C16-C34 (F3)	mg/kg	90	-
TRH >C34-C40 (F4)	mg/kg	120	-

PAH (Polynuclear Aromatic Hydrocarbons) in Soil Method: AN420 Tested: 9/10/2023

Naphthalene	mg/kg	0.1	-
2-methylnaphthalene	mg/kg	0.1	-
1-methylnaphthalene	mg/kg	0.1	-
Acenaphthylene	mg/kg	0.1	-
Acenaphthene	mg/kg	0.1	-
Fluorene	mg/kg	0.1	-
Phenanthrene	mg/kg	0.1	-
Anthracene	mg/kg	0.1	-
Fluoranthene	mg/kg	0.1	-
Pyrene	mg/kg	0.1	-
Benzo(a)anthracene	mg/kg	0.1	-
Chrysene	mg/kg	0.1	-
Benzo(b&j)fluoranthene	mg/kg	0.1	-
Benzo(k)fluoranthene	mg/kg	0.1	-
Benzo(a)pyrene	mg/kg	0.1	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	-
Dibenzo(ah)anthracene	mg/kg	0.1	-
Benzo(ghi)perylene	mg/kg	0.1	-
Carcinogenic PAHs, BaP TEQ <LOR=0*	TEQ (mg/kg)	0.2	-
Carcinogenic PAHs, BaP TEQ <LOR=LOR/2*	TEQ (mg/kg)	0.2	-
Carcinogenic PAHs, BaP TEQ <LOR=LOR*	TEQ (mg/kg)	0.3	-
Total PAH (18)	mg/kg	0.8	-
Total PAH (NEPM/WHO 16)	mg/kg	0.8	-

Sample Number SE254539.009
Sample Matrix Soil
Sample Date 29 Sep 2023
Sample Name QA1

Parameter Units LOR

PAH (Polynuclear Aromatic Hydrocarbons) in Soil Method: AN420 Tested: 9/10/2023 (continued)

Surrogates

d5-nitrobenzene (Surrogate)	%	-	-
2-fluorobiphenyl (Surrogate)	%	-	-
d14-p-terphenyl (Surrogate)	%	-	-

OC Pesticides in Soil Method: AN420 Tested: 9/10/2023

Alpha BHC	mg/kg	0.1	-
Hexachlorobenzene (HCB)	mg/kg	0.1	-
Beta BHC	mg/kg	0.1	-
Lindane (gamma BHC)	mg/kg	0.1	-
Delta BHC	mg/kg	0.1	-
Heptachlor	mg/kg	0.1	-
Aldrin	mg/kg	0.1	-
Isodrin	mg/kg	0.1	-
Heptachlor epoxide	mg/kg	0.1	-
Gamma Chlordane	mg/kg	0.1	-
Alpha Chlordane	mg/kg	0.1	-
Alpha Endosulfan	mg/kg	0.2	-
o,p'-DDE*	mg/kg	0.1	-
p,p'-DDE	mg/kg	0.1	-
Dieldrin	mg/kg	0.2	-
Endrin	mg/kg	0.2	-
Beta Endosulfan	mg/kg	0.2	-
o,p'-DDD*	mg/kg	0.1	-
p,p'-DDD	mg/kg	0.1	-
Endrin aldehyde	mg/kg	0.1	-
Endosulfan sulphate	mg/kg	0.1	-
o,p'-DDT*	mg/kg	0.1	-
p,p'-DDT	mg/kg	0.1	-
Endrin ketone	mg/kg	0.1	-
Methoxychlor	mg/kg	0.1	-
Mirex	mg/kg	0.1	-
trans-Nonachlor	mg/kg	0.1	-
Total CLP OC Pesticides	mg/kg	1	-
Total OC VIC EPA	mg/kg	1	-

Surrogates

Tetrachloro-m-xylene (TCMX) (Surrogate)	%	-	-
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		Sample Number	SE254539.009
		Sample Matrix	Soil
		Sample Date	29 Sep 2023
		Sample Name	QA1
Parameter	Units	LOR	

PCBs in Soil Method: AN420 Tested: 9/10/2023

Arochlor 1016	mg/kg	0.2	-
Arochlor 1221	mg/kg	0.2	-
Arochlor 1232	mg/kg	0.2	-
Arochlor 1242	mg/kg	0.2	-
Arochlor 1248	mg/kg	0.2	-
Arochlor 1254	mg/kg	0.2	-
Arochlor 1260	mg/kg	0.2	-
Arochlor 1262	mg/kg	0.2	-
Arochlor 1268	mg/kg	0.2	-
Total PCBs (Arochlors)	mg/kg	1	-

Surrogates

TCMX (Surrogate)	%	-	-
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Total Recoverable Elements in Soil/Waste Solids/Materials by ICPOES Method: AN040/AN320 Tested: 6/10/2023

Arsenic, As	mg/kg	1	6
Cadmium, Cd	mg/kg	0.3	0.3
Chromium, Cr	mg/kg	0.5	11
Copper, Cu	mg/kg	0.5	39
Nickel, Ni	mg/kg	0.5	3.6
Lead, Pb	mg/kg	1	57
Zinc, Zn	mg/kg	2	89

Mercury in Soil Method: AN312 Tested: 6/10/2023

Mercury	mg/kg	0.05	0.07
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Sample Number SE254539.009
 Sample Matrix Soil
 Sample Date 29 Sep 2023
 Sample Name QA1

Parameter Units LOR

Moisture Content Method: AN002 Tested: 6/10/2023

% Moisture	%w/w	1	20.8
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Fibre Identification in soil Method: AS4964/AN602 Tested: 9/10/2023

FibreID

Asbestos Detected	No unit	-	-
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SemiQuant

Estimated Fibres*	%w/w	0.01	-
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MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula : *the absolute difference of the two results divided by the average of the two results as a percentage*. Where the DUP RPD is 'NA' , the results are less than the LOR and thus the RPD is not applicable.

Mercury in Soil Method: ME-(AU)-[ENV]AN312

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
Mercury	LB292701	mg/kg	0.05	<0.05	10 - 15%	105%	86%

Moisture Content Method: ME-(AU)-[ENV]AN002

Parameter	QC Reference	Units	LOR	DUP %RPD
% Moisture	LB292699	%w/w	1	0 - 4%

OC Pesticides in Soil Method: ME-(AU)-[ENV]AN420

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
Alpha BHC	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Hexachlorobenzene (HCB)	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Beta BHC	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Lindane (gamma BHC)	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Delta BHC	LB292697	mg/kg	0.1	<0.1	0%	89%	60%
Heptachlor	LB292697	mg/kg	0.1	<0.1	0%	91%	66%
Aldrin	LB292697	mg/kg	0.1	<0.1	0%	91%	62%
Isodrin	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Heptachlor epoxide	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Gamma Chlordane	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Alpha Chlordane	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Alpha Endosulfan	LB292697	mg/kg	0.2	<0.2	0%	NA	NA
o,p'-DDE*	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
p,p'-DDE	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Dieldrin	LB292697	mg/kg	0.2	<0.2	0%	92%	65%
Endrin	LB292697	mg/kg	0.2	<0.2	0%	91%	60%
Beta Endosulfan	LB292697	mg/kg	0.2	<0.2	0%	NA	NA
o,p'-DDD*	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
p,p'-DDD	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Endrin aldehyde	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Endosulfan sulphate	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
o,p'-DDT*	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
p,p'-DDT	LB292697	mg/kg	0.1	<0.1	0%	86%	76%
Endrin ketone	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Methoxychlor	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Mirex	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
trans-Nonachlor	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Total CLP OC Pesticides	LB292697	mg/kg	1	<1	0%	NA	NA
Total OC VIC EPA	LB292697	mg/kg	1	<1	0%	NA	NA

Surrogates

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
Tetrachloro-m-xylene (TCMX) (Surrogate)	LB292697	%	-	83%	14%	85%	73%

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula : *the absolute difference of the two results divided by the average of the two results as a percentage*. Where the DUP RPD is 'NA' , the results are less than the LOR and thus the RPD is not applicable.

PAH (Polynuclear Aromatic Hydrocarbons) in Soil Method: ME-(AU)-[ENV]AN420

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
Naphthalene	LB292697	mg/kg	0.1	<0.1	0%	97%	95%
2-methylnaphthalene	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
1-methylnaphthalene	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Acenaphthylene	LB292697	mg/kg	0.1	<0.1	0%	98%	94%
Acenaphthene	LB292697	mg/kg	0.1	<0.1	0%	102%	99%
Fluorene	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Phenanthrene	LB292697	mg/kg	0.1	<0.1	0%	100%	95%
Anthracene	LB292697	mg/kg	0.1	<0.1	0%	101%	95%
Fluoranthene	LB292697	mg/kg	0.1	<0.1	0 - 3%	96%	93%
Pyrene	LB292697	mg/kg	0.1	<0.1	0 - 1%	98%	94%
Benzo(a)anthracene	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Chrysene	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Benzo(b&j)fluoranthene	LB292697	mg/kg	0.1	<0.1	0 - 1%	NA	NA
Benzo(k)fluoranthene	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Benzo(a)pyrene	LB292697	mg/kg	0.1	<0.1	0%	99%	97%
Indeno(1,2,3-cd)pyrene	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Dibenzo(ah)anthracene	LB292697	mg/kg	0.1	<0.1	0%	NA	NA
Benzo(ghi)perylene	LB292697	mg/kg	0.1	<0.1	0 - 6%	NA	NA
Carcinogenic PAHs, BaP TEQ <LOR=0*	LB292697	TEQ (mg/kg)	0.2	<0.2	0%	NA	NA
Carcinogenic PAHs, BaP TEQ <LOR=LOR/2*	LB292697	TEQ (mg/kg)	0.2	<0.2	0%	NA	NA
Carcinogenic PAHs, BaP TEQ <LOR=LOR*	LB292697	TEQ (mg/kg)	0.3	<0.3	0%	NA	NA
Total PAH (18)	LB292697	mg/kg	0.8	<0.8	0 - 1%	NA	NA
Total PAH (NEPM/WHO 16)	LB292697	mg/kg	0.8	<0.8			

Surrogates

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
d5-nitrobenzene (Surrogate)	LB292697	%	-	106%	0 - 4%	105%	91%
2-fluorobiphenyl (Surrogate)	LB292697	%	-	96%	0 - 2%	99%	103%
d14-p-terphenyl (Surrogate)	LB292697	%	-	103%	0 - 2%	106%	100%

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula : *the absolute difference of the two results divided by the average of the two results as a percentage*. Where the DUP RPD is 'NA' , the results are less than the LOR and thus the RPD is not applicable.

PCBs in Soil Method: ME-(AU)-[ENV]AN420

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
Arochlor 1016	LB292697	mg/kg	0.2	<0.2	0%	NA
Arochlor 1221	LB292697	mg/kg	0.2	<0.2	0%	NA
Arochlor 1232	LB292697	mg/kg	0.2	<0.2	0%	NA
Arochlor 1242	LB292697	mg/kg	0.2	<0.2	0%	NA
Arochlor 1248	LB292697	mg/kg	0.2	<0.2	0%	NA
Arochlor 1254	LB292697	mg/kg	0.2	<0.2	0%	NA
Arochlor 1260	LB292697	mg/kg	0.2	<0.2	0%	101%
Arochlor 1262	LB292697	mg/kg	0.2	<0.2	0%	NA
Arochlor 1268	LB292697	mg/kg	0.2	<0.2	0%	NA
Total PCBs (Arochlors)	LB292697	mg/kg	1	<1	0%	NA

Surrogates

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
TCMX (Surrogate)	LB292697	%	-	83%	13%	85%

Total Recoverable Elements in Soil/Waste Solids/Materials by ICPOES Method: ME-(AU)-[ENV]AN040/AN320

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
Arsenic, As	LB292700	mg/kg	1	<1	3 - 27%	111%	95%
Cadmium, Cd	LB292700	mg/kg	0.3	<0.3	0 - 18%	94%	92%
Chromium, Cr	LB292700	mg/kg	0.5	<0.5	5 - 9%	116%	86%
Copper, Cu	LB292700	mg/kg	0.5	<0.5	2 - 19%	115%	85%
Nickel, Ni	LB292700	mg/kg	0.5	<0.5	4 - 32%	104%	69%
Lead, Pb	LB292700	mg/kg	1	<1	5 - 60%	104%	85%
Zinc, Zn	LB292700	mg/kg	2	<2	1 - 18%	107%	71%

TRH (Total Recoverable Hydrocarbons) in Soil Method: ME-(AU)-[ENV]AN403

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
TRH C10-C14	LB292697	mg/kg	20	<20	0%	91%	112%
TRH C15-C28	LB292697	mg/kg	45	<45	0%	80%	120%
TRH C29-C36	LB292697	mg/kg	45	<45	0%	93%	116%
TRH C37-C40	LB292697	mg/kg	100	<100	0%	NA	NA
TRH C10-C36 Total	LB292697	mg/kg	110	<110	0%	NA	NA
TRH >C10-C40 Total (F bands)	LB292697	mg/kg	210	<210	0%	NA	NA

TRH F Bands

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
TRH >C10-C16	LB292697	mg/kg	25	<25	0%	101%	123%
TRH >C10-C16 - Naphthalene (F2)	LB292697	mg/kg	25	<25	0%	NA	NA
TRH >C16-C34 (F3)	LB292697	mg/kg	90	<90	0%	87%	139%
TRH >C34-C40 (F4)	LB292697	mg/kg	120	<120	0%	108%	NA

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula : *the absolute difference of the two results divided by the average of the two results as a percentage*. Where the DUP RPD is 'NA' , the results are less than the LOR and thus the RPD is not applicable.

VOC's in Soil Method: ME-(AU)-[ENV]AN433

Fumigants

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
2,2-dichloropropane	LB292698	mg/kg	0.1	<0.1	0%	NA
1,2-dichloropropane	LB292698	mg/kg	0.1	<0.1	0%	NA
cis-1,3-dichloropropene	LB292698	mg/kg	0.1	<0.1	0%	NA
trans-1,3-dichloropropene	LB292698	mg/kg	0.1	<0.1	0%	NA
1,2-dibromoethane (EDB)	LB292698	mg/kg	0.1	<0.1	0%	NA

Halogenated Aliphatics

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
Dichlorodifluoromethane (CFC-12)	LB292698	mg/kg	1	<1	0%	NA
Chloromethane	LB292698	mg/kg	1	<1	0%	NA
Vinyl chloride (Chloroethene)	LB292698	mg/kg	0.1	<0.1	0%	NA
Bromomethane	LB292698	mg/kg	1	<1	0%	NA
Chloroethane	LB292698	mg/kg	1	<1	0%	NA
Trichlorofluoromethane	LB292698	mg/kg	1	<1	0%	NA
1,1-dichloroethene	LB292698	mg/kg	0.1	<0.1	0%	73%
Iodomethane	LB292698	mg/kg	5	<5	0%	NA
Dichloromethane (Methylene chloride)	LB292698	mg/kg	0.5	<0.5	0%	NA
Allyl chloride	LB292698	mg/kg	0.1	<0.1	0%	NA
trans-1,2-dichloroethene	LB292698	mg/kg	0.1	<0.1	0%	NA
1,1-dichloroethane	LB292698	mg/kg	0.1	<0.1	0%	NA
cis-1,2-dichloroethene	LB292698	mg/kg	0.1	<0.1	0%	NA
Bromochloromethane	LB292698	mg/kg	0.1	<0.1	0%	NA
1,2-dichloroethane	LB292698	mg/kg	0.1	<0.1	0%	96%
1,1,1-trichloroethane	LB292698	mg/kg	0.1	<0.1	0%	NA
1,1-dichloropropene	LB292698	mg/kg	0.1	<0.1	0%	NA
Carbon tetrachloride	LB292698	mg/kg	0.1	<0.1	0%	NA
Dibromomethane	LB292698	mg/kg	0.1	<0.1	0%	NA
Trichloroethene (Trichloroethylene,TCE)	LB292698	mg/kg	0.1	<0.1	0%	92%
1,1,2-trichloroethane	LB292698	mg/kg	0.1	<0.1	0%	NA
1,3-dichloropropane	LB292698	mg/kg	0.1	<0.1	0%	NA
Tetrachloroethene (Perchloroethylene,PCE)	LB292698	mg/kg	0.1	<0.1	0%	NA
1,1,1,2-tetrachloroethane	LB292698	mg/kg	0.1	<0.1	0%	NA
1,1,2,2-tetrachloroethane	LB292698	mg/kg	0.1	<0.1	0%	NA
1,2,3-trichloropropane	LB292698	mg/kg	0.1	<0.1	0%	NA
trans-1,4-dichloro-2-butene	LB292698	mg/kg	1	<1	0%	NA
1,2-dibromo-3-chloropropane	LB292698	mg/kg	0.1	<0.1	0%	NA
Hexachlorobutadiene	LB292698	mg/kg	0.1	<0.1	0%	NA

Halogenated Aromatics

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
Chlorobenzene	LB292698	mg/kg	0.1	<0.1	0%	113%
Bromobenzene	LB292698	mg/kg	0.1	<0.1	0%	NA
2-chlorotoluene	LB292698	mg/kg	0.1	<0.1	0%	NA
4-chlorotoluene	LB292698	mg/kg	0.1	<0.1	0%	NA
1,3-dichlorobenzene	LB292698	mg/kg	0.1	<0.1	0%	NA
1,4-dichlorobenzene	LB292698	mg/kg	0.1	<0.1	0%	NA
1,2-dichlorobenzene	LB292698	mg/kg	0.1	<0.1	0%	NA
1,2,4-trichlorobenzene	LB292698	mg/kg	0.1	<0.1	0%	NA
1,2,3-trichlorobenzene	LB292698	mg/kg	0.1	<0.1	0%	NA

Monocyclic Aromatic Hydrocarbons

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula : *the absolute difference of the two results divided by the average of the two results as a percentage*. Where the DUP RPD is 'NA' , the results are less than the LOR and thus the RPD is not applicable.

VOC's in Soil Method: ME-(AU)-[ENV]AN433 (continued)

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
Benzene	LB292698	mg/kg	0.1	<0.1	0%	80%	96%
Toluene	LB292698	mg/kg	0.1	<0.1	0%	85%	100%
Ethylbenzene	LB292698	mg/kg	0.1	<0.1	0%	95%	104%
m/p-xylene	LB292698	mg/kg	0.2	<0.2	0%	96%	105%
Styrene (Vinyl benzene)	LB292698	mg/kg	0.1	<0.1	0%	NA	108%
o-xylene	LB292698	mg/kg	0.1	<0.1	0%	99%	
Isopropylbenzene (Cumene)	LB292698	mg/kg	0.1	<0.1	0%	NA	
n-propylbenzene	LB292698	mg/kg	0.1	<0.1	0%	NA	
1,3,5-trimethylbenzene	LB292698	mg/kg	0.1	<0.1	0%	NA	
tert-butylbenzene	LB292698	mg/kg	0.1	<0.1	0%	NA	
1,2,4-trimethylbenzene	LB292698	mg/kg	0.1	<0.1	0%	NA	
sec-butylbenzene	LB292698	mg/kg	0.1	<0.1	0%	NA	
p-isopropyltoluene	LB292698	mg/kg	0.1	<0.1	0%	NA	
n-butylbenzene	LB292698	mg/kg	0.1	<0.1	0%	NA	

Nitrogenous Compounds

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
Acrylonitrile	LB292698	mg/kg	0.1	<0.1	0%	NA
2-nitropropane	LB292698	mg/kg	10	<10	0%	NA

Oxygenated Compounds

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
Acetone (2-propanone)	LB292698	mg/kg	10	<10	0%	NA
MtBE (Methyl-tert-butyl ether)	LB292698	mg/kg	0.1	<0.1	0%	NA
Vinyl acetate*	LB292698	mg/kg	10	<10	0%	NA
MIBK (4-methyl-2-pentanone)	LB292698	mg/kg	1	<1	0%	NA
2-hexanone (MBK)	LB292698	mg/kg	5	<5	0%	NA

Polycyclic VOCs

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
Naphthalene (VOC)*	LB292698	mg/kg	0.1	<0.1	0%	NA	NA

Sulphonated Compounds

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
Carbon disulfide	LB292698	mg/kg	0.5	<0.5	0%	NA

Surrogates

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
d4-1,2-dichloroethane (Surrogate)	LB292698	%	-	83%	1 - 2%	86%	84%
d8-toluene (Surrogate)	LB292698	%	-	90%	1 - 7%	89%	74%
Bromofluorobenzene (Surrogate)	LB292698	%	-	100%	0 - 5%	103%	89%

Totals

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
Total Other Chlorinated Hydrocarbons VIC EPA*	LB292698	mg/kg	1.8	<1.8	0%	NA	NA
Total Chlorinated Hydrocarbons VIC EPA*	LB292698	mg/kg	1.8	<1.8	0%	NA	
Total BTEX*	LB292698	mg/kg	0.6	<0.6	0%	NA	NA
Total Volatile Chlorinated Hydrocarbons*	LB292698	mg/kg	3	<3.0	0%	NA	NA
Total VOC*	LB292698	mg/kg	24	<24	0%	NA	
Total Xylenes*	LB292698	mg/kg	0.3	<0.3	0%	NA	

Trihalomethanes

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula : *the absolute difference of the two results divided by the average of the two results as a percentage*. Where the DUP RPD is 'NA' , the results are less than the LOR and thus the RPD is not applicable.

VOC's in Soil Method: ME-(AU)-[ENV]AN433 (continued)

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
Chloroform (THM)	LB292698	mg/kg	0.1	<0.1	0%	99%
Bromodichloromethane (THM)	LB292698	mg/kg	0.1	<0.1	0%	NA
Dibromochloromethane (THM)	LB292698	mg/kg	0.1	<0.1	0%	NA
Bromoform (THM)	LB292698	mg/kg	0.1	<0.1	0%	NA

Volatile Petroleum Hydrocarbons in Soil Method: ME-(AU)-[ENV]AN433

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
TRH C6-C10	LB292698	mg/kg	25	<25	0%	92%	99%
TRH C6-C9	LB292698	mg/kg	20	<20	0%	92%	101%

Surrogates

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
d4-1,2-dichloroethane (Surrogate)	LB292698	%	-	83%	2%	86%	84%
d8-toluene (Surrogate)	LB292698	%	-	90%	7%	89%	74%
Bromofluorobenzene (Surrogate)	LB292698	%	-	100%	5%	103%	89%

VPH F Bands

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
Benzene (F0)	LB292698	mg/kg	0.1	<0.1	0%	NA	NA
TRH C6-C10 minus BTEX (F1)	LB292698	mg/kg	25	<25	0%	92%	98%

METHOD

METHODOLOGY SUMMARY

AN002	The test is carried out by drying (at either 40°C or 105°C) a known mass of sample in a weighed evaporating basin. After fully dry the sample is re-weighed. Samples such as sludge and sediment having high percentages of moisture will take some time in a drying oven for complete removal of water.
AN040	A portion of sample is digested with Nitric acid to decompose organic matter and Hydrochloric acid to complete the digestion of metals and then filtered for analysis by AAS or ICP as per USEPA Method 200.8.
AN040/AN320	A portion of sample is digested with nitric acid to decompose organic matter and hydrochloric acid to complete the digestion of metals. The digest is then analysed by ICP OES with metals results reported on the dried sample basis. Based on USEPA method 200.8 and 6010C.
AN312	Mercury by Cold Vapour AAS in Soils: After digestion with nitric acid, hydrogen peroxide and hydrochloric acid, mercury ions are reduced by stannous chloride reagent in acidic solution to elemental mercury. This mercury vapour is purged by nitrogen into a cold cell in an atomic absorption spectrometer or mercury analyser. Quantification is made by comparing absorbances to those of the calibration standards. Reference APHA 3112/3500
AN403	Total Recoverable Hydrocarbons: Determination of Hydrocarbons by gas chromatography after a solvent extraction. Detection is by flame ionisation detector (FID) that produces an electronic signal in proportion to the combustible matter passing through it. Total Recoverable Hydrocarbons (TRH) are routinely reported as four alkane groupings based on the carbon chain length of the compounds: C6-C9, C10-C14, C15-C28 and C29-C36 and in recognition of the NEPM 1999 (2013), >C10-C16 (F2), >C16-C34 (F3) and >C34-C40 (F4). F2 is reported directly and also corrected by subtracting Naphthalene (from VOC method AN433) where available.
AN403	Additionally, the volatile C6-C9 fraction may be determined by a purge and trap technique and GC/MS because of the potential for volatiles loss. Total Recoverable Hydrocarbons - Silica (TRH-Si) follows the same method of analysis after silica gel cleanup of the solvent extract. Aliphatic/Aromatic Speciation follows the same method of analysis after fractionation of the solvent extract over silica with differential polarity of the eluent solvents.
AN403	The GC/FID method is not well suited to the analysis of refined high boiling point materials (ie lubricating oils or greases) but is particularly suited for measuring diesel, kerosene and petrol if care to control volatility is taken. This method will detect naturally occurring hydrocarbons, lipids, animal fats, phenols and PAHs if they are present at sufficient levels, dependent on the use of specific cleanup/fractionation techniques. Reference USEPA 3510B, 8015B.
AN420	(SVOCs) including OC, OP, PCB, Herbicides, PAH, Phthalates and Speciated Phenols (etc) in soils, sediments and waters are determined by GCMS/ECD technique following appropriate solvent extraction process (Based on USEPA 3500C and 8270D). Total PAH calculated from individual analyte detections at or above the limit of reporting.
AN420	SVOC Compounds: Semi-Volatile Organic Compounds (SVOCs) including OC, OP, PCB, Herbicides, PAH, Phthalates and Speciated Phenols in soils, sediments and waters are determined by GCMS/ECD technique following appropriate solvent extraction process (Based on USEPA 3500C and 8270D).
AN433	VOCs and C6-C9 Hydrocarbons by GC-MS P&T: VOC's are volatile organic compounds. The sample is presented to a gas chromatograph via a purge and trap (P&T) concentrator and autosampler and is detected with a Mass Spectrometer (MSD). Solid samples are initially extracted with methanol whilst liquid samples are processed directly. References: USEPA 5030B, 8020A, 8260.

METHOD

METHODOLOGY SUMMARY

AN602/AS4964

Qualitative identification of chrysotile, amosite and crocidolite in bulk samples by polarised light microscopy (PLM) in conjunction with dispersion staining (DS). AS4964 provides the basis for this document. Unequivocal identification of the asbestos minerals present is made by obtaining sufficient diagnostic 'clues', which provide a reasonable degree of certainty, dispersion staining is a mandatory 'clue' for positive identification. If sufficient 'clues' are absent, then positive identification of asbestos is not possible. This procedure requires removal of suspect fibres/bundles from the sample which cannot be returned.

AN602/AS4964

Fibres/material that cannot be unequivocally identified as one of the three asbestos forms, will be reported as unknown mineral fibres (umf). The fibres detected may or may not be asbestos fibres.

AN602/AS4964

AS4964.2004 Method for the Qualitative Identification of Asbestos in Bulk Samples, Section 8.4, Trace Analysis Criteria, Note 4 states: "Depending upon sample condition and fibre type, the detection/reporting limit (RL) of this technique has been found to lie generally in the range of 1 in 1,000 to 1 in 10,000 parts by weight, equivalent to 1 to 0.1 g/kg."

AN602/AS4964

The sample can be reported "no asbestos found at the reporting limit (RL) of 0.1 g/kg" (<0.01%w/w) where AN602 section 4.5 of this method has been followed, and if-

- (a) no trace asbestos fibres have been detected (i.e. no 'respirable' fibres);
- (b) the estimated weight of non-respirable asbestos fibre bundles and/or the estimated weight of asbestos in asbestos-containing materials are found to be less than 0.1g/kg; and
- (c) these non-respirable asbestos fibre bundles and/or the asbestos containing materials are only visible under stereo-microscope viewing conditions.

FOOTNOTES

IS	Insufficient sample for analysis.	LOR	Limit of Reporting
LNR	Sample listed, but not received.	↑↓	Raised or Lowered Limit of Reporting
*	NATA accreditation does not cover the performance of this service.	QFH	QC result is above the upper tolerance
**	Indicative data, theoretical holding time exceeded.	QFL	QC result is below the lower tolerance
***	Indicates that both * and ** apply.	-	The sample was not analysed for this analyte
		NVL	Not Validated

Unless it is reported that sampling has been performed by SGS, the samples have been analysed as received.

Solid samples expressed on a dry weight basis.

Where "Total" analyte groups are reported (for example, Total PAHs, Total OC Pesticides) the total will be calculated as the sum of the individual analytes, with those analytes that are reported as <LOR being assumed to be zero. The summed (Total) limit of reporting is calculated by summing the individual analyte LORs and dividing by two. For example, where 16 individual analytes are being summed and each has an LOR of 0.1 mg/kg, the "Totals" LOR will be 1.6 / 2 (0.8 mg/kg). Where only 2 analytes are being summed, the "Total" LOR will be the sum of those two LORs.

Some totals may not appear to add up because the total is rounded after adding up the raw values.

If reported, measurement uncertainty follow the ± sign after the analytical result and is expressed as the expanded uncertainty calculated using a coverage factor of 2, providing a level of confidence of approximately 95%, unless stated otherwise in the comments section of this report.

Results reported for samples tested under test methods with codes starting with ARS-SOP, radionuclide or gross radioactivity concentrations are expressed in becquerel (Bq) per unit of mass or volume or per wipe as stated on the report. Becquerel is the SI unit for activity and equals one nuclear transformation per second.

Note that in terms of units of radioactivity:

- 1 Bq is equivalent to 27 pCi
- 37 MBq is equivalent to 1 mCi

For results reported for samples tested under test methods with codes starting with ARS-SOP, less than (<) values indicate the detection limit for each radionuclide or parameter for the measurement system used. The respective detection limits have been calculated in accordance with ISO 11929.

The QC and MU criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here: www.sgs.com.au/en-gb/environment-health-and-safety.

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SGS Reference SE254539 R0
Date Received 29/9/2023
Date Reported 10/10/2023

COMMENTS

Accredited for compliance with ISO/IEC 17025 - Testing. NATA accredited laboratory 2562(4354).

No respirable fibres detected in all soil samples using trace analysis technique.
Sample #1:Chrysotile asbestos found in approx 14x10x4mm cement sheet fragment.
Asbestos analysed by Approved Identifier Yusuf Kuthpudin

SIGNATORIES



Akheeqar BENIAMEEN
Chemist



Dong LIANG
Metals/Inorganics Team Leader



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Inorganic/Metals Chemist

VOC's in Soil [AN433] Tested: 6/10/2023

PARAMETER	UOM	LOR	BH1/0.3	BH2/0.5	BH3/0.2	BH4/0.0	BH4/0.5
			SOIL - 29/9/2023 SE254539.001	SOIL - 29/9/2023 SE254539.003	SOIL - 29/9/2023 SE254539.004	SOIL - 29/9/2023 SE254539.005	SOIL - 29/9/2023 SE254539.006
Dichlorodifluoromethane (CFC-12)	mg/kg	1	-	-	-	<1	<1
Chloromethane	mg/kg	1	-	-	-	<1	<1
Vinyl chloride (Chloroethene)	mg/kg	0.1	-	-	-	<0.1	<0.1
Bromomethane	mg/kg	1	-	-	-	<1	<1
Chloroethane	mg/kg	1	-	-	-	<1	<1
Trichlorofluoromethane	mg/kg	1	-	-	-	<1	<1
Acetone (2-propanone)	mg/kg	10	-	-	-	<10	<10
Iodomethane	mg/kg	5	-	-	-	<5	<5
1,1-dichloroethene	mg/kg	0.1	-	-	-	<0.1	<0.1
Acrylonitrile	mg/kg	0.1	-	-	-	<0.1	<0.1
Dichloromethane (Methylene chloride)	mg/kg	0.5	-	-	-	<0.5	<0.5
Allyl chloride	mg/kg	0.1	-	-	-	<0.1	<0.1
Carbon disulfide	mg/kg	0.5	-	-	-	<0.5	<0.5
trans-1,2-dichloroethene	mg/kg	0.1	-	-	-	<0.1	<0.1
MtBE (Methyl-tert-butyl ether)	mg/kg	0.1	-	-	-	<0.1	<0.1
1,1-dichloroethane	mg/kg	0.1	-	-	-	<0.1	<0.1
Vinyl acetate*	mg/kg	10	-	-	-	<10	<10
cis-1,2-dichloroethene	mg/kg	0.1	-	-	-	<0.1	<0.1
Bromochloromethane	mg/kg	0.1	-	-	-	<0.1	<0.1
Chloroform (THM)	mg/kg	0.1	-	-	-	<0.1	<0.1
2,2-dichloropropane	mg/kg	0.1	-	-	-	<0.1	<0.1
1,2-dichloroethane	mg/kg	0.1	-	-	-	<0.1	<0.1
1,1,1-trichloroethane	mg/kg	0.1	-	-	-	<0.1	<0.1
1,1-dichloropropene	mg/kg	0.1	-	-	-	<0.1	<0.1
Carbon tetrachloride	mg/kg	0.1	-	-	-	<0.1	<0.1
Benzene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibromomethane	mg/kg	0.1	-	-	-	<0.1	<0.1
1,2-dichloropropane	mg/kg	0.1	-	-	-	<0.1	<0.1
Trichloroethene (Trichloroethylene,TCE)	mg/kg	0.1	-	-	-	<0.1	<0.1
2-nitropropane	mg/kg	10	-	-	-	<10	<10
Bromodichloromethane (THM)	mg/kg	0.1	-	-	-	<0.1	<0.1
MIBK (4-methyl-2-pentanone)	mg/kg	1	-	-	-	<1	<1
cis-1,3-dichloropropene	mg/kg	0.1	-	-	-	<0.1	<0.1
trans-1,3-dichloropropene	mg/kg	0.1	-	-	-	<0.1	<0.1
1,1,2-trichloroethane	mg/kg	0.1	-	-	-	<0.1	<0.1
Toluene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-dichloropropane	mg/kg	0.1	-	-	-	<0.1	<0.1
Dibromochloromethane (THM)	mg/kg	0.1	-	-	-	<0.1	<0.1
2-hexanone (MBK)	mg/kg	5	-	-	-	<5	<5
1,2-dibromoethane (EDB)	mg/kg	0.1	-	-	-	<0.1	<0.1
Tetrachloroethene (Perchloroethylene,PCE)	mg/kg	0.1	-	-	-	<0.1	<0.1
1,1,1,2-tetrachloroethane	mg/kg	0.1	-	-	-	<0.1	<0.1
Chlorobenzene	mg/kg	0.1	-	-	-	<0.1	<0.1
Ethylbenzene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform (THM)	mg/kg	0.1	-	-	-	<0.1	<0.1
m/p-xylene	mg/kg	0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Styrene (Vinyl benzene)	mg/kg	0.1	-	-	-	<0.1	<0.1
1,1,2,2-tetrachloroethane	mg/kg	0.1	-	-	-	<0.1	<0.1
o-xylene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Xylenes*	mg/kg	0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,2,3-trichloropropane	mg/kg	0.1	-	-	-	<0.1	<0.1
trans-1,4-dichloro-2-butene	mg/kg	1	-	-	-	<1	<1
Isopropylbenzene (Cumene)	mg/kg	0.1	-	-	-	<0.1	<0.1
Bromobenzene	mg/kg	0.1	-	-	-	<0.1	<0.1
n-propylbenzene	mg/kg	0.1	-	-	-	<0.1	<0.1
2-chlorotoluene	mg/kg	0.1	-	-	-	<0.1	<0.1

VOC's in Soil [AN433] Tested: 6/10/2023 (continued)

PARAMETER	UOM	LOR	BH1/0.3	BH2/0.5	BH3/0.2	BH4/0.0	BH4/0.5
			SOIL	SOIL	SOIL	SOIL	SOIL
			29/9/2023 SE254539.001	29/9/2023 SE254539.003	29/9/2023 SE254539.004	29/9/2023 SE254539.005	29/9/2023 SE254539.006
4-chlorotoluene	mg/kg	0.1	-	-	-	<0.1	<0.1
1,3,5-trimethylbenzene	mg/kg	0.1	-	-	-	<0.1	<0.1
tert-butylbenzene	mg/kg	0.1	-	-	-	<0.1	<0.1
1,2,4-trimethylbenzene	mg/kg	0.1	-	-	-	<0.1	<0.1
sec-butylbenzene	mg/kg	0.1	-	-	-	<0.1	<0.1
1,3-dichlorobenzene	mg/kg	0.1	-	-	-	<0.1	<0.1
1,4-dichlorobenzene	mg/kg	0.1	-	-	-	<0.1	<0.1
p-isopropyltoluene	mg/kg	0.1	-	-	-	<0.1	<0.1
1,2-dichlorobenzene	mg/kg	0.1	-	-	-	<0.1	<0.1
n-butylbenzene	mg/kg	0.1	-	-	-	<0.1	<0.1
1,2-dibromo-3-chloropropane	mg/kg	0.1	-	-	-	<0.1	<0.1
1,2,4-trichlorobenzene	mg/kg	0.1	-	-	-	<0.1	<0.1
Naphthalene (VOC)*	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorobutadiene	mg/kg	0.1	-	-	-	<0.1	<0.1
1,2,3-trichlorobenzene	mg/kg	0.1	-	-	-	<0.1	<0.1
Total BTEX*	mg/kg	0.6	<0.6	<0.6	<0.6	<0.6	<0.6
Total VOC*	mg/kg	24	-	-	-	<24	<24
Total Volatile Chlorinated Hydrocarbons*	mg/kg	3	-	-	-	<3.0	<3.0
Total Chlorinated Hydrocarbons VIC EPA*	mg/kg	1.8	-	-	-	<1.8	<1.8
Total Other Chlorinated Hydrocarbons VIC EPA*	mg/kg	1.8	-	-	-	<1.8	<1.8

VOC's in Soil [AN433] Tested: 6/10/2023 (continued)

			BH5/0.1
			SOIL
			-
			29/9/2023
			SE254539.007
PARAMETER	UOM	LOR	
Dichlorodifluoromethane (CFC-12)	mg/kg	1	-
Chloromethane	mg/kg	1	-
Vinyl chloride (Chloroethene)	mg/kg	0.1	-
Bromomethane	mg/kg	1	-
Chloroethane	mg/kg	1	-
Trichlorofluoromethane	mg/kg	1	-
Acetone (2-propanone)	mg/kg	10	-
Iodomethane	mg/kg	5	-
1,1-dichloroethene	mg/kg	0.1	-
Acrylonitrile	mg/kg	0.1	-
Dichloromethane (Methylene chloride)	mg/kg	0.5	-
Allyl chloride	mg/kg	0.1	-
Carbon disulfide	mg/kg	0.5	-
trans-1,2-dichloroethene	mg/kg	0.1	-
MTBE (Methyl-tert-butyl ether)	mg/kg	0.1	-
1,1-dichloroethane	mg/kg	0.1	-
Vinyl acetate*	mg/kg	10	-
cis-1,2-dichloroethene	mg/kg	0.1	-
Bromochloromethane	mg/kg	0.1	-
Chloroform (THM)	mg/kg	0.1	-
2,2-dichloropropane	mg/kg	0.1	-
1,2-dichloroethane	mg/kg	0.1	-
1,1,1-trichloroethane	mg/kg	0.1	-
1,1-dichloropropene	mg/kg	0.1	-
Carbon tetrachloride	mg/kg	0.1	-
Benzene	mg/kg	0.1	<0.1
Dibromomethane	mg/kg	0.1	-
1,2-dichloropropane	mg/kg	0.1	-
Trichloroethene (Trichloroethylene,TCE)	mg/kg	0.1	-
2-nitropropane	mg/kg	10	-
Bromodichloromethane (THM)	mg/kg	0.1	-
MIBK (4-methyl-2-pentanone)	mg/kg	1	-
cis-1,3-dichloropropene	mg/kg	0.1	-
trans-1,3-dichloropropene	mg/kg	0.1	-
1,1,2-trichloroethane	mg/kg	0.1	-
Toluene	mg/kg	0.1	<0.1
1,3-dichloropropane	mg/kg	0.1	-
Dibromochloromethane (THM)	mg/kg	0.1	-
2-hexanone (MBK)	mg/kg	5	-
1,2-dibromoethane (EDB)	mg/kg	0.1	-
Tetrachloroethene (Perchloroethylene,PCE)	mg/kg	0.1	-
1,1,1,2-tetrachloroethane	mg/kg	0.1	-
Chlorobenzene	mg/kg	0.1	-
Ethylbenzene	mg/kg	0.1	<0.1
Bromoform (THM)	mg/kg	0.1	-
m/p-xylene	mg/kg	0.2	<0.2
Styrene (Vinyl benzene)	mg/kg	0.1	-
1,1,2,2-tetrachloroethane	mg/kg	0.1	-
o-xylene	mg/kg	0.1	<0.1
Total Xylenes*	mg/kg	0.3	<0.3
1,2,3-trichloropropane	mg/kg	0.1	-
trans-1,4-dichloro-2-butene	mg/kg	1	-
Isopropylbenzene (Cumene)	mg/kg	0.1	-
Bromobenzene	mg/kg	0.1	-
n-propylbenzene	mg/kg	0.1	-
2-chlorotoluene	mg/kg	0.1	-

VOC's in Soil [AN433] Tested: 6/10/2023 (continued)

			BH5/0.1
			SOIL
			-
			29/9/2023
			SE254539.007
PARAMETER	UOM	LOR	
4-chlorotoluene	mg/kg	0.1	-
1,3,5-trimethylbenzene	mg/kg	0.1	-
tert-butylbenzene	mg/kg	0.1	-
1,2,4-trimethylbenzene	mg/kg	0.1	-
sec-butylbenzene	mg/kg	0.1	-
1,3-dichlorobenzene	mg/kg	0.1	-
1,4-dichlorobenzene	mg/kg	0.1	-
p-isopropyltoluene	mg/kg	0.1	-
1,2-dichlorobenzene	mg/kg	0.1	-
n-butylbenzene	mg/kg	0.1	-
1,2-dibromo-3-chloropropane	mg/kg	0.1	-
1,2,4-trichlorobenzene	mg/kg	0.1	-
Naphthalene (VOC)*	mg/kg	0.1	<0.1
Hexachlorobutadiene	mg/kg	0.1	-
1,2,3-trichlorobenzene	mg/kg	0.1	-
Total BTEX*	mg/kg	0.6	<0.6
Total VOC*	mg/kg	24	-
Total Volatile Chlorinated Hydrocarbons*	mg/kg	3	-
Total Chlorinated Hydrocarbons VIC EPA*	mg/kg	1.8	-
Total Other Chlorinated Hydrocarbons VIC EPA*	mg/kg	1.8	-

Volatile Petroleum Hydrocarbons in Soil [AN433] Tested: 6/10/2023

PARAMETER	UOM	LOR	BH1/0.3	BH2/0.5	BH3/0.2	BH5/0.1
			SOIL	SOIL	SOIL	SOIL
			-	-	-	-
			29/9/2023 SE254539.001	29/9/2023 SE254539.003	29/9/2023 SE254539.004	29/9/2023 SE254539.007
TRH C6-C9	mg/kg	20	<20	<20	<20	<20
Benzene (F0)	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1
TRH C6-C10	mg/kg	25	<25	<25	<25	<25
TRH C6-C10 minus BTEX (F1)	mg/kg	25	<25	<25	<25	<25

TRH (Total Recoverable Hydrocarbons) in Soil [AN403] Tested: 6/10/2023

PARAMETER	UOM	LOR	BH1/0.3	BH2/0.5	BH3/0.2	BH5/0.1
			SOIL	SOIL	SOIL	SOIL
			-	-	-	-
			29/9/2023 SE254539.001	29/9/2023 SE254539.003	29/9/2023 SE254539.004	29/9/2023 SE254539.007
TRH C10-C14	mg/kg	20	<20	<20	<20	<20
TRH C15-C28	mg/kg	45	50	<45	<45	<45
TRH C29-C36	mg/kg	45	49	<45	<45	<45
TRH C37-C40	mg/kg	100	<100	<100	<100	<100
TRH >C10-C16	mg/kg	25	<25	<25	<25	<25
TRH >C10-C16 - Naphthalene (F2)	mg/kg	25	<25	<25	<25	<25
TRH >C16-C34 (F3)	mg/kg	90	<90	<90	<90	<90
TRH >C34-C40 (F4)	mg/kg	120	<120	<120	<120	<120
TRH C10-C36 Total	mg/kg	110	<110	<110	<110	<110
TRH >C10-C40 Total (F bands)	mg/kg	210	<210	<210	<210	<210

PAH (Polynuclear Aromatic Hydrocarbons) in Soil [AN420] Tested: 6/10/2023

PARAMETER	UOM	LOR	BH1/0.3	BH2/0.5	BH3/0.2	BH4/0.0	BH4/0.5
			SOIL	SOIL	SOIL	SOIL	SOIL
			29/9/2023 SE254539.001	29/9/2023 SE254539.003	29/9/2023 SE254539.004	29/9/2023 SE254539.005	29/9/2023 SE254539.006
Naphthalene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	0.1	0.1	<0.1	<0.1	<0.1	<0.1
Anthracene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	0.1	0.2	<0.1	<0.1	0.2	<0.1
Pyrene	mg/kg	0.1	0.2	<0.1	<0.1	0.2	<0.1
Benzo(a)anthracene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene	mg/kg	0.1	0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b&j)fluoranthene	mg/kg	0.1	0.1	<0.1	<0.1	0.1	<0.1
Benzo(k)fluoranthene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)pyrene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo(ah)anthracene	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(ghi)perylene	mg/kg	0.1	<0.1	<0.1	<0.1	0.1	<0.1
Carcinogenic PAHs, BaP TEQ <LOR=0*	TEQ (mg/kg)	0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Carcinogenic PAHs, BaP TEQ <LOR=LOR*	TEQ (mg/kg)	0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Carcinogenic PAHs, BaP TEQ <LOR=LOR/2*	TEQ (mg/kg)	0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Total PAH (18)	mg/kg	0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Total PAH (NEPM/WHO 16)	mg/kg	0.8	<0.8	<0.8	<0.8	<0.8	<0.8

PARAMETER	UOM	LOR	BH5/0.1	BH5/0.5
			SOIL	SOIL
			29/9/2023 SE254539.007	29/9/2023 SE254539.008
Naphthalene	mg/kg	0.1	<0.1	<0.1
2-methylnaphthalene	mg/kg	0.1	<0.1	<0.1
1-methylnaphthalene	mg/kg	0.1	<0.1	<0.1
Acenaphthylene	mg/kg	0.1	<0.1	<0.1
Acenaphthene	mg/kg	0.1	<0.1	<0.1
Fluorene	mg/kg	0.1	<0.1	<0.1
Phenanthrene	mg/kg	0.1	0.6	0.1
Anthracene	mg/kg	0.1	0.1	<0.1
Fluoranthene	mg/kg	0.1	1.0	0.3
Pyrene	mg/kg	0.1	1.0	0.3
Benzo(a)anthracene	mg/kg	0.1	0.3	0.1
Chrysene	mg/kg	0.1	0.4	0.1
Benzo(b&j)fluoranthene	mg/kg	0.1	0.5	0.2
Benzo(k)fluoranthene	mg/kg	0.1	0.2	<0.1
Benzo(a)pyrene	mg/kg	0.1	0.4	0.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	0.3	0.1
Dibenzo(ah)anthracene	mg/kg	0.1	<0.1	<0.1
Benzo(ghi)perylene	mg/kg	0.1	0.3	0.1
Carcinogenic PAHs, BaP TEQ <LOR=0*	TEQ (mg/kg)	0.2	0.6	<0.2
Carcinogenic PAHs, BaP TEQ <LOR=LOR*	TEQ (mg/kg)	0.3	0.7	<0.3
Carcinogenic PAHs, BaP TEQ <LOR=LOR/2*	TEQ (mg/kg)	0.2	0.6	0.2
Total PAH (18)	mg/kg	0.8	5.2	1.6
Total PAH (NEPM/WHO 16)	mg/kg	0.8	5.2	1.6

OC Pesticides in Soil [AN420] Tested: 6/10/2023

PARAMETER	UOM	LOR	BH1/0.3	BH5/0.1
			SOIL - 29/9/2023 SE254539.001	SOIL - 29/9/2023 SE254539.007
Hexachlorobenzene (HCB)	mg/kg	0.1	<0.1	<0.1
Alpha BHC	mg/kg	0.1	<0.1	<0.1
Lindane (gamma BHC)	mg/kg	0.1	<0.1	<0.1
Heptachlor	mg/kg	0.1	<0.1	<0.1
Aldrin	mg/kg	0.1	<0.1	<0.1
Beta BHC	mg/kg	0.1	<0.1	<0.1
Delta BHC	mg/kg	0.1	<0.1	<0.1
Heptachlor epoxide	mg/kg	0.1	<0.1	<0.1
o,p'-DDE*	mg/kg	0.1	<0.1	<0.1
Alpha Endosulfan	mg/kg	0.2	<0.2	<0.2
Gamma Chlordane	mg/kg	0.1	<0.1	<0.1
Alpha Chlordane	mg/kg	0.1	<0.1	<0.1
trans-Nonachlor	mg/kg	0.1	<0.1	<0.1
p,p'-DDE	mg/kg	0.1	0.1	<0.1
Dieldrin	mg/kg	0.2	<0.2	<0.2
Endrin	mg/kg	0.2	<0.2	<0.2
o,p'-DDD*	mg/kg	0.1	<0.1	<0.1
o,p'-DDT*	mg/kg	0.1	<0.1	<0.1
Beta Endosulfan	mg/kg	0.2	<0.2	<0.2
p,p'-DDD	mg/kg	0.1	<0.1	<0.1
p,p'-DDT	mg/kg	0.1	<0.1	<0.1
Endosulfan sulphate	mg/kg	0.1	<0.1	<0.1
Endrin aldehyde	mg/kg	0.1	<0.1	<0.1
Methoxychlor	mg/kg	0.1	<0.1	<0.1
Endrin ketone	mg/kg	0.1	<0.1	<0.1
Isodrin	mg/kg	0.1	<0.1	<0.1
Mirex	mg/kg	0.1	<0.1	<0.1
Total CLP OC Pesticides	mg/kg	1	<1	<1
Total OC VIC EPA	mg/kg	1	<1	<1



ANALYTICAL RESULTS

SE254539 R0

PCBs in Soil [AN420] Tested: 6/10/2023

PARAMETER	UOM	LOR	BH1/0.3	BH5/0.1
			SOIL - 29/9/2023 SE254539.001	SOIL - 29/9/2023 SE254539.007
Arochlor 1016	mg/kg	0.2	<0.2	<0.2
Arochlor 1221	mg/kg	0.2	<0.2	<0.2
Arochlor 1232	mg/kg	0.2	<0.2	<0.2
Arochlor 1242	mg/kg	0.2	<0.2	<0.2
Arochlor 1248	mg/kg	0.2	<0.2	<0.2
Arochlor 1254	mg/kg	0.2	<0.2	<0.2
Arochlor 1260	mg/kg	0.2	<0.2	<0.2
Arochlor 1262	mg/kg	0.2	<0.2	<0.2
Arochlor 1268	mg/kg	0.2	<0.2	<0.2
Total PCBs (Arochlors)	mg/kg	1	<1	<1

Total Recoverable Elements in Soil/Waste Solids/Materials by ICPOES [AN040/AN320] Tested: 6/10/2023

PARAMETER	UOM	LOR	BH1/0.3	BH2/0.3	BH2/0.5	BH3/0.2	BH5/0.1
			SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-
			29/9/2023 SE254539.001	29/9/2023 SE254539.002	29/9/2023 SE254539.003	29/9/2023 SE254539.004	29/9/2023 SE254539.007
Arsenic, As	mg/kg	1	6	5	5	6	4
Cadmium, Cd	mg/kg	0.3	0.4	<0.3	<0.3	<0.3	<0.3
Chromium, Cr	mg/kg	0.5	21	8.7	8.8	12	38
Copper, Cu	mg/kg	0.5	39	10	8.2	12	42
Lead, Pb	mg/kg	1	70	13	7	14	50
Nickel, Ni	mg/kg	0.5	17	3.1	1.7	3.0	42
Zinc, Zn	mg/kg	2	140	37	16	20	180

PARAMETER	UOM	LOR	BH5/0.5	QA1
			SOIL	SOIL
			-	-
			29/9/2023 SE254539.008	29/9/2023 SE254539.009
Arsenic, As	mg/kg	1	6	6
Cadmium, Cd	mg/kg	0.3	<0.3	0.3
Chromium, Cr	mg/kg	0.5	8.5	11
Copper, Cu	mg/kg	0.5	35	39
Lead, Pb	mg/kg	1	40	57
Nickel, Ni	mg/kg	0.5	3.1	3.6
Zinc, Zn	mg/kg	2	71	89

Mercury in Soil [AN312] Tested: 6/10/2023

			BH1/0.3	BH2/0.3	BH2/0.5	BH3/0.2	BH5/0.1
			SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-
			29/9/2023	29/9/2023	29/9/2023	29/9/2023	29/9/2023
PARAMETER	UOM	LOR	SE254539.001	SE254539.002	SE254539.003	SE254539.004	SE254539.007
Mercury	mg/kg	0.05	0.06	<0.05	<0.05	<0.05	0.06

			BH5/0.5	QA1
			SOIL	SOIL
			-	-
			29/9/2023	29/9/2023
PARAMETER	UOM	LOR	SE254539.008	SE254539.009
Mercury	mg/kg	0.05	0.06	0.07

Moisture Content [AN002] Tested: 6/10/2023

PARAMETER	UOM	LOR	BH1/0.3	BH2/0.3	BH2/0.5	BH3/0.2	BH4/0.0
			SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-
			29/9/2023	29/9/2023	29/9/2023	29/9/2023	29/9/2023
			SE254539.001	SE254539.002	SE254539.003	SE254539.004	SE254539.005
% Moisture	%w/w	1	11.8	15.0	16.1	17.8	17.8

PARAMETER	UOM	LOR	BH4/0.5	BH5/0.1	BH5/0.5	QA1
			SOIL	SOIL	SOIL	SOIL
			-	-	-	-
			29/9/2023	29/9/2023	29/9/2023	29/9/2023
			SE254539.006	SE254539.007	SE254539.008	SE254539.009
% Moisture	%w/w	1	16.2	11.2	20.3	20.8



ANALYTICAL RESULTS

SE254539 R0

Fibre Identification in soil [AS4964/AN602] Tested: 9/10/2023

			BH1/0.3	BH2/0.3	BH3/0.2	BH4/0.0	BH5/0.1
			SOIL	SOIL	SOIL	SOIL	SOIL
			-	-	-	-	-
			29/9/2023	29/9/2023	29/9/2023	29/9/2023	29/9/2023
PARAMETER	UOM	LOR	SE254539.001	SE254539.002	SE254539.004	SE254539.005	SE254539.007
Asbestos Detected	No unit	-	Yes	No	No	No	No
Estimated Fibres*	%w/w	0.01	>0.01	<0.01	<0.01	<0.01	<0.01

METHOD

METHODOLOGY SUMMARY

AN002	The test is carried out by drying (at either 40°C or 105°C) a known mass of sample in a weighed evaporating basin. After fully dry the sample is re-weighed. Samples such as sludge and sediment having high percentages of moisture will take some time in a drying oven for complete removal of water.
AN040/AN320	A portion of sample is digested with nitric acid to decompose organic matter and hydrochloric acid to complete the digestion of metals. The digest is then analysed by ICP OES with metals results reported on the dried sample basis. Based on USEPA method 200.8 and 6010C.
AN040	A portion of sample is digested with Nitric acid to decompose organic matter and Hydrochloric acid to complete the digestion of metals and then filtered for analysis by AAS or ICP as per USEPA Method 200.8.
AN312	Mercury by Cold Vapour AAS in Soils: After digestion with nitric acid, hydrogen peroxide and hydrochloric acid, mercury ions are reduced by stannous chloride reagent in acidic solution to elemental mercury. This mercury vapour is purged by nitrogen into a cold cell in an atomic absorption spectrometer or mercury analyser. Quantification is made by comparing absorbances to those of the calibration standards. Reference APHA 3112/3500
AN403	Total Recoverable Hydrocarbons: Determination of Hydrocarbons by gas chromatography after a solvent extraction. Detection is by flame ionisation detector (FID) that produces an electronic signal in proportion to the combustible matter passing through it. Total Recoverable Hydrocarbons (TRH) are routinely reported as four alkane groupings based on the carbon chain length of the compounds: C6-C9, C10-C14, C15-C28 and C29-C36 and in recognition of the NEPM 1999 (2013), >C10-C16 (F2), >C16-C34 (F3) and >C34-C40 (F4). F2 is reported directly and also corrected by subtracting Naphthalene (from VOC method AN433) where available.
AN403	Additionally, the volatile C6-C9 fraction may be determined by a purge and trap technique and GC/MS because of the potential for volatiles loss. Total Recoverable Hydrocarbons - Silica (TRH-Si) follows the same method of analysis after silica gel cleanup of the solvent extract. Aliphatic/Aromatic Speciation follows the same method of analysis after fractionation of the solvent extract over silica with differential polarity of the eluent solvents.
AN403	The GC/FID method is not well suited to the analysis of refined high boiling point materials (ie lubricating oils or greases) but is particularly suited for measuring diesel, kerosene and petrol if care to control volatility is taken. This method will detect naturally occurring hydrocarbons, lipids, animal fats, phenols and PAHs if they are present at sufficient levels, dependent on the use of specific cleanup/fractionation techniques. Reference USEPA 3510B, 8015B.
AN420	(SVOCs) including OC, OP, PCB, Herbicides, PAH, Phthalates and Speciated Phenols (etc) in soils, sediments and waters are determined by GCMS/ECD technique following appropriate solvent extraction process (Based on USEPA 3500C and 8270D). Total PAH calculated from individual analyte detections at or above the limit of reporting.
AN420	SVOC Compounds: Semi-Volatile Organic Compounds (SVOCs) including OC, OP, PCB, Herbicides, PAH, Phthalates and Speciated Phenols in soils, sediments and waters are determined by GCMS/ECD technique following appropriate solvent extraction process (Based on USEPA 3500C and 8270D).
AN433	VOCs and C6-C9 Hydrocarbons by GC-MS P&T: VOC's are volatile organic compounds. The sample is presented to a gas chromatograph via a purge and trap (P&T) concentrator and autosampler and is detected with a Mass Spectrometer (MSD). Solid samples are initially extracted with methanol whilst liquid samples are processed directly. References: USEPA 5030B, 8020A, 8260.
AN602/AS4964	Qualitative identification of chrysotile, amosite and crocidolite in bulk samples by polarised light microscopy (PLM) in conjunction with dispersion staining (DS). AS4964 provides the basis for this document. Unequivocal identification of the asbestos minerals present is made by obtaining sufficient diagnostic 'clues', which provide a reasonable degree of certainty, dispersion staining is a mandatory 'clue' for positive identification. If sufficient 'clues' are absent, then positive identification of asbestos is not possible. This procedure requires removal of suspect fibres/bundles from the sample which cannot be returned.
AN602/AS4964	Fibres/material that cannot be unequivocally identified as one of the three asbestos forms, will be reported as unknown mineral fibres (umf) The fibres detected may or may not be asbestos fibres.
AN602/AS4964	AS4964.2004 Method for the Qualitative Identification of Asbestos in Bulk Samples, Section 8.4, Trace Analysis Criteria, Note 4 states:"Depending upon sample condition and fibre type, the detection/reporting limit (RL) of this technique has been found to lie generally in the range of 1 in 1,000 to 1 in 10,000 parts by weight, equivalent to 1 to 0.1 g/kg."
AN602/AS4964	The sample can be reported "no asbestos found at the reporting limit (RL) of 0.1 g/kg" (<0.01%w/w) where AN602 section 4.5 of this method has been followed, and if- (a) no trace asbestos fibres have been detected (i.e. no 'respirable' fibres): (b) the estimated weight of non-respirable asbestos fibre bundles and/or the estimated weight of asbestos in asbestos-containing materials are found to be less than 0.1g/kg; and (c) these non-respirable asbestos fibre bundles and/or the asbestos containing materials are only visible under stereo-microscope viewing conditions.

FOOTNOTES

*	NATA accreditation does not cover the performance of this service.	-	Not analysed.	UOM	Unit of Measure.
**	Indicative data, theoretical holding time exceeded.	NVL	Not validated.	LOR	Limit of Reporting.
***	Indicates that both * and ** apply.	IS	Insufficient sample for analysis.	↑↓	Raised/lowered Limit of Reporting.
		LNR	Sample listed, but not received.		

Unless it is reported that sampling has been performed by SGS, the samples have been analysed as received.
Solid samples expressed on a dry weight basis.

Where "Total" analyte groups are reported (for example, Total PAHs, Total OC Pesticides) the total will be calculated as the sum of the individual analytes, with those analytes that are reported as <LOR being assumed to be zero. The summed (Total) limit of reporting is calculated by summing the individual analyte LORs and dividing by two. For example, where 16 individual analytes are being summed and each has an LOR of 0.1 mg/kg, the "Totals" LOR will be 1.6 / 2 (0.8 mg/kg). Where only 2 analytes are being summed, the "Total" LOR will be the sum of those two LORs.

Some totals may not appear to add up because the total is rounded after adding up the raw values.

If reported, measurement uncertainty follow the ± sign after the analytical result and is expressed as the expanded uncertainty calculated using a coverage factor of 2, providing a level of confidence of approximately 95%, unless stated otherwise in the comments section of this report.

Results reported for samples tested under test methods with codes starting with ARS-SOP, radionuclide or gross radioactivity concentrations are expressed in becquerel (Bq) per unit of mass or volume or per wipe as stated on the report. Becquerel is the SI unit for activity and equals one nuclear transformation per second.

Note that in terms of units of radioactivity:

- 1 Bq is equivalent to 27 pCi
- 37 MBq is equivalent to 1 mCi

For results reported for samples tested under test methods with codes starting with ARS-SOP, less than (<) values indicate the detection limit for each radionuclide or parameter for the measurement system used. The respective detection limits have been calculated in accordance with ISO 11929.

The QC and MU criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here: www.sgs.com.au/en-gb/environment-health-and-safety.

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ANALYTICAL REPORT



Accreditation No. 2562

CLIENT DETAILS

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Project EP241 Bankstown
Order Number EP241
Samples 5

LABORATORY DETAILS

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SGS Reference SE254539 R0
Date Received 29 Sep 2023
Date Reported 10 Oct 2023

COMMENTS

Accredited for compliance with ISO/IEC 17025 - Testing. NATA accredited laboratory 2562(4354).

No respirable fibres detected in all soil samples using trace analysis technique.

Sample #1: Chrysotile asbestos found in approx 14x10x4mm cement sheet fragment.

Asbestos analysed by Approved Identifier Yusuf Kuthpudin

SIGNATORIES

Ravee SIVASUBRAMANIAM
Hygiene Team Leader

RESULTS

Fibre Identification in soil

Method AS4964/AN602

Laboratory Reference	Client Reference	Matrix	Sample Description	Date Sampled	Fibre Identification	Est.%w/w*
SE254539.001	BH1/0.3	Soil	139g Clay, Sand, Rocks	29 Sep 2023	Chrysotile Asbestos Found at RL of 0.1g/kg Organic Fibres Detected	>0.01
SE254539.002	BH2/0.3	Soil	131g Clay, Sand, Rocks	29 Sep 2023	No Asbestos Found at RL of 0.1g/kg	<0.01
SE254539.004	BH3/0.2	Soil	203g Clay, Sand, Rocks, Bitumen	29 Sep 2023	No Asbestos Found at RL of 0.1g/kg	<0.01
SE254539.005	BH4/0.0	Soil	152g Clay, Sand, Rocks, Bitumen	29 Sep 2023	No Asbestos Found at RL of 0.1g/kg	<0.01
SE254539.007	BH5/0.1	Soil	182g Sand, Soil, Rocks	29 Sep 2023	No Asbestos Found at RL of 0.1g/kg Organic Fibres Detected	<0.01

METHOD

METHODOLOGY SUMMARY

AN602/AS4964	Qualitative identification of chrysotile, amosite and crocidolite in bulk samples by polarised light microscopy (PLM) in conjunction with dispersion staining (DS). AS4964 provides the basis for this document. Unequivocal identification of the asbestos minerals present is made by obtaining sufficient diagnostic 'clues', which provide a reasonable degree of certainty, dispersion staining is a mandatory 'clue' for positive identification. If sufficient 'clues' are absent, then positive identification of asbestos is not possible. This procedure requires removal of suspect fibres/bundles from the sample which cannot be returned.
AN602/AS4964	Fibres/material that cannot be unequivocally identified as one of the three asbestos forms, will be reported as unknown mineral fibres (umf) The fibres detected may or may not be asbestos fibres.
AN602/AS4964	AS4964.2004 Method for the Qualitative Identification of Asbestos in Bulk Samples, Section 8.4, Trace Analysis Criteria, Note 4 states: "Depending upon sample condition and fibre type, the detection/reporting limit (RL) of this technique has been found to lie generally in the range of 1 in 1,000 to 1 in 10,000 parts by weight, equivalent to 1 to 0.1 g/kg."
AN602/AS4964	The sample can be reported "no asbestos found at the reporting limit (RL) of 0.1 g/kg" (<0.01%w/w) where AN602 section 4.5 of this method has been followed, and if- (a) no trace asbestos fibres have been detected (i.e. no 'respirable' fibres); (b) the estimated weight of non-respirable asbestos fibre bundles and/or the estimated weight of asbestos in asbestos-containing materials are found to be less than 0.1g/kg; and (c) these non-respirable asbestos fibre bundles and/or the asbestos containing materials are only visible under stereo-microscope viewing conditions.

FOOTNOTES

Amosite	-	Brown Asbestos	NA	-	Not Analysed
Chrysotile	-	White Asbestos	LNR	-	Listed, Not Required
Crocidolite	-	Blue Asbestos	*	-	NATA accreditation does not cover the performance of this service.
Amphiboles	-	Amosite and/or Crocidolite	**	-	Indicative data, theoretical holding time exceeded.
			***	-	Indicates that both * and ** apply.

(In reference to soil samples only) This report does not comply with the analytical reporting recommendations in the Western Australian Department of Health Guidelines for the Assessment and Remediation and Management of Asbestos Contaminated sites in Western Australia - May 2009.

Unless it is reported that sampling has been performed by SGS, the samples have been analysed as received.

Where reported: 'Asbestos Detected': Asbestos detected by polarised light microscopy, including dispersion staining.

Where reported: 'No Asbestos Found': No Asbestos Found by polarised light microscopy, including dispersion staining.

Where reported: 'UMF Detected': Mineral fibres of unknown type detected by polarised light microscopy, including dispersion staining. Confirmation by another independent analytical technique may be necessary.

Even after disintegration it can be very difficult, or impossible, to detect the presence of asbestos in some asbestos-containing bulk materials using polarised light microscopy. This is due to the low grade or small length or diameter of asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials.

The QC and MU criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here: www.sgs.com.au/en-gb/environment-health-and-safety.

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STATEMENT OF QA/QC PERFORMANCE

SE254539 R0

CLIENT DETAILS

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Project EP241 Bankstown
Order Number EP241
Samples 9

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SGS Reference SE254539 R0
Date Received 29 Sep 2023
Date Reported 10 Oct 2023

COMMENTS

All the laboratory data for each environmental matrix was compared to SGS' stated Data Quality Objectives (DQO). Comments arising from the comparison were made and are reported below.

The data relating to sampling was taken from the Chain of Custody document.

This QA/QC Statement must be read in conjunction with the referenced Analytical Report.

The Statement and the Analytical Report must not be reproduced except in full.

All Data Quality Objectives were met with the exception of the following:

Duplicate	Total Recoverable Elements in Soil/Waste Solids/Materials by ICPOES	1 item
Matrix Spike	Total Recoverable Elements in Soil/Waste Solids/Materials by ICPOES	1 item

SAMPLE SUMMARY

Sample counts by matrix	9 Soil	Type of documentation received	COC
Date documentation received	29/9/2023	Samples received in good order	Yes
Samples received without headspace	Yes	Sample temperature upon receipt	7.3°C
Sample container provider	SGS	Turnaround time requested	Standard
Samples received in correct containers	Yes	Sufficient sample for analysis	Yes
Sample cooling method	Ice	Samples clearly labelled	Yes
Complete documentation received	Yes		

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field Sampling Guide for Containers and Holding Time" (ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1 : 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

Extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and analysis dates are shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria. If the

Fibre Identification in soil**Method: ME-(AU)-JENVJAS4964/AN602**

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1/0.3	SE254539.001	LB292475	29 Sep 2023	29 Sep 2023	28 Sep 2024	09 Oct 2023	28 Sep 2024	09 Oct 2023
BH2/0.3	SE254539.002	LB292475	29 Sep 2023	29 Sep 2023	28 Sep 2024	09 Oct 2023	28 Sep 2024	09 Oct 2023
BH3/0.2	SE254539.004	LB292475	29 Sep 2023	29 Sep 2023	28 Sep 2024	09 Oct 2023	28 Sep 2024	09 Oct 2023
BH4/0.0	SE254539.005	LB292475	29 Sep 2023	29 Sep 2023	28 Sep 2024	09 Oct 2023	28 Sep 2024	09 Oct 2023
BH5/0.1	SE254539.007	LB292475	29 Sep 2023	29 Sep 2023	28 Sep 2024	09 Oct 2023	28 Sep 2024	09 Oct 2023

Mercury in Soil**Method: ME-(AU)-JENVJAN312**

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1/0.3	SE254539.001	LB292701	29 Sep 2023	29 Sep 2023	27 Oct 2023	06 Oct 2023	27 Oct 2023	09 Oct 2023
BH2/0.3	SE254539.002	LB292701	29 Sep 2023	29 Sep 2023	27 Oct 2023	06 Oct 2023	27 Oct 2023	09 Oct 2023
BH2/0.5	SE254539.003	LB292701	29 Sep 2023	29 Sep 2023	27 Oct 2023	06 Oct 2023	27 Oct 2023	09 Oct 2023
BH3/0.2	SE254539.004	LB292701	29 Sep 2023	29 Sep 2023	27 Oct 2023	06 Oct 2023	27 Oct 2023	09 Oct 2023
BH5/0.1	SE254539.007	LB292701	29 Sep 2023	29 Sep 2023	27 Oct 2023	06 Oct 2023	27 Oct 2023	09 Oct 2023
BH5/0.5	SE254539.008	LB292701	29 Sep 2023	29 Sep 2023	27 Oct 2023	06 Oct 2023	27 Oct 2023	09 Oct 2023
QA1	SE254539.009	LB292701	29 Sep 2023	29 Sep 2023	27 Oct 2023	06 Oct 2023	27 Oct 2023	09 Oct 2023

Moisture Content**Method: ME-(AU)-JENVJAN002**

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1/0.3	SE254539.001	LB292699	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	11 Oct 2023	09 Oct 2023
BH2/0.3	SE254539.002	LB292699	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	11 Oct 2023	09 Oct 2023
BH2/0.5	SE254539.003	LB292699	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	11 Oct 2023	09 Oct 2023
BH3/0.2	SE254539.004	LB292699	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	11 Oct 2023	09 Oct 2023
BH4/0.0	SE254539.005	LB292699	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	11 Oct 2023	09 Oct 2023
BH4/0.5	SE254539.006	LB292699	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	11 Oct 2023	09 Oct 2023
BH5/0.1	SE254539.007	LB292699	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	11 Oct 2023	09 Oct 2023
BH5/0.5	SE254539.008	LB292699	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	11 Oct 2023	09 Oct 2023
QA1	SE254539.009	LB292699	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	11 Oct 2023	09 Oct 2023

OC Pesticides in Soil**Method: ME-(AU)-JENVJAN420**

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1/0.3	SE254539.001	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH2/0.5	SE254539.003	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH3/0.2	SE254539.004	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH4/0.0	SE254539.005	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH4/0.5	SE254539.006	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH5/0.1	SE254539.007	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH5/0.5	SE254539.008	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023

PAH (Polynuclear Aromatic Hydrocarbons) in Soil**Method: ME-(AU)-JENVJAN420**

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1/0.3	SE254539.001	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH2/0.5	SE254539.003	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH3/0.2	SE254539.004	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH4/0.0	SE254539.005	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH4/0.5	SE254539.006	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH5/0.1	SE254539.007	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH5/0.5	SE254539.008	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023

PCBs in Soil**Method: ME-(AU)-JENVJAN420**

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1/0.3	SE254539.001	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH2/0.5	SE254539.003	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH3/0.2	SE254539.004	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH4/0.0	SE254539.005	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH4/0.5	SE254539.006	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH5/0.1	SE254539.007	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023
BH5/0.5	SE254539.008	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	09 Oct 2023

Total Recoverable Elements in Soil/Waste Solids/Materials by ICPOES**Method: ME-(AU)-JENVJAN040/AN320**

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1/0.3	SE254539.001	LB292700	29 Sep 2023	29 Sep 2023	27 Mar 2024	06 Oct 2023	27 Mar 2024	09 Oct 2023
BH2/0.3	SE254539.002	LB292700	29 Sep 2023	29 Sep 2023	27 Mar 2024	06 Oct 2023	27 Mar 2024	09 Oct 2023
BH2/0.5	SE254539.003	LB292700	29 Sep 2023	29 Sep 2023	27 Mar 2024	06 Oct 2023	27 Mar 2024	09 Oct 2023

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field Sampling Guide for Containers and Holding Time" (ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1 : 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

Extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and analysis dates are shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria. If the

Total Recoverable Elements in Soil/Waste Solids/Materials by ICPOES (continued)

Method: ME-(AU)-[ENV]AN040/AN320

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH3/0.2	SE254539.004	LB292700	29 Sep 2023	29 Sep 2023	27 Mar 2024	06 Oct 2023	27 Mar 2024	09 Oct 2023
BH5/0.1	SE254539.007	LB292700	29 Sep 2023	29 Sep 2023	27 Mar 2024	06 Oct 2023	27 Mar 2024	09 Oct 2023
BH5/0.5	SE254539.008	LB292700	29 Sep 2023	29 Sep 2023	27 Mar 2024	06 Oct 2023	27 Mar 2024	09 Oct 2023
QA1	SE254539.009	LB292700	29 Sep 2023	29 Sep 2023	27 Mar 2024	06 Oct 2023	27 Mar 2024	09 Oct 2023

TRH (Total Recoverable Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN403

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1/0.3	SE254539.001	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	10 Oct 2023
BH2/0.5	SE254539.003	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	10 Oct 2023
BH3/0.2	SE254539.004	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	10 Oct 2023
BH4/0.0	SE254539.005	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	10 Oct 2023
BH4/0.5	SE254539.006	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	10 Oct 2023
BH5/0.1	SE254539.007	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	10 Oct 2023
BH5/0.5	SE254539.008	LB292697	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	15 Nov 2023	10 Oct 2023

VOC's in Soil

Method: ME-(AU)-[ENV]AN433

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1/0.3	SE254539.001	LB292698	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	13 Oct 2023	09 Oct 2023
BH2/0.5	SE254539.003	LB292698	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	13 Oct 2023	09 Oct 2023
BH3/0.2	SE254539.004	LB292698	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	13 Oct 2023	09 Oct 2023
BH4/0.0	SE254539.005	LB292698	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	13 Oct 2023	09 Oct 2023
BH4/0.5	SE254539.006	LB292698	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	13 Oct 2023	09 Oct 2023
BH5/0.1	SE254539.007	LB292698	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	13 Oct 2023	09 Oct 2023

Volatile Petroleum Hydrocarbons in Soil

Method: ME-(AU)-[ENV]AN433

Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
BH1/0.3	SE254539.001	LB292698	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	13 Oct 2023	09 Oct 2023
BH2/0.5	SE254539.003	LB292698	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	13 Oct 2023	09 Oct 2023
BH3/0.2	SE254539.004	LB292698	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	13 Oct 2023	09 Oct 2023
BH4/0.0	SE254539.005	LB292698	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	13 Oct 2023	09 Oct 2023
BH4/0.5	SE254539.006	LB292698	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	13 Oct 2023	09 Oct 2023
BH5/0.1	SE254539.007	LB292698	29 Sep 2023	29 Sep 2023	13 Oct 2023	06 Oct 2023	13 Oct 2023	09 Oct 2023

Surrogate results are evaluated against upper and lower limit criteria established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). At least two of three routine level soil sample surrogate spike recoveries for BTEX/VOC are to be within 70-130% where control charts have not been developed and within the established control limits for charted surrogates. Matrix effects may void this as an acceptance criterion. Water sample surrogate spike recoveries are to be within 40-130%. The presence of emulsions, surfactants and particulates may void this as an acceptance criterion.

Result is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

OC Pesticides in Soil

Method: ME-(AU)-[ENV]AN420

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
Tetrachloro-m-xylene (TCMX) (Surrogate)	BH1/0.3	SE254539.001	%	60 - 130%	74
	BH5/0.1	SE254539.007	%	60 - 130%	78

PAH (Polynuclear Aromatic Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN420

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
2-fluorobiphenyl (Surrogate)	BH1/0.3	SE254539.001	%	70 - 130%	98
	BH2/0.5	SE254539.003	%	70 - 130%	100
	BH3/0.2	SE254539.004	%	70 - 130%	101
	BH4/0.0	SE254539.005	%	70 - 130%	99
	BH4/0.5	SE254539.006	%	70 - 130%	98
	BH5/0.1	SE254539.007	%	70 - 130%	98
	BH5/0.5	SE254539.008	%	70 - 130%	98
d14-p-terphenyl (Surrogate)	BH1/0.3	SE254539.001	%	70 - 130%	108
	BH2/0.5	SE254539.003	%	70 - 130%	108
	BH3/0.2	SE254539.004	%	70 - 130%	110
	BH4/0.0	SE254539.005	%	70 - 130%	104
	BH4/0.5	SE254539.006	%	70 - 130%	105
	BH5/0.1	SE254539.007	%	70 - 130%	104
	BH5/0.5	SE254539.008	%	70 - 130%	104
d5-nitrobenzene (Surrogate)	BH1/0.3	SE254539.001	%	70 - 130%	93
	BH2/0.5	SE254539.003	%	70 - 130%	92
	BH3/0.2	SE254539.004	%	70 - 130%	95
	BH4/0.0	SE254539.005	%	70 - 130%	105
	BH4/0.5	SE254539.006	%	70 - 130%	105
	BH5/0.1	SE254539.007	%	70 - 130%	106
	BH5/0.5	SE254539.008	%	70 - 130%	105

PCBs in Soil

Method: ME-(AU)-[ENV]AN420

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
TCMX (Surrogate)	BH1/0.3	SE254539.001	%	60 - 130%	75
	BH5/0.1	SE254539.007	%	60 - 130%	86

VOC's in Soil

Method: ME-(AU)-[ENV]AN433

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
Bromofluorobenzene (Surrogate)	BH1/0.3	SE254539.001	%	60 - 130%	90
	BH2/0.5	SE254539.003	%	60 - 130%	100
	BH3/0.2	SE254539.004	%	60 - 130%	80
	BH4/0.0	SE254539.005	%	60 - 130%	93
	BH4/0.5	SE254539.006	%	60 - 130%	94
	BH5/0.1	SE254539.007	%	60 - 130%	92
d4-1,2-dichloroethane (Surrogate)	BH1/0.3	SE254539.001	%	60 - 130%	85
	BH2/0.5	SE254539.003	%	60 - 130%	91
	BH3/0.2	SE254539.004	%	60 - 130%	83
	BH4/0.0	SE254539.005	%	60 - 130%	88
	BH4/0.5	SE254539.006	%	60 - 130%	86
	BH5/0.1	SE254539.007	%	60 - 130%	88
d8-toluene (Surrogate)	BH1/0.3	SE254539.001	%	60 - 130%	88
	BH2/0.5	SE254539.003	%	60 - 130%	96
	BH3/0.2	SE254539.004	%	60 - 130%	88
	BH4/0.0	SE254539.005	%	60 - 130%	91
	BH4/0.5	SE254539.006	%	60 - 130%	86
	BH5/0.1	SE254539.007	%	60 - 130%	86

Volatile Petroleum Hydrocarbons in Soil

Method: ME-(AU)-[ENV]AN433

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
Bromofluorobenzene (Surrogate)	BH1/0.3	SE254539.001	%	60 - 130%	90
	BH2/0.5	SE254539.003	%	60 - 130%	100
	BH3/0.2	SE254539.004	%	60 - 130%	80
	BH5/0.1	SE254539.007	%	60 - 130%	92
d4-1,2-dichloroethane (Surrogate)	BH1/0.3	SE254539.001	%	60 - 130%	85
	BH2/0.5	SE254539.003	%	60 - 130%	91
	BH3/0.2	SE254539.004	%	60 - 130%	83

Surrogate results are evaluated against upper and lower limit criteria established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). At least two of three routine level soil sample surrogate spike recoveries for BTEX/VOC are to be within 70-130% where control charts have not been developed and within the established control limits for charted surrogates. Matrix effects may void this as an acceptance criterion. Water sample surrogate spike recoveries are to be within 40-130%. The presence of emulsions, surfactants and particulates may void this as an acceptance criterion.

Result is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

Volatile Petroleum Hydrocarbons in Soil (continued)**Method: ME-(AU)-[ENV]AN433**

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
d4-1,2-dichloroethane (Surrogate)	BH5/0.1	SE254539.007	%	60 - 130%	88
d8-toluene (Surrogate)	BH1/0.3	SE254539.001	%	60 - 130%	88
	BH2/0.5	SE254539.003	%	60 - 130%	96
	BH3/0.2	SE254539.004	%	60 - 130%	88
	BH5/0.1	SE254539.007	%	60 - 130%	86

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria.

Mercury in Soil

Method: ME-(AU)-ENVJAN312

Sample Number	Parameter	Units	LOR	Result
LB292701.001	Mercury	mg/kg	0.05	<0.05

OC Pesticides in Soil

Method: ME-(AU)-ENVJAN420

Sample Number	Parameter	Units	LOR	Result
LB292697.001	Alpha BHC	mg/kg	0.1	<0.1
	Hexachlorobenzene (HCB)	mg/kg	0.1	<0.1
	Beta BHC	mg/kg	0.1	<0.1
	Lindane (gamma BHC)	mg/kg	0.1	<0.1
	Delta BHC	mg/kg	0.1	<0.1
	Heptachlor	mg/kg	0.1	<0.1
	Aldrin	mg/kg	0.1	<0.1
	Isodrin	mg/kg	0.1	<0.1
	Heptachlor epoxide	mg/kg	0.1	<0.1
	Gamma Chlordane	mg/kg	0.1	<0.1
	Alpha Chlordane	mg/kg	0.1	<0.1
	Alpha Endosulfan	mg/kg	0.2	<0.2
	p,p'-DDE	mg/kg	0.1	<0.1
	Dieldrin	mg/kg	0.2	<0.2
	Endrin	mg/kg	0.2	<0.2
	Beta Endosulfan	mg/kg	0.2	<0.2
	p,p'-DDD	mg/kg	0.1	<0.1
	Endrin aldehyde	mg/kg	0.1	<0.1
	Endosulfan sulphate	mg/kg	0.1	<0.1
	p,p'-DDT	mg/kg	0.1	<0.1
	Endrin ketone	mg/kg	0.1	<0.1
	Methoxychlor	mg/kg	0.1	<0.1
	Mirex	mg/kg	0.1	<0.1
Surrogates	Tetrachloro-m-xylene (TCMX) (Surrogate)	%	-	83

PAH (Polynuclear Aromatic Hydrocarbons) in Soil

Method: ME-(AU)-ENVJAN420

Sample Number	Parameter	Units	LOR	Result
LB292697.001	Naphthalene	mg/kg	0.1	<0.1
	2-methylnaphthalene	mg/kg	0.1	<0.1
	1-methylnaphthalene	mg/kg	0.1	<0.1
	Acenaphthylene	mg/kg	0.1	<0.1
	Acenaphthene	mg/kg	0.1	<0.1
	Fluorene	mg/kg	0.1	<0.1
	Phenanthrene	mg/kg	0.1	<0.1
	Anthracene	mg/kg	0.1	<0.1
	Fluoranthene	mg/kg	0.1	<0.1
	Pyrene	mg/kg	0.1	<0.1
	Benzo(a)anthracene	mg/kg	0.1	<0.1
	Chrysene	mg/kg	0.1	<0.1
	Benzo(a)pyrene	mg/kg	0.1	<0.1
	Indeno(1,2,3-cd)pyrene	mg/kg	0.1	<0.1
	Dibenzo(ah)anthracene	mg/kg	0.1	<0.1
	Benzo(ghi)perylene	mg/kg	0.1	<0.1
	Total PAH (18)	mg/kg	0.8	<0.8
	d5-nitrobenzene (Surrogate)	%	-	106
	2-fluorobiphenyl (Surrogate)	%	-	96
Surrogates	d14-p-terphenyl (Surrogate)	%	-	103

PCBs in Soil

Method: ME-(AU)-ENVJAN420

Sample Number	Parameter	Units	LOR	Result
LB292697.001	Arochlor 1016	mg/kg	0.2	<0.2
	Arochlor 1221	mg/kg	0.2	<0.2
	Arochlor 1232	mg/kg	0.2	<0.2
	Arochlor 1242	mg/kg	0.2	<0.2
	Arochlor 1248	mg/kg	0.2	<0.2
	Arochlor 1254	mg/kg	0.2	<0.2

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria.

PCBs in Soil (continued)

Method: ME-(AU)-[ENV]AN420

Sample Number	Parameter	Units	LOR	Result
LB292697.001	Arochlor 1260	mg/kg	0.2	<0.2
	Arochlor 1262	mg/kg	0.2	<0.2
	Arochlor 1268	mg/kg	0.2	<0.2
	Total PCBs (Arochlors)	mg/kg	1	<1
	Surrogates	TCMX (Surrogate)	%	-

Total Recoverable Elements in Soil/Waste Solids/Materials by ICPOES

Method: ME-(AU)-[ENV]AN040/AN320

Sample Number	Parameter	Units	LOR	Result
LB292700.001	Arsenic, As	mg/kg	1	<1
	Cadmium, Cd	mg/kg	0.3	<0.3
	Chromium, Cr	mg/kg	0.5	<0.5
	Copper, Cu	mg/kg	0.5	<0.5
	Nickel, Ni	mg/kg	0.5	<0.5
	Lead, Pb	mg/kg	1	<1
	Zinc, Zn	mg/kg	2	<2

TRH (Total Recoverable Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN403

Sample Number	Parameter	Units	LOR	Result
LB292697.001	TRH C10-C14	mg/kg	20	<20
	TRH C15-C28	mg/kg	45	<45
	TRH C29-C36	mg/kg	45	<45
	TRH C37-C40	mg/kg	100	<100
	TRH C10-C36 Total	mg/kg	110	<110

VOC's in Soil

Method: ME-(AU)-[ENV]AN433

Sample Number		Parameter	Units	LOR	Result	
LB292698.001	Fumigants	2,2-dichloropropane	mg/kg	0.1	<0.1	
		1,2-dichloropropane	mg/kg	0.1	<0.1	
		cis-1,3-dichloropropene	mg/kg	0.1	<0.1	
		trans-1,3-dichloropropene	mg/kg	0.1	<0.1	
	Halogenated Aliphatics	1,2-dibromoethane (EDB)	mg/kg	0.1	<0.1	
		Dichlorodifluoromethane (CFC-12)	mg/kg	1	<1	
		Chloromethane	mg/kg	1	<1	
		Vinyl chloride (Chloroethene)	mg/kg	0.1	<0.1	
		Bromomethane	mg/kg	1	<1	
		Chloroethane	mg/kg	1	<1	
		Trichlorofluoromethane	mg/kg	1	<1	
		1,1-dichloroethene	mg/kg	0.1	<0.1	
		Iodomethane	mg/kg	5	<5	
		Dichloromethane (Methylene chloride)	mg/kg	0.5	<0.5	
		Allyl chloride	mg/kg	0.1	<0.1	
		trans-1,2-dichloroethene	mg/kg	0.1	<0.1	
		1,1-dichloroethane	mg/kg	0.1	<0.1	
		cis-1,2-dichloroethene	mg/kg	0.1	<0.1	
		Bromochloromethane	mg/kg	0.1	<0.1	
		1,2-dichloroethane	mg/kg	0.1	<0.1	
		1,1,1-trichloroethane	mg/kg	0.1	<0.1	
		1,1-dichloropropene	mg/kg	0.1	<0.1	
		Carbon tetrachloride	mg/kg	0.1	<0.1	
		Dibromomethane	mg/kg	0.1	<0.1	
		Trichloroethene (Trichloroethylene,TCE)	mg/kg	0.1	<0.1	
		1,1,2-trichloroethane	mg/kg	0.1	<0.1	
		1,3-dichloropropane	mg/kg	0.1	<0.1	
		Tetrachloroethene (Perchloroethylene,PCE)	mg/kg	0.1	<0.1	
		1,1,1,2-tetrachloroethane	mg/kg	0.1	<0.1	
		1,1,2,2-tetrachloroethane	mg/kg	0.1	<0.1	
		1,2,3-trichloropropane	mg/kg	0.1	<0.1	
		trans-1,4-dichloro-2-butene	mg/kg	1	<1	
		1,2-dibromo-3-chloropropane	mg/kg	0.1	<0.1	
		Hexachlorobutadiene	mg/kg	0.1	<0.1	
		Halogenated Aromatics	Chlorobenzene	mg/kg	0.1	<0.1
			Bromobenzene	mg/kg	0.1	<0.1

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria.

VOC's in Soil (continued)

Method: ME-(AU)-ENVJAN433

Sample Number		Parameter	Units	LOR	Result
LB292698.001	Halogenated Aromatics	2-chlorotoluene	mg/kg	0.1	<0.1
		4-chlorotoluene	mg/kg	0.1	<0.1
		1,3-dichlorobenzene	mg/kg	0.1	<0.1
		1,4-dichlorobenzene	mg/kg	0.1	<0.1
		1,2-dichlorobenzene	mg/kg	0.1	<0.1
		1,2,4-trichlorobenzene	mg/kg	0.1	<0.1
		1,2,3-trichlorobenzene	mg/kg	0.1	<0.1
	Monocyclic Aromatic Hydrocarbons	Benzene	mg/kg	0.1	<0.1
		Toluene	mg/kg	0.1	<0.1
		Ethylbenzene	mg/kg	0.1	<0.1
		m/p-xylene	mg/kg	0.2	<0.2
		Styrene (Vinyl benzene)	mg/kg	0.1	<0.1
		o-xylene	mg/kg	0.1	<0.1
		Isopropylbenzene (Cumene)	mg/kg	0.1	<0.1
		n-propylbenzene	mg/kg	0.1	<0.1
		1,3,5-trimethylbenzene	mg/kg	0.1	<0.1
		tert-butylbenzene	mg/kg	0.1	<0.1
		1,2,4-trimethylbenzene	mg/kg	0.1	<0.1
		sec-butylbenzene	mg/kg	0.1	<0.1
		p-isopropyltoluene	mg/kg	0.1	<0.1
		n-butylbenzene	mg/kg	0.1	<0.1
	Nitrogenous Compounds	Acrylonitrile	mg/kg	0.1	<0.1
		2-nitropropane	mg/kg	10	<10
	Oxygenated Compounds	Acetone (2-propanone)	mg/kg	10	<10
		MtBE (Methyl-tert-butyl ether)	mg/kg	0.1	<0.1
		Vinyl acetate*	mg/kg	10	<10
		MIBK (4-methyl-2-pentanone)	mg/kg	1	<1
	Polycyclic VOCs	2-hexanone (MBK)	mg/kg	5	<5
		Naphthalene (VOC)*	mg/kg	0.1	<0.1
	Sulphonated	Carbon disulfide	mg/kg	0.5	<0.5
	Surrogates	d4-1,2-dichloroethane (Surrogate)	%	-	83
		d8-toluene (Surrogate)	%	-	90
		Bromofluorobenzene (Surrogate)	%	-	100
	Totals	Total Other Chlorinated Hydrocarbons VIC EPA*	mg/kg	1.8	<1.8
		Total Chlorinated Hydrocarbons VIC EPA*	mg/kg	1.8	<1.8
		Total BTEX*	mg/kg	0.6	<0.6
	Trihalomethanes	Chloroform (THM)	mg/kg	0.1	<0.1
		Bromodichloromethane (THM)	mg/kg	0.1	<0.1
		Dibromochloromethane (THM)	mg/kg	0.1	<0.1
		Bromoform (THM)	mg/kg	0.1	<0.1

Volatile Petroleum Hydrocarbons in Soil

Method: ME-(AU)-ENVJAN433

Sample Number		Parameter	Units	LOR	Result
LB292698.001		TRH C6-C9	mg/kg	20	<20
	Surrogates	d4-1,2-dichloroethane (Surrogate)	%	-	83

Duplicates are calculated as Relative Percentage Difference (RPD) using the formula: $RPD = | \text{OriginalResult} - \text{ReplicateResult} | \times 100 / \text{Mean}$

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: $MAD = 100 \times \text{SDL} / \text{Mean} + \text{LR}$

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

NOTE: The RPD reported is calculated from the unrounded data for the original and replicate result. Manual calculation of the RPD from the rounded data reported may

Mercury in Soil

Method: ME-(AU)-ENVJAN312

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE254615.003	LB292701.014	Mercury	mg/kg	0.05	0.05	0.06	120	15
SE254757.001	LB292701.019	Mercury	mg/kg	0.05	0.76	0.68	37	10

Moisture Content

Method: ME-(AU)-ENVJAN002

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE254539.004	LB292699.011	% Moisture	%w/w	1	17.8	18.6	35	4
SE254615.005	LB292699.022	% Moisture	%w/w	1	12.5	12.4	38	0
SE254757.001	LB292699.025	% Moisture	%w/w	1	15.8	15.7	36	1

OC Pesticides in Soil

Method: ME-(AU)-ENVJAN420

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE254757.001	LB292697.025	Alpha BHC	mg/kg	0.1	<0.1	<0.1	200	0
		Hexachlorobenzene (HCB)	mg/kg	0.1	<0.1	<0.1	200	0
		Beta BHC	mg/kg	0.1	<0.1	<0.1	200	0
		Lindane (gamma BHC)	mg/kg	0.1	<0.1	<0.1	200	0
		Delta BHC	mg/kg	0.1	<0.1	<0.1	200	0
		Heptachlor	mg/kg	0.1	<0.1	<0.1	200	0
		Aldrin	mg/kg	0.1	<0.1	<0.1	200	0
		Isodrin	mg/kg	0.1	<0.1	<0.1	200	0
		Heptachlor epoxide	mg/kg	0.1	<0.1	<0.1	200	0
		Gamma Chlordane	mg/kg	0.1	<0.1	<0.1	200	0
		Alpha Chlordane	mg/kg	0.1	<0.1	<0.1	200	0
		Alpha Endosulfan	mg/kg	0.2	<0.2	<0.2	200	0
		o,p'-DDE*	mg/kg	0.1	<0.1	<0.1	200	0
		p,p'-DDE	mg/kg	0.1	<0.1	<0.1	200	0
		Dieldrin	mg/kg	0.2	<0.2	<0.2	200	0
		Endrin	mg/kg	0.2	<0.2	<0.2	200	0
		Beta Endosulfan	mg/kg	0.2	<0.2	<0.2	200	0
		o,p'-DDD*	mg/kg	0.1	<0.1	<0.1	200	0
		p,p'-DDD	mg/kg	0.1	<0.1	<0.1	200	0
		Endrin aldehyde	mg/kg	0.1	<0.1	<0.1	200	0
		Endosulfan sulphate	mg/kg	0.1	<0.1	<0.1	200	0
		o,p'-DDT*	mg/kg	0.1	<0.1	<0.1	200	0
		p,p'-DDT	mg/kg	0.1	<0.1	<0.1	200	0
		Endrin ketone	mg/kg	0.1	<0.1	<0.1	200	0
		Methoxychlor	mg/kg	0.1	<0.1	<0.1	200	0
		Mirex	mg/kg	0.1	<0.1	<0.1	200	0
		trans-Nonachlor	mg/kg	0.1	<0.1	<0.1	200	0
		Total CLP OC Pesticides	mg/kg	1	<1	<1	200	0
		Total OC VIC EPA	mg/kg	1	<1	<1	200	0
Surrogates	Tetrachloro-m-xylene (TCMX) (Surrogate)		mg/kg	-	0.12	0.14	30	14

PAH (Polynuclear Aromatic Hydrocarbons) in Soil

Method: ME-(AU)-ENVJAN420

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE254539.005	LB292697.014	Naphthalene	mg/kg	0.1	<0.1	<0.1	200	0
		2-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	200	0
		1-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	200	0
		Acenaphthylene	mg/kg	0.1	<0.1	<0.1	200	0
		Acenaphthene	mg/kg	0.1	<0.1	<0.1	200	0
		Fluorene	mg/kg	0.1	<0.1	<0.1	200	0
		Phenanthrene	mg/kg	0.1	<0.1	<0.1	145	0
		Anthracene	mg/kg	0.1	<0.1	<0.1	200	0
		Fluoranthene	mg/kg	0.1	0.2	0.1	96	3
		Pyrene	mg/kg	0.1	0.2	0.2	91	1
		Benzo(a)anthracene	mg/kg	0.1	<0.1	<0.1	174	0
		Chrysene	mg/kg	0.1	<0.1	<0.1	139	0
		Benzo(b&j)fluoranthene	mg/kg	0.1	0.1	0.1	124	1
		Benzo(k)fluoranthene	mg/kg	0.1	<0.1	<0.1	200	0
		Benzo(a)pyrene	mg/kg	0.1	<0.1	<0.1	134	0
		Indeno(1,2,3-cd)pyrene	mg/kg	0.1	<0.1	<0.1	151	0

Duplicates are calculated as Relative Percentage Difference (RPD) using the formula: $RPD = | \text{OriginalResult} - \text{ReplicateResult} | \times 100 / \text{Mean}$

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: $MAD = 100 \times \text{SDL} / \text{Mean} + \text{LR}$

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

NOTE: The RPD reported is calculated from the unrounded data for the original and replicate result. Manual calculation of the RPD from the rounded data reported may

PAH (Polynuclear Aromatic Hydrocarbons) in Soil (continued)

Method: ME-(AU)-ENVJAN420

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE254539.005	LB292697.014	Dibenzo(ah)anthracene	mg/kg	0.1	<0.1	<0.1	200	0
		Benzo(ghi)perylene	mg/kg	0.1	0.1	0.1	126	6
		Carcinogenic PAHs, BaP TEQ <LOR=0*	mg/kg	0.2	<0.2	<0.2	200	0
		Carcinogenic PAHs, BaP TEQ <LOR=LOR/2*	mg/kg	0.2	<0.2	<0.2	175	0
		Carcinogenic PAHs, BaP TEQ <LOR=LOR*	mg/kg	0.3	<0.3	<0.3	134	0
		Total PAH (18)	mg/kg	0.8	<0.8	<0.8	54	1
		Surrogates						
		d5-nitrobenzene (Surrogate)	mg/kg	-	0.5	0.5	30	0
		2-fluorobiphenyl (Surrogate)	mg/kg	-	0.5	0.5	30	0
		d14-p-terphenyl (Surrogate)	mg/kg	-	0.5	0.5	30	0
SE254757.001	LB292697.025	Naphthalene	mg/kg	0.1	<0.1	<0.1	200	0
		2-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	200	0
		1-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	200	0
		Acenaphthylene	mg/kg	0.1	<0.1	<0.1	200	0
		Acenaphthene	mg/kg	0.1	<0.1	<0.1	200	0
		Fluorene	mg/kg	0.1	<0.1	<0.1	200	0
		Phenanthrene	mg/kg	0.1	<0.1	<0.1	200	0
		Anthracene	mg/kg	0.1	<0.1	<0.1	200	0
		Fluoranthene	mg/kg	0.1	<0.1	<0.1	200	0
		Pyrene	mg/kg	0.1	<0.1	<0.1	200	0
		Benzo(a)anthracene	mg/kg	0.1	<0.1	<0.1	200	0
		Chrysene	mg/kg	0.1	<0.1	<0.1	200	0
		Benzo(b&j)fluoranthene	mg/kg	0.1	<0.1	<0.1	200	0
		Benzo(k)fluoranthene	mg/kg	0.1	<0.1	<0.1	200	0
		Benzo(a)pyrene	mg/kg	0.1	<0.1	<0.1	200	0
		Indeno(1,2,3-cd)pyrene	mg/kg	0.1	<0.1	<0.1	200	0
		Dibenzo(ah)anthracene	mg/kg	0.1	<0.1	<0.1	200	0
		Benzo(ghi)perylene	mg/kg	0.1	<0.1	<0.1	200	0
		Carcinogenic PAHs, BaP TEQ <LOR=0*	mg/kg	0.2	<0.2	<0.2	200	0
		Carcinogenic PAHs, BaP TEQ <LOR=LOR/2*	mg/kg	0.2	<0.2	<0.2	175	0
		Carcinogenic PAHs, BaP TEQ <LOR=LOR*	mg/kg	0.3	<0.3	<0.3	134	0
		Total PAH (18)	mg/kg	0.8	<0.8	<0.8	200	0
		Surrogates						
		d5-nitrobenzene (Surrogate)	mg/kg	-	0.5	0.5	30	4
		2-fluorobiphenyl (Surrogate)	mg/kg	-	0.5	0.5	30	2
		d14-p-terphenyl (Surrogate)	mg/kg	-	0.5	0.5	30	2

PCBs in Soil

Method: ME-(AU)-ENVJAN420

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE254757.001	LB292697.025	Arochlor 1016	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1221	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1232	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1242	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1248	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1254	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1260	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1262	mg/kg	0.2	<0.2	<0.2	200	0
		Arochlor 1268	mg/kg	0.2	<0.2	<0.2	200	0
		Total PCBs (Arochlors)	mg/kg	1	<1	<1	200	0
		Surrogates						
		TCMX (Surrogate)	mg/kg	-	0	0	30	13

Total Recoverable Elements in Soil/Waste Solids/Materials by ICPOES

Method: ME-(AU)-ENVJAN040/AN320

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE254615.003	LB292700.014	Arsenic, As	mg/kg	1	38	50	32	27
		Cadmium, Cd	mg/kg	0.3	0.4	0.5	95	18
		Chromium, Cr	mg/kg	0.5	17	19	33	9
		Copper, Cu	mg/kg	0.5	120	98	30	19
		Nickel, Ni	mg/kg	0.5	9.0	6.6	36	32
		Lead, Pb	mg/kg	1	64	35	32	60 @
		Zinc, Zn	mg/kg	2	90	75	32	18
SE254757.001	LB292700.019	Arsenic, As	mg/kg	1	2	2	84	3
		Cadmium, Cd	mg/kg	0.3	<0.3	<0.3	200	0
		Chromium, Cr	mg/kg	0.5	5.7	5.4	39	5
		Copper, Cu	mg/kg	0.5	5.4	5.4	39	2

Duplicates are calculated as Relative Percentage Difference (RPD) using the formula: $RPD = | \text{OriginalResult} - \text{ReplicateResult} | \times 100 / \text{Mean}$

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: $MAD = 100 \times \text{SDL} / \text{Mean} + \text{LR}$

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

NOTE: The RPD reported is calculated from the unrounded data for the original and replicate result. Manual calculation of the RPD from the rounded data reported may

Total Recoverable Elements in Soil/Waste Solids/Materials by ICPOES (continued)

Method: ME-(AU)-[ENV]AN040/AN320

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE254757.001	LB292700.019	Nickel, Ni	mg/kg	0.5	1.2	1.2	72	4
		Lead, Pb	mg/kg	1	16	15	36	5
		Zinc, Zn	mg/kg	2	25	25	38	1

TRH (Total Recoverable Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN403

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE254757.001	LB292697.025	TRH C10-C14	mg/kg	20	<20	<20	200	0
		TRH C15-C28	mg/kg	45	<45	<45	200	0
		TRH C29-C36	mg/kg	45	<45	<45	200	0
		TRH C37-C40	mg/kg	100	<100	<100	200	0
		TRH C10-C36 Total	mg/kg	110	<110	<110	200	0
		TRH >C10-C40 Total (F bands)	mg/kg	210	<210	<210	200	0
		TRH F Bands						
		TRH >C10-C16	mg/kg	25	<25	<25	200	0
		TRH >C10-C16 - Naphthalene (F2)	mg/kg	25	<25	<25	200	0
		TRH >C16-C34 (F3)	mg/kg	90	<90	<90	200	0
		TRH >C34-C40 (F4)	mg/kg	120	<120	<120	200	0

VOC's in Soil

Method: ME-(AU)-[ENV]AN433

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE254539.005	LB292698.014	Fumigants						
		2,2-dichloropropane	mg/kg	0.1	<0.1	<0.1	200	0
		1,2-dichloropropane	mg/kg	0.1	<0.1	<0.1	200	0
		cis-1,3-dichloropropene	mg/kg	0.1	<0.1	<0.1	200	0
		trans-1,3-dichloropropene	mg/kg	0.1	<0.1	<0.1	200	0
		1,2-dibromoethane (EDB)	mg/kg	0.1	<0.1	<0.1	200	0
		Halogenated						
		Dichlorodifluoromethane (CFC-12)	mg/kg	1	<1	<1	200	0
		Aliphatics						
		Chloromethane	mg/kg	1	<1	<1	200	0
		Vinyl chloride (Chloroethene)	mg/kg	0.1	<0.1	<0.1	200	0
		Bromomethane	mg/kg	1	<1	<1	200	0
		Chloroethane	mg/kg	1	<1	<1	200	0
		Trichlorofluoromethane	mg/kg	1	<1	<1	200	0
		1,1-dichloroethene	mg/kg	0.1	<0.1	<0.1	200	0
		Iodomethane	mg/kg	5	<5	<5	200	0
		Dichloromethane (Methylene chloride)	mg/kg	0.5	<0.5	<0.5	200	0
		Allyl chloride	mg/kg	0.1	<0.1	<0.1	200	0
		trans-1,2-dichloroethene	mg/kg	0.1	<0.1	<0.1	200	0
		1,1-dichloroethane	mg/kg	0.1	<0.1	<0.1	200	0
		cis-1,2-dichloroethene	mg/kg	0.1	<0.1	<0.1	200	0
		Bromochloromethane	mg/kg	0.1	<0.1	<0.1	200	0
		1,2-dichloroethane	mg/kg	0.1	<0.1	<0.1	200	0
		1,1,1-trichloroethane	mg/kg	0.1	<0.1	<0.1	200	0
		1,1-dichloropropene	mg/kg	0.1	<0.1	<0.1	200	0
		Carbon tetrachloride	mg/kg	0.1	<0.1	<0.1	200	0
		Dibromomethane	mg/kg	0.1	<0.1	<0.1	200	0
		Trichloroethene (Trichloroethylene,TCE)	mg/kg	0.1	<0.1	<0.1	200	0
		1,1,2-trichloroethane	mg/kg	0.1	<0.1	<0.1	200	0
		1,3-dichloropropane	mg/kg	0.1	<0.1	<0.1	200	0
		Tetrachloroethene (Perchloroethylene,PCE)	mg/kg	0.1	<0.1	<0.1	200	0
		1,1,1,2-tetrachloroethane	mg/kg	0.1	<0.1	<0.1	200	0
		1,1,2,2-tetrachloroethane	mg/kg	0.1	<0.1	<0.1	200	0
		1,2,3-trichloropropane	mg/kg	0.1	<0.1	<0.1	200	0
		trans-1,4-dichloro-2-butene	mg/kg	1	<1	<1	200	0
		1,2-dibromo-3-chloropropane	mg/kg	0.1	<0.1	<0.1	200	0
		Hexachlorobutadiene	mg/kg	0.1	<0.1	<0.1	200	0
		Halogenated						
		Chlorobenzene	mg/kg	0.1	<0.1	<0.1	200	0
		Aromatics						
		Bromobenzene	mg/kg	0.1	<0.1	<0.1	200	0
		2-chlorotoluene	mg/kg	0.1	<0.1	<0.1	200	0
		4-chlorotoluene	mg/kg	0.1	<0.1	<0.1	200	0
		1,3-dichlorobenzene	mg/kg	0.1	<0.1	<0.1	200	0
		1,4-dichlorobenzene	mg/kg	0.1	<0.1	<0.1	200	0
		1,2-dichlorobenzene	mg/kg	0.1	<0.1	<0.1	200	0
		1,2,4-trichlorobenzene	mg/kg	0.1	<0.1	<0.1	200	0
		1,2,3-trichlorobenzene	mg/kg	0.1	<0.1	<0.1	200	0

Duplicates are calculated as Relative Percentage Difference (RPD) using the formula: $RPD = | \text{OriginalResult} - \text{ReplicateResult} | \times 100 / \text{Mean}$

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: $MAD = 100 \times \text{SDL} / \text{Mean} + \text{LR}$

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

NOTE: The RPD reported is calculated from the unrounded data for the original and replicate result. Manual calculation of the RPD from the rounded data reported may

VOC's in Soil (continued)

Method: ME-(AU)-ENVJAN433

Original	Duplicate		Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE254539.005	LB292698.014	Monocyclic Aromatic	Benzene	mg/kg	0.1	<0.1	<0.1	200	0
			Toluene	mg/kg	0.1	<0.1	<0.1	200	0
			Ethylbenzene	mg/kg	0.1	<0.1	<0.1	200	0
			m/p-xylene	mg/kg	0.2	<0.2	<0.2	200	0
			Styrene (Vinyl benzene)	mg/kg	0.1	<0.1	<0.1	200	0
			o-xylene	mg/kg	0.1	<0.1	<0.1	200	0
			Isopropylbenzene (Cumene)	mg/kg	0.1	<0.1	<0.1	200	0
			n-propylbenzene	mg/kg	0.1	<0.1	<0.1	200	0
			1,3,5-trimethylbenzene	mg/kg	0.1	<0.1	<0.1	200	0
			tert-butylbenzene	mg/kg	0.1	<0.1	<0.1	200	0
			1,2,4-trimethylbenzene	mg/kg	0.1	<0.1	<0.1	200	0
			sec-butylbenzene	mg/kg	0.1	<0.1	<0.1	200	0
			p-isopropyltoluene	mg/kg	0.1	<0.1	<0.1	200	0
			n-butylbenzene	mg/kg	0.1	<0.1	<0.1	200	0
		Nitrogenous	Acrylonitrile	mg/kg	0.1	<0.1	<0.1	200	0
		Compounds	2-nitropropane	mg/kg	10	<10	<10	200	0
		Oxygenated	Acetone (2-propanone)	mg/kg	10	<10	<10	200	0
		Compounds	MtBE (Methyl-tert-butyl ether)	mg/kg	0.1	<0.1	<0.1	200	0
			Vinyl acetate*	mg/kg	10	<10	<10	200	0
			MIBK (4-methyl-2-pentanone)	mg/kg	1	<1	<1	200	0
			2-hexanone (MBK)	mg/kg	5	<5	<5	200	0
		Polycyclic	Naphthalene (VOC)*	mg/kg	0.1	<0.1	<0.1	200	0
		Sulphonated	Carbon disulfide	mg/kg	0.5	<0.5	<0.5	200	0
		Surrogates	d4-1,2-dichloroethane (Surrogate)	mg/kg	-	8.8	8.9	50	1
			d8-toluene (Surrogate)	mg/kg	-	9.1	9.2	50	1
			Bromofluorobenzene (Surrogate)	mg/kg	-	9.3	9.3	50	0
		Totals	Total Other Chlorinated Hydrocarbons VIC EPA*	mg/kg	1.8	<1.8	<1.8	200	0
			Total Chlorinated Hydrocarbons VIC EPA*	mg/kg	1.8	<1.8	<1.8	200	0
			Total BTEX*	mg/kg	0.6	<0.6	<0.6	200	0
			Total Volatile Chlorinated Hydrocarbons*	mg/kg	3	<3.0	<3.0	200	0
			Total VOC*	mg/kg	24	<24	<24	200	0
			Total Xylenes*	mg/kg	0.3	<0.3	<0.3	200	0
		Trihalomethanes	Chloroform (THM)	mg/kg	0.1	<0.1	<0.1	200	0
			Bromodichloromethane (THM)	mg/kg	0.1	<0.1	<0.1	200	0
			Dibromochloromethane (THM)	mg/kg	0.1	<0.1	<0.1	200	0
			Bromoform (THM)	mg/kg	0.1	<0.1	<0.1	200	0
SE254757.001	LB292698.019	Monocyclic Aromatic	Benzene	mg/kg	0.1	<0.1	<0.1	200	0
			Toluene	mg/kg	0.1	<0.1	<0.1	200	0
			Ethylbenzene	mg/kg	0.1	<0.1	<0.1	200	0
			m/p-xylene	mg/kg	0.2	<0.2	<0.2	200	0
			o-xylene	mg/kg	0.1	<0.1	<0.1	200	0
		Polycyclic	Naphthalene (VOC)*	mg/kg	0.1	<0.1	<0.1	200	0
		Surrogates	d4-1,2-dichloroethane (Surrogate)	mg/kg	-	8.2	8.0	50	2
			d8-toluene (Surrogate)	mg/kg	-	8.5	7.9	50	7
			Bromofluorobenzene (Surrogate)	mg/kg	-	8.3	8.7	50	5
		Totals	Total BTEX*	mg/kg	0.6	<0.6	<0.6	200	0
			Total Xylenes*	mg/kg	0.3	<0.3	<0.3	200	0

Volatile Petroleum Hydrocarbons in Soil

Method: ME-(AU)-ENVJAN433

Original	Duplicate		Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
SE254757.001	LB292698.019		TRH C6-C10	mg/kg	25	<25	<25	200	0
			TRH C6-C9	mg/kg	20	<20	<20	200	0
		Surrogates	d4-1,2-dichloroethane (Surrogate)	mg/kg	-	8.2	8.0	50	2
			d8-toluene (Surrogate)	mg/kg	-	8.5	7.9	50	7
			Bromofluorobenzene (Surrogate)	mg/kg	-	8.3	8.7	50	5
		VPH F Bands	Benzene (F0)	mg/kg	0.1	<0.1	<0.1	200	0
			TRH C6-C10 minus BTEX (F1)	mg/kg	25	<25	<25	200	0

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA /QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of this report.

Recovery is shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria.

Mercury in Soil

Method: ME-(AU)-[ENV]AN312

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB292701.002	Mercury	mg/kg	0.05	0.21	0.2	80 - 120	105

OC Pesticides in Soil

Method: ME-(AU)-[ENV]AN420

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB292697.002	Delta BHC	mg/kg	0.1	0.2	0.2	60 - 140	89
	Heptachlor	mg/kg	0.1	0.2	0.2	60 - 140	91
	Aldrin	mg/kg	0.1	0.2	0.2	60 - 140	91
	Dieldrin	mg/kg	0.2	<0.2	0.2	60 - 140	92
	Endrin	mg/kg	0.2	<0.2	0.2	60 - 140	91
	p,p'-DDT	mg/kg	0.1	0.2	0.2	60 - 140	86
	Surrogates	Tetrachloro-m-xylene (TCMX) (Surrogate)	mg/kg	-	0.13	0.15	40 - 130

PAH (Polynuclear Aromatic Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN420

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %	
LB292697.002	Naphthalene	mg/kg	0.1	3.9	4	60 - 140	97	
	Acenaphthylene	mg/kg	0.1	3.9	4	60 - 140	98	
	Acenaphthene	mg/kg	0.1	4.1	4	60 - 140	102	
	Phenanthrene	mg/kg	0.1	4.0	4	60 - 140	100	
	Anthracene	mg/kg	0.1	4.1	4	60 - 140	101	
	Fluoranthene	mg/kg	0.1	3.8	4	60 - 140	96	
	Pyrene	mg/kg	0.1	3.9	4	60 - 140	98	
	Benzo(a)pyrene	mg/kg	0.1	3.9	4	60 - 140	99	
	Surrogates	d5-nitrobenzene (Surrogate)	mg/kg	-	0.5	0.5	40 - 130	105
		2-fluorobiphenyl (Surrogate)	mg/kg	-	0.5	0.5	40 - 130	99
d14-p-terphenyl (Surrogate)		ma/ka	-	0.5	0.5	40 - 130	106	

PCBs in Soil

Method: ME-(AU)-[ENV]AN420

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB292697.002	Arochlor 1260	mg/kg	0.2	0.4	0.4	60 - 140	101

Total Recoverable Elements in Soil/Waste Solids/Materials by ICPOES

Method: ME-(AU)-[ENV]AN040/AN320

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB292700.002	Arsenic, As	mg/kg	1	350	318.22	80 - 120	111
	Cadmium, Cd	mg/kg	0.3	4.5	4.81	70 - 130	94
	Chromium, Cr	mg/kg	0.5	45	38.31	80 - 120	116
	Copper, Cu	mg/kg	0.5	330	290	80 - 120	115
	Nickel, Ni	mg/kg	0.5	200	187	80 - 120	104
	Lead, Pb	mg/kg	1	94	89.9	80 - 120	104
	Zinc, Zn	mg/kg	2	290	273	80 - 120	107

TRH (Total Recoverable Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN403

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB292697.002	TRH C10-C14	mg/kg	20	36	40	60 - 140	91
	TRH C15-C28	mg/kg	45	<45	40	60 - 140	80
	TRH C29-C36	mg/kg	45	<45	40	60 - 140	93
	TRH F Bands	TRH >C10-C16	mg/kg	25	40	60 - 140	101
		TRH >C16-C34 (F3)	mg/kg	90	<90	60 - 140	87
		TRH >C34-C40 (F4)	mg/kg	120	<120	60 - 140	108

VOC's in Soil

Method: ME-(AU)-[ENV]AN433

Sample Number		Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB292698.002	Halogenated	1,1-dichloroethene	mg/kg	0.1	3.7	5	60 - 140	73
	Aliphatics	1,2-dichloroethane	mg/kg	0.1	4.8	5	60 - 140	96
		Trichloroethene (Trichloroethylene,TCE)		mg/kg	0.1	4.6	5	60 - 140
	Halogenated	Chlorobenzene	mg/kg	0.1	5.6	5	60 - 140	113
	Monocyclic	Benzene	mg/kg	0.1	4.0	5	60 - 140	80
	Aromatic	Toluene	mg/kg	0.1	4.3	5	60 - 140	85
		Ethylbenzene	mg/kg	0.1	4.8	5	60 - 140	95
		m/p-xylene	mg/kg	0.2	9.6	10	60 - 140	96
		o-xylene	mg/kg	0.1	4.9	5	60 - 140	99

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA /QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of this report.

Recovery is shown in **Green** when within suggested criteria or **Red** with an appended dagger symbol (†) when outside suggested criteria.

VOC's in Soil (continued)

Method: ME-(AU)-[ENV]AN433

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB292698.002	Surrogates	d4-1,2-dichloroethane (Surrogate)	mg/kg	-	8.6	10	70 - 130 86
		d8-toluene (Surrogate)	mg/kg	-	8.9	10	70 - 130 89
		Bromofluorobenzene (Surrogate)	mg/kg	-	10.3	10	70 - 130 103
	Trihalomethan	Chloroform (THM)	mg/kg	0.1	5.0	5	60 - 140 99

Volatile Petroleum Hydrocarbons in Soil

Method: ME-(AU)-[ENV]AN433

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB292698.002		TRH C6-C10	mg/kg	25	85	92.5	60 - 140 92
		TRH C6-C9	mg/kg	20	73	80	60 - 140 92
	Surrogates	d4-1,2-dichloroethane (Surrogate)	mg/kg	-	8.6	10	70 - 130 86
		Bromofluorobenzene (Surrogate)	mg/kg	-	10.3	10	70 - 130 103
	VPH F Bands	TRH C6-C10 minus BTEX (F1)	mg/kg	25	58	62.5	60 - 140 92

Matrix Spike (MS) results are evaluated as the percentage recovery of an expected result, typically the concentration of analyte spiked into a field sub-sample during the sample preparation stage. The original sample's result is subtracted from the sub-sample result before determining the percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of this report.

Recovery is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

Mercury in Soil

Method: ME-(AU)-[ENV]AN312

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE254539.001	LB292701.004	Mercury	mg/kg	0.05	0.23	0.06	0.2	86

OC Pesticides in Soil

Method: ME-(AU)-[ENV]AN420

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE254538.001	LB292697.004	Alpha BHC	mg/kg	0.1	<0.1	<0.1	-	-
		Hexachlorobenzene (HCB)	mg/kg	0.1	<0.1	<0.1	-	-
		Beta BHC	mg/kg	0.1	<0.1	<0.1	-	-
		Lindane (gamma BHC)	mg/kg	0.1	<0.1	<0.1	-	-
		Delta BHC	mg/kg	0.1	0.1	<0.1	0.2	60
		Heptachlor	mg/kg	0.1	0.1	<0.1	0.2	66
		Aldrin	mg/kg	0.1	0.1	<0.1	0.2	62
		Isodrin	mg/kg	0.1	<0.1	<0.1	-	-
		Heptachlor epoxide	mg/kg	0.1	<0.1	<0.1	-	-
		Gamma Chlordane	mg/kg	0.1	<0.1	<0.1	-	-
		Alpha Chlordane	mg/kg	0.1	<0.1	<0.1	-	-
		Alpha Endosulfan	mg/kg	0.2	<0.2	<0.2	-	-
		o,p'-DDE*	mg/kg	0.1	<0.1	<0.1	-	-
		p,p'-DDE	mg/kg	0.1	<0.1	<0.1	-	-
		Dieldrin	mg/kg	0.2	<0.2	<0.2	0.2	65
		Endrin	mg/kg	0.2	<0.2	<0.2	0.2	60
		Beta Endosulfan	mg/kg	0.2	<0.2	<0.2	-	-
		o,p'-DDD*	mg/kg	0.1	<0.1	<0.1	-	-
		p,p'-DDD	mg/kg	0.1	<0.1	<0.1	-	-
		Endrin aldehyde	mg/kg	0.1	<0.1	<0.1	-	-
		Endosulfan sulphate	mg/kg	0.1	<0.1	<0.1	-	-
		o,p'-DDT*	mg/kg	0.1	<0.1	<0.1	-	-
		p,p'-DDT	mg/kg	0.1	0.2	<0.1	0.2	76
		Endrin ketone	mg/kg	0.1	<0.1	<0.1	-	-
		Methoxychlor	mg/kg	0.1	<0.1	<0.1	-	-
		Mirex	mg/kg	0.1	<0.1	<0.1	-	-
		trans-Nonachlor	mg/kg	0.1	<0.1	<0.1	-	-
		Total CLP OC Pesticides	mg/kg	1	<1	<1	-	-
		Total OC VIC EPA	mg/kg	1	<1	<1	-	-
	Surrogates	Tetrachloro-m-xylene (TCMX) (Surrogate)	mg/kg	-	0.11	0.12	-	73

PAH (Polynuclear Aromatic Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN420

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE254538.001	LB292697.004	Naphthalene	mg/kg	0.1	3.8	<0.1	4	95
		2-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	-	-
		1-methylnaphthalene	mg/kg	0.1	<0.1	<0.1	-	-
		Acenaphthylene	mg/kg	0.1	3.8	<0.1	4	94
		Acenaphthene	mg/kg	0.1	4.0	<0.1	4	99
		Fluorene	mg/kg	0.1	<0.1	<0.1	-	-
		Phenanthrene	mg/kg	0.1	3.8	<0.1	4	95
		Anthracene	mg/kg	0.1	3.8	<0.1	4	95
		Fluoranthene	mg/kg	0.1	3.8	<0.1	4	93
		Pyrene	mg/kg	0.1	3.8	<0.1	4	94
		Benzo(a)anthracene	mg/kg	0.1	<0.1	<0.1	-	-
		Chrysene	mg/kg	0.1	<0.1	<0.1	-	-
		Benzo(b&j)fluoranthene	mg/kg	0.1	<0.1	<0.1	-	-
		Benzo(k)fluoranthene	mg/kg	0.1	<0.1	<0.1	-	-
		Benzo(a)pyrene	mg/kg	0.1	3.9	<0.1	4	97
		Indeno(1,2,3-cd)pyrene	mg/kg	0.1	<0.1	<0.1	-	-
		Dibenzo(ah)anthracene	mg/kg	0.1	<0.1	<0.1	-	-
		Benzo(ghi)perylene	mg/kg	0.1	<0.1	<0.1	-	-
		Carcinogenic PAHs, BaP TEQ <LOR=0*	TEQ (mg/kg)	0.2	3.9	<0.2	-	-
		Carcinogenic PAHs, BaP TEQ <LOR=LOR/2*	TEQ (mg/kg)	0.2	3.9	<0.2	-	-
		Carcinogenic PAHs, BaP TEQ <LOR=LOR*	TEQ (mg/kg)	0.3	4.0	<0.3	-	-
		Total PAH (18)	mg/kg	0.8	31	<0.8	-	-

Matrix Spike (MS) results are evaluated as the percentage recovery of an expected result, typically the concentration of analyte spiked into a field sub-sample during the sample preparation stage. The original sample's result is subtracted from the sub-sample result before determining the percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of this report.

Recovery is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

PAH (Polynuclear Aromatic Hydrocarbons) in Soil (continued)

Method: ME-(AU)-[ENV]AN420

QC Sample	Sample Number		Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE254538.001	LB292697.004	Surrogates	d5-nitrobenzene (Surrogate)	mg/kg	-	0.5	0.5	-	91
			2-fluorobiphenyl (Surrogate)	mg/kg	-	0.5	0.5	-	103
			d14-p-terphenyl (Surrogate)	mg/kg	-	0.5	0.5	-	100

Total Recoverable Elements in Soil/Waste Solids/Materials by ICPOES

Method: ME-(AU)-[ENV]AN040/AN320

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE254539.001	LB292700.004	Arsenic, As	mg/kg	1	53	6	50	95
		Cadmium, Cd	mg/kg	0.3	47	0.4	50	92
		Chromium, Cr	mg/kg	0.5	64	21	50	86
		Copper, Cu	mg/kg	0.5	82	39	50	85
		Nickel, Ni	mg/kg	0.5	51	17	50	69 @
		Lead, Pb	mg/kg	1	110	70	50	85
		Zinc, Zn	mg/kg	2	170	140	50	71

TRH (Total Recoverable Hydrocarbons) in Soil

Method: ME-(AU)-[ENV]AN403

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%	
SE254538.001	LB292697.004	TRH C10-C14	mg/kg	20	45	<20	40	112	
		TRH C15-C28	mg/kg	45	48	<45	40	120	
		TRH C29-C36	mg/kg	45	47	<45	40	116	
		TRH C37-C40	mg/kg	100	<100	<100	-	-	
		TRH C10-C36 Total	mg/kg	110	140	<110	-	-	
		TRH >C10-C40 Total (F bands)	mg/kg	210	<210	<210	-	-	
		TRH F	TRH >C10-C16	mg/kg	25	49	<25	40	123
		Bands	TRH >C10-C16 - Naphthalene (F2)	mg/kg	25	49	<25	-	-
			TRH >C16-C34 (F3)	mg/kg	90	<90	<90	40	139
			TRH >C34-C40 (F4)	mg/kg	120	<120	<120	-	-

VOC's in Soil

Method: ME-(AU)-[ENV]AN433

QC Sample	Sample Number		Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE254538.001	LB292698.004	Monocyclic	Benzene	mg/kg	0.1	4.8	<0.1	5	96
		Aromatic	Toluene	mg/kg	0.1	5.0	<0.1	5	100
			Ethylbenzene	mg/kg	0.1	5.2	<0.1	5	104
			m/p-xylene	mg/kg	0.2	10	<0.2	10	105
			o-xylene	mg/kg	0.1	5.4	<0.1	5	108
		Polycyclic	Naphthalene (VOC)*	mg/kg	0.1	<0.1	<0.1	-	-
		Surrogates	d4-1,2-dichloroethane (Surrogate)	mg/kg	-	8.4	8.3	10	84
			d8-toluene (Surrogate)	mg/kg	-	7.4	8.7	10	74
			Bromofluorobenzene (Surrogate)	mg/kg	-	8.9	9.3	10	89
		Totals	Total BTEX*	mg/kg	0.6	31	<0.6	-	-
			Total Xylenes*	mg/kg	0.3	16	<0.3	-	-

Volatile Petroleum Hydrocarbons in Soil

Method: ME-(AU)-[ENV]AN433

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
SE254538.001	LB292698.004	TRH C6-C10	mg/kg	25	92	<25	92.5	99
		TRH C6-C9	mg/kg	20	81	<20	80	101
		Surrogates						
		d4-1,2-dichloroethane (Surrogate)	mg/kg	-	8.4	8.3	10	84
		d8-toluene (Surrogate)	mg/kg	-	7.4	8.7	10	74
		Bromofluorobenzene (Surrogate)	mg/kg	-	8.9	9.3	-	89
		VPH F						
		Benzene (F0)	mg/kg	0.1	4.8	<0.1	-	-
		Bands						
		TRH C6-C10 minus BTEX (F1)	mg/kg	25	61	<25	62.5	98

Matrix spike duplicates are calculated as Relative Percent Difference (RPD) using the formula: $RPD = | \text{OriginalResult} - \text{ReplicateResult} | \times 100 / \text{Mean}$

The original result is the analyte concentration of the matrix spike. The Duplicate result is the analyte concentration of the matrix spike duplicate.

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: $MAD = 100 \times \text{SDL} / \text{Mean} + \text{LR}$

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in **Green** when within suggested criteria or **Red** with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the

No matrix spike duplicates were required for this job.

Samples analysed as received.

Solid samples expressed on a dry weight basis.

QC criteria are subject to internal review according to the SGS QA/QC plan and may be provided on request or alternatively can be found here : https://www.sgs.com.au/~media/Local/Australia/Documents/Technical Documents/MP-AU-ENV-QU-022_QA_QC_Plan.pdf

- * NATA accreditation does not cover the performance of this service .
- ** Indicative data, theoretical holding time exceeded.
- *** Indicates that both * and ** apply.
- Sample not analysed for this analyte.
- IS Insufficient sample for analysis.
- LNR Sample listed, but not received.
- LOR Limit of reporting.
- QFH QC result is above the upper tolerance.
- QFL QC result is below the lower tolerance.
- ① At least 2 of 3 surrogates are within acceptance criteria.
- ② RPD failed acceptance criteria due to sample heterogeneity.
- ③ Results less than 5 times LOR preclude acceptance criteria for RPD.
- ④ Recovery failed acceptance criteria due to matrix interference.
- ⑤ Recovery failed acceptance criteria due to the presence of significant concentration of analyte (i.e. the concentration of analyte exceeds the spike level).
- ⑥ LOR was raised due to sample matrix interference.
- ⑦ LOR was raised due to dilution of significantly high concentration of analyte in sample.
- ⑧ Reanalysis of sample in duplicate confirmed sample heterogeneity and inconsistency of results.
- ⑨ Recovery failed acceptance criteria due to sample heterogeneity.
- ⑩ LOR was raised due to high conductivity of the sample (required dilution).
- † Refer to relevant report comments for further information.

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SGS		CHAIN OF CUSTODY & ANALYSIS REQUEST												Page <u>1</u> of <u>3</u>									
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		Address: LEVEL 2, 29 KIORA RD				Purchase Order No: EP241																	
		MIRANDA NSW 2228				Results Required By: 5 Day																	
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						Facsimile: -																	
						Email Results: mevens@metech.consulting																	
Client Sample ID	Date Sampled	Lab Sample ID	WATER	SOIL	PRESERVATIVE	NO OF CONTAINERS	Asbestos Identification (soil)	CL2: 8 Metals	CL10: TRH C6-C40 / BTEXN / PAH / Metals (8)	CL16: TRH C6-C40 / BTEXN / PAH / OC / PCB / Metals (8)	PAH	VOC											
BH1/0.3	29.9.23	1		X		2	X			X			HOLD										
BH1/0.5	↓			↓		1							X										
BH1/1.0					1								X										
BH2/0.3		2			2	X	X																
BH2/0.5		3								X													
BH2/1.0		↓				↓		1						X									
Relinquished By: M. Evans		Date/Time: 29.9.23 11.30am				Received By: <i>[Signature]</i>				Date/Time: 29/09/23 @ 10.30													
Relinquished By: <i>[Signature]</i>		Date/Time:				Received By:				Date/Time:													
Samples Intact: <u>Yes</u> / No		Temperature: Ambient / <u>Chilled</u>				Sample Cooler Sealed: Yes/ No				Laboratory Quotation No:													

SGS EHS Sydney COC
SE254539





CHAIN OF CUSTODY & ANALYSIS REQUEST

Page 2 of 3

SGS Environmental Services

Unit 16, 33 Maddox Street

Alexandria NSW 2015

Telephone No: (02) 85940400

Facsimile No: (02) 85940499

Email: au.samplerreceipt.sydney@sgs.com

Company Name: METECH CONSULTING PTY LTD

Address: LEVEL 2, 29 KIORA RD

MIRANDA NSW 2228

Contact Name: Michael Evans

Project Name/No: Bankstown

Purchase Order No: EP241

Results Required By: 5 Day

Telephone: (02) 9575 7755

Facsimile: -

Email Results: mevans@metech.consulting

Client Sample ID	Date Sampled	Lab Sample ID	WATER	SOIL	PRESERVATIVE	NO OF CONTAINERS	Asbestos Identification (soil)	CL2: 8 Metals	CL10: TRH C6-C40 / BTEXN / PAH / Metals (8)	CL16: TRH C6-C40 / BTEXN / PAH / OC / PCB / Metals (8)	PAH	VOC	Hold						
BH3/0.2	29.9.23	4		X		2	X		X										
BH3/0.5						1							X						
BH3/1.0						1							X						
BH4/0.0		5				2	X				X	X							
BH4/0.5		6				1					X	X							
BH4/1.0						1							X						
Relinquished By: M. Evans			Date/Time: 29.9.23 11.30am			Received By: B. Subany			Date/Time: 29/09/23 @ 10.30										
Relinquished By: 			Date/Time:			Received By:			Date/Time:										
Samples Intact: Yes/ No			Temperature: Ambient / Chilled			Sample Cooler Sealed: Yes/ No			Laboratory Quotation No:										

Page 3 of 3

Project Name/No: Bankstown

Purchase Order No: EP241

Results Required By: 5 Day

Telephone: (02) 9575 7755

Email Results: mevans@metech.consulting[illegible]

Date/Time: 29.9.23 11:30am

Received By: S. Subaram

Date/Time	29/09/23 @ 10.30
-----------	------------------

Relinquished By:

Date/Time:

Received By:

Date/Time

Samples Intact: Yes/ No

Temperature: Ambient / Chilled

Sample Cooler Sealed: Yes/ No

Laboratory Quotation No:



SAMPLE RECEIPT ADVICE

SE254539

CLIENT DETAILS

Contact Michael Evans
Client METECH CONSULTING PTY LTD
Address PO BOX 1184
SUTHERLAND NSW 1499

Telephone 61 2 95757755
Facsimile (Not specified)
Email mevans@metech.consulting

Project **EP241 Bankstown**
Order Number **EP241**
Samples 9

LABORATORY DETAILS

Manager Huong Crawford
Laboratory SGS Alexandria Environmental
Address Unit 16, 33 Maddox St
Alexandria NSW 2015

Telephone +61 2 8594 0400
Facsimile +61 2 8594 0499
Email au.environmental.sydney@sgs.com

Samples Received Fri 29/9/2023
Report Due Mon 9/10/2023
SGS Reference **SE254539**

SUBMISSION DETAILS

This is to confirm that 9 samples were received on Friday 29/9/2023. Results are expected to be ready by COB Monday 9/10/2023. Please quote SGS reference SE254539 when making enquiries. Refer below for details relating to sample integrity upon receipt.

Sample counts by matrix	9 Soil	Type of documentation received	COC
Date documentation received	29/9/2023	Samples received in good order	Yes
Samples received without headspace	Yes	Sample temperature upon receipt	7.3°C
Sample container provider	SGS	Turnaround time requested	Standard
Samples received in correct containers	Yes	Sufficient sample for analysis	Yes
Sample cooling method	Ice	Samples clearly labelled	Yes
Complete documentation received	Yes		

Unless otherwise instructed, water and bulk samples will be held for one month from date of report, and soil samples will be held for two months.

COMMENTS

7 Soil samples have been placed on hold as no tests have been assigned for them by the client. These samples will not be processed.

This document is issued by the Company under its General Conditions of Service accessible at www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.



SAMPLE RECEIPT ADVICE

SE254539

CLIENT DETAILS

Client METECH CONSULTING PTY LTD

Project EP241 Bankstown

SUMMARY OF ANALYSIS

No.	Sample ID	OC Pesticides in Soil	PAH (Polynuclear Aromatic Hydrocarbons) in Soil	PCBs in Soil	Total Recoverable Elements in Soil/Waste	TRH (Total Recoverable Hydrocarbons) in Soil	VOC's in Soil	Volatile Petroleum Hydrocarbons in Soil
001	BH1/0.3	30	26	11	7	10	11	7
002	BH2/0.3	-	-	-	7	-	-	-
003	BH2/0.5	-	26	-	7	10	11	7
004	BH3/0.2	-	26	-	7	10	11	7
005	BH4/0.0	-	26	-	-	-	79	-
006	BH4/0.5	-	26	-	-	-	79	-
007	BH5/0.1	30	26	11	7	10	11	7
008	BH5/0.5	-	26	-	7	-	-	-
009	QA1	-	-	-	7	-	-	-

CONTINUED OVERLEAF

The above table represents SGS' interpretation of the client-supplied Chain Of Custody document.
The numbers shown in the table indicate the number of results requested in each package.
Please indicate as soon as possible should your request differ from these details .
Testing as per this table shall commence immediately unless the client intervenes with a correction .



SAMPLE RECEIPT ADVICE

SE254539

CLIENT DETAILS

Client **METECH CONSULTING PTY LTD**

Project **EP241 Bankstown**

SUMMARY OF ANALYSIS

No.	Sample ID	Fibre Identification in soil	Mercury in Soil	Moisture Content
001	BH1/0.3	2	1	1
002	BH2/0.3	2	1	1
003	BH2/0.5	-	1	1
004	BH3/0.2	2	1	1
005	BH4/0.0	2	-	1
006	BH4/0.5	-	-	1
007	BH5/0.1	2	1	1
008	BH5/0.5	-	1	1
009	QA1	-	1	1

The above table represents SGS' interpretation of the client-supplied Chain Of Custody document.
The numbers shown in the table indicate the number of results requested in each package.
Please indicate as soon as possible should your request differ from these details .
Testing as per this table shall commence immediately unless the client intervenes with a correction .

Metech Consulting Pty Ltd
PO Box 1184
Sutherland
NSW 1499



NATA Accredited
Accreditation Number 1261
Site Number 20794

Accredited for compliance with ISO/IEC 17025 – Testing
 NATA is a signatory to the ILAC Mutual Recognition
 Arrangement for the mutual recognition of the
 equivalence of testing, medical testing, calibration,
 inspection, proficiency testing scheme providers and
 reference materials producers reports and certificates.

Attention: **Michael Evans**

Report **1038318-TO**
 Project name **BANKSTOWN**
 Project ID **EP241**
 Received Date **Oct 25, 2023**

Client Sample ID			SV1
Sample Matrix			1L Passivated Canister
Eurofins Sample No.			B23- Oc0061619
Date Sampled			Oct 24, 2023
Receipt Vac./Pressure (inHg)			11
Final Pressure (psi)			15
Test/Reference	LOR	Unit	
Dilution Factor	0.1		3.2
US EPA Compendium Methods TO-15			
1.1-Dichloroethane	2	ug/m3	< 6
1.1-Dichloroethene	2	ug/m3	< 6
1.1.1-Trichloroethane	2.7	ug/m3	< 9
1.1.2-Trichloroethane	2.7	ug/m3	< 9
1.1.2.2-Tetrachloroethane	3.4	ug/m3	< 11
1.2-Dibromoethane (EDB)	3.6	ug/m3	< 11
1.2-Dichlorobenzene	3	ug/m3	< 10
1.2-Dichloroethane	2	ug/m3	< 6
1.2-Dichloropropane	2.3	ug/m3	53
1.2.4-Trichlorobenzene	15	ug/m3	< 48
1.2.4-Trimethylbenzene	2.5	ug/m3	19
1.3-Butadiene	2.2	ug/m3	< 4
1.3-Dichlorobenzene	3	ug/m3	< 10
1.3.5-Trimethylbenzene	2.5	ug/m3	< 8
1.4-Dichlorobenzene	3	ug/m3	< 10
1.4-Dioxane	7.2	ug/m3	< 23
2-Butanone (Methyl Ethyl Ketone)	5.9	ug/m3	< 19
2-Hexanone	8.2	ug/m3	< 26
2.2.4-Trimethylpentane	9.3	ug/m3	< 30
3-Chloropropene	1.6	ug/m3	< 20
4-Ethyltoluene	2.5	ug/m3	17
4-Methyl-2-Pentanone (MIBK)	2.1	ug/m3	< 7
Acetone	16.6	ug/m3	1600
Benzene	1.6	ug/m3	320
Bromodichloromethane	3.4	ug/m3	< 11
Bromoform	5.2	ug/m3	< 17
Bromomethane	19.4	ug/m3	< 62
Carbon Disulfide	15.6	ug/m3	40
Carbon Tetrachloride	3.1	ug/m3	< 10
Chlorobenzene	2.3	ug/m3	< 7

Client Sample ID			SV1
Sample Matrix			1L Passivated Canister
Eurofins Sample No.			B23-Oc0061619
Date Sampled			Oct 24, 2023
Receipt Vac./Pressure (inHg)			11
Final Pressure (psi)			15
Test/Reference	LOR	Unit	
US EPA Compendium Methods TO-15			
Chloroethane	5.3	ug/m3	< 17
Chloroform	2.4	ug/m3	< 8
Chloromethane	10.3	ug/m3	< 33
Chlorotoluene (Benzyl Chloride)	2.6	ug/m3	< 8
cis-1.2-Dichloroethene	2	ug/m3	< 6
cis-1.3-Dichloropropene	2.3	ug/m3	< 7
Cyclohexane	3.5	ug/m3	2000
Dibromochloromethane	4.3	ug/m3	< 14
Methylene Chloride	17.4	ug/m3	< 56
Ethanol	9.4	ug/m3	360
Ethylbenzene	2.2	ug/m3	93
Freon 11 (Trichlorofluoromethane)	2.8	ug/m3	< 9
Freon 113 (Trichlorotrifluoroethane)	3.8	ug/m3	< 12
Freon 114	3.5	ug/m3	< 11
Freon 12 (Dichlorodifluoromethane)	2.5	ug/m3	< 8
Heptane	2.1	ug/m3	1600
Hexachlorobutadiene	21.3	ug/m3	< 68
Hexane	5	ug/m3	1900
Isopropanol	50	ug/m3	< 157
m,p-Xylene	4.4	ug/m3	210
Xylenes - Total*	6.6	ug/m3	300
Methyl t-Butyl Ether (MTBE)	7.2	ug/m3	< 23
Naphthalene	10.5	ug/m3	< 34
o-Xylene	2.2	ug/m3	89
Propylene	8.6	ug/m3	< 28
Styrene	2.1	ug/m3	< 7
Tetrachloroethene	3.4	ug/m3	3900
Tetrahydrofuran	1.5	ug/m3	< 5
Toluene	7.5	ug/m3	650
trans-1.2-Dichloroethene	2	ug/m3	< 6
trans-1.3-Dichloropropene	2.3	ug/m3	< 7
Trichloroethene	2.7	ug/m3	< 9
Vinyl Acetate	7.0	ug/m3	< 23
Vinyl Chloride	2.5	ug/m3	< 8
4-Bromofluorobenzene (surr.)	1	%	82
CRC CARE TR 23 PVI			
>C6-C10	100	ug/m3	36000
>C6-C10 TRH minus BTEX (F1)	100	ug/m3	35000
>C10-C12 minus Naphthalene (mod F2)	100	ug/m3	< 160
>C10-C12	100	ug/m3	< 160

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
US EPA Compendium Methods TO-15	Brisbane	Oct 26, 2023	0 Day
- Method: SOP #6 Analysis of Volatile Organic Compounds in Summa Polished Canisters EPA Method TO-15 And Modified EPA Method TO-14A			
CRC CARE TR 23 PVI	Brisbane	Oct 26, 2023	0 Day
- Method: SOP #111 TPH, NMOC, and TVH Hydrocarbon Fractionation Calculations from EPA Methods TO-14A/TO-15			

Melbourne	Geelong	Sydney	Canberra	Brisbane	Newcastle
6 Monterey Road Dandenong South VIC 3175 Tel: +61 3 8564 5000 NATA# 1261 Site# 1254	19/8 Lewalan Street Grovedale VIC 3216 Tel: +61 3 8564 5000 NATA# 1261 Site# 25403	179 Magowar Road Girraween NSW 2145 Tel: +61 2 9900 8400 NATA# 1261 Site# 18217	Unit 1,2 Dacre Street Mitchell ACT 2911 Tel: +61 2 6113 8091 NATA# 1261 Site# 25466	1/21 Smallwood Place Murarrie QLD 4172 Tel: +61 7 3902 4600 NATA# 1261 Site# 20794	1/2 Frost Drive Mayfield West NSW 2304 Tel: +61 2 4968 8448 NATA# 1261 Site# 25079 & 25289

Perth
46-48 Banksia Road Welshpool WA 6106 Tel: +61 8 6253 4444 NATA# 2377 Site# 2370

Auckland	Christchurch	Tauranga
35 O'Rorke Road Penrose, Auckland 1061 Tel: +64 9 526 4551 IANZ# 1327	43 Detroit Drive Rolleston, Christchurch 7675 Tel: +64 3 343 5201 IANZ# 1290	1277 Cameron Road, Gate Pa, Tauranga 3112 Tel: +64 9 525 0568 IANZ# 1402

Company Name: Metech Consulting Pty Ltd
Address: PO Box 1184
Sutherland
NSW 1499
Project Name: BANKSTOWN
Project ID: EP241

Order No.: EP241
Report #: 1038318
Phone: (02)9575 7755
Fax:

Received: Oct 25, 2023 9:00 AM
Due: Nov 1, 2023
Priority: 5 Day
Contact Name: Michael Evans

Eurofins Analytical Services Manager : Bonnie Pu

Sample Detail						Canister Certification and Supply fee	Dilution Factor	Final Pressure (psi)	Receipt Vac./Pressure (in Hg)	AirToxics Extended Suite 2: US EPA Compendium Methods TO-14a TO-15/CRC
Brisbane Laboratory - NATA # 1261 Site # 20794						X	X	X	X	X
External Laboratory										
No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID					
1	SV1	Oct 24, 2023	2:15PM	1L Passivated Canister	B23-Oc0061619	X	X	X	X	X
Test Counts						1	1	1	1	1

Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples are included in this QC report where applicable. Additional QC data may be available on request.
2. Dilutions are performed on samples due to the presence of high level target species or the presence of high level non-target species.
3. Results are uncorrected for surrogate recoveries.
4. All QC limit exceedances and affected sample results are noted by flags. Each qualifying flag is defined below in section entitled 'Definition of Data Qualifying Flags' and additionally on individual sample results (where relevant).
5. "100% certification" is defined as evaluating the sampling system with humid zero air/N₂ and humid calibration gases that pass through all active components of the sampling system. The system is "100% certified" if no significant additions or deletions (less than 0.2 ppbv each of target compounds) have occurred when challenged with the test gas stream.
6. The conversion equation from ppbv to g/m³ uses a temperature of 25 °C and an ambient sea level atmospheric pressure of 1 atmosphere (101.325 kPa) is assumed.
7. All canister samples are only analysed once temperature equilibrium with the laboratory has been achieved.
8. Safe Sampling Volume (SSV) - calculated by taking two-thirds of the breakthrough volume (direct method) and Appendix 1 of Method T0-17.
9. Samples were analysed on an 'as received' basis.
10. Information identified on this report with blue colour, indicates data provided by customer, that may have an impact on the results.
11. This report replaces any interim results previously issued.

Definition of Data Qualifying Flags

Qualifiers may have been used on the data analysis sheets and indicates as follows:

- A01 Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
- A02 Estimated value.
- A03 Exceeds instrument calibration range.
- A04 Saturated peak.
- A05 Exceeds quality control limits.
- A06 Compound analysed for but not detected above the Limit of Reporting (LOR). See data page for project specific U-flag definition.
- A07 Non-detected compound associated with low bias in the CCV.
- A08 The identification is based on presumptive evidence.
- A09 SSV has been exceeded for this compound. It is likely that this compound has been underestimated.
- A10 LORs cited do not take into account sample dilution due to canister pressurisation.
- A11 Naphthalene elutes outside the >C10-C12 range on the system used for sample analysis. As a result, >C10-C12 TRH value is equivalent to the modified F2 value.

Holding Times

Under conditions of normal usage for sampling ambient air, most Volatile Organic Compounds (VOCs) can be recovered from canisters near their original concentrations after storage times of up to thirty days. For thermal desorption tubes (TDT) samples should be refrigerated at <4°C in a clean environment during storage and analysed within 30 days of sample collection (within one week for limonene, carene, bis-chloromethyl ether and labile sulfur or nitrogen containing volatiles).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the Sample Receipt Advice.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

Units

ppbv: parts per billion by volume

kPa: kilopascal

ug/m³: micrograms per cubic metre

psig: pounds per square inch gauge

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
US EPA Compendium Methods TO-15							
1.1-Dichloroethane	ug/m3	< 2			2	Pass	
1.1-Dichloroethene	ug/m3	< 2			2	Pass	
1.1.1-Trichloroethane	ug/m3	< 2.7			2.7	Pass	
1.1.2-Trichloroethane	ug/m3	< 2.7			2.7	Pass	
1.1.2.2-Tetrachloroethane	ug/m3	< 3.4			3.4	Pass	
1.2-Dibromoethane (EDB)	ug/m3	< 3.6			3.6	Pass	
1.2-Dichlorobenzene	ug/m3	< 3			3	Pass	
1.2-Dichloroethane	ug/m3	< 2			2	Pass	
1.2-Dichloropropane	ug/m3	< 2.3			2.3	Pass	
1.2.4-Trichlorobenzene	ug/m3	< 15			15	Pass	
1.2.4-Trimethylbenzene	ug/m3	< 2.5			2.5	Pass	
1.3-Butadiene	ug/m3	< 2.2			2.2	Pass	
1.3-Dichlorobenzene	ug/m3	< 3			3	Pass	
1.3.5-Trimethylbenzene	ug/m3	< 2.5			2.5	Pass	
1.4-Dichlorobenzene	ug/m3	< 3			3	Pass	
1.4-Dioxane	ug/m3	< 7.2			7.2	Pass	
2-Butanone (Methyl Ethyl Ketone)	ug/m3	< 5.9			5.9	Pass	
2-Hexanone	ug/m3	< 8.2			8.2	Pass	
2.2.4-Trimethylpentane	ug/m3	< 9.3			9.3	Pass	
3-Chloropropene	ug/m3	< 1.6			1.6	Pass	
4-Ethyltoluene	ug/m3	< 2.5			2.5	Pass	
4-Methyl-2-Pentanone (MIBK)	ug/m3	< 2.1			2.1	Pass	
Acetone	ug/m3	< 16.6			16.6	Pass	
Benzene	ug/m3	< 1.6			1.6	Pass	
Bromodichloromethane	ug/m3	< 3.4			3.4	Pass	
Bromoform	ug/m3	< 5.2			5.2	Pass	
Bromomethane	ug/m3	< 19.4			19.4	Pass	
Carbon Disulfide	ug/m3	< 15.6			15.6	Pass	
Carbon Tetrachloride	ug/m3	< 3.1			3.1	Pass	
Chlorobenzene	ug/m3	< 2.3			2.3	Pass	
Chloroethane	ug/m3	< 5.3			5.3	Pass	
Chloroform	ug/m3	< 2.4			2.4	Pass	
Chloromethane	ug/m3	< 10.3			10.3	Pass	
Chlorotoluene (Benzyl Chloride)	ug/m3	< 2.6			2.6	Pass	
cis-1.2-Dichloroethene	ug/m3	< 2			2	Pass	
cis-1.3-Dichloropropene	ug/m3	< 2.3			2.3	Pass	
Cyclohexane	ug/m3	< 3.5			3.5	Pass	
Dibromochloromethane	ug/m3	< 4.3			4.3	Pass	
Methylene Chloride	ug/m3	< 17.4			17.4	Pass	
Ethanol	ug/m3	< 9.4			9.4	Pass	
Ethylbenzene	ug/m3	< 2.2			2.2	Pass	
Freon 11 (Trichlorofluoromethane)	ug/m3	< 2.8			2.8	Pass	
Freon 113 (Trichlorotrifluoroethane)	ug/m3	< 3.8			3.8	Pass	
Freon 114	ug/m3	< 3.5			3.5	Pass	
Freon 12 (Dichlorodifluoromethane)	ug/m3	< 2.5			2.5	Pass	
Heptane	ug/m3	< 2.1			2.1	Pass	
Hexachlorobutadiene	ug/m3	< 21.3			21.3	Pass	
Hexane	ug/m3	< 5			5	Pass	
Isopropanol	ug/m3	< 50			50	Pass	
m,p-Xylene	ug/m3	< 4.4			4.4	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Xylenes - Total*	ug/m3	< 6.6			6.6	Pass	
Methyl t-Butyl Ether (MTBE)	ug/m3	< 7.2			7.2	Pass	
Naphthalene	ug/m3	< 10.5			10.5	Pass	
o-Xylene	ug/m3	< 2.2			2.2	Pass	
Propylene	ug/m3	< 8.6			8.6	Pass	
Styrene	ug/m3	< 2.1			2.1	Pass	
Tetrachloroethene	ug/m3	< 3.4			3.4	Pass	
Tetrahydrofuran	ug/m3	< 1.5			1.5	Pass	
Toluene	ug/m3	< 7.5			7.5	Pass	
trans-1,2-Dichloroethene	ug/m3	< 2			2	Pass	
trans-1,3-Dichloropropene	ug/m3	< 2.3			2.3	Pass	
Trichloroethene	ug/m3	< 2.7			2.7	Pass	
Vinyl Acetate	ug/m3	< 7			7.0	Pass	
Vinyl Chloride	ug/m3	< 2.5			2.5	Pass	
LCS - % Recovery							
US EPA Compendium Methods TO-15							
1.1-Dichloroethane	%	117			70-130	Pass	
1.1-Dichloroethene	%	117			70-130	Pass	
1.1.1-Trichloroethane	%	105			70-130	Pass	
1.1.2-Trichloroethane	%	124			70-130	Pass	
1.1.2.2-Tetrachloroethane	%	129			70-130	Pass	
1.2-Dibromoethane (EDB)	%	122			70-130	Pass	
1.2-Dichlorobenzene	%	100			70-130	Pass	
1.2-Dichloroethane	%	118			70-130	Pass	
1.2-Dichloropropane	%	119			70-130	Pass	
1.2.4-Trichlorobenzene	%	95			70-130	Pass	
1.2.4-Trimethylbenzene	%	103			70-130	Pass	
1.3-Butadiene	%	116			70-130	Pass	
1.3-Dichlorobenzene	%	101			70-130	Pass	
1.3.5-Trimethylbenzene	%	116			70-130	Pass	
1.4-Dichlorobenzene	%	102			70-130	Pass	
1.4-Dioxane	%	122			70-130	Pass	
2-Butanone (Methyl Ethyl Ketone)	%	108			70-130	Pass	
2-Hexanone	%	102			70-130	Pass	
2.2.4-Trimethylpentane	%	126			70-130	Pass	
3-Chloropropene	%	113			70-130	Pass	
4-Ethyltoluene	%	119			70-130	Pass	
4-Methyl-2-Pentanone (MIBK)	%	76			70-130	Pass	
Acetone	%	125			70-130	Pass	
Benzene	%	108			70-130	Pass	
Bromodichloromethane	%	130			70-130	Pass	
Bromoform	%	98			70-130	Pass	
Bromomethane	%	106			70-130	Pass	
Carbon Disulfide	%	107			70-130	Pass	
Carbon Tetrachloride	%	108			70-130	Pass	
Chlorobenzene	%	121			70-130	Pass	
Chloroethane	%	114			70-130	Pass	
Chloroform	%	117			70-130	Pass	
Chloromethane	%	130			70-130	Pass	
Chlorotoluene (Benzyl Chloride)	%	86			70-130	Pass	
cis-1,2-Dichloroethene	%	114			70-130	Pass	
cis-1,3-Dichloropropene	%	90			70-130	Pass	
Cyclohexane	%	103			70-130	Pass	
Dibromochloromethane	%	103			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Methylene Chloride	%	115			70-130	Pass	
Ethanol	%	95			70-130	Pass	
Ethylbenzene	%	129			70-130	Pass	
Freon 11 (Trichlorofluoromethane)	%	107			70-130	Pass	
Freon 113 (Trichlorotrifluoroethane)	%	98			70-130	Pass	
Freon 114	%	100			70-130	Pass	
Freon 12 (Dichlorodifluoromethane)	%	110			70-130	Pass	
Heptane	%	119			70-130	Pass	
Hexachlorobutadiene	%	105			70-130	Pass	
Hexane	%	108			70-130	Pass	
Isopropanol	%	100			70-130	Pass	
m,p-Xylene	%	125			70-130	Pass	
Xylenes - Total*	%	121			70-130	Pass	
Methyl t-Butyl Ether (MTBE)	%	91			70-130	Pass	
Naphthalene	%	90			70-130	Pass	
o-Xylene	%	114			70-130	Pass	
Propylene	%	104			70-130	Pass	
Styrene	%	111			70-130	Pass	
Tetrachloroethene	%	105			70-130	Pass	
Tetrahydrofuran	%	93			70-130	Pass	
Toluene	%	90			70-130	Pass	
trans-1,2-Dichloroethene	%	121			70-130	Pass	
trans-1,3-Dichloropropene	%	127			70-130	Pass	
Trichloroethene	%	108			70-130	Pass	
Vinyl Acetate	%	110			70-130	Pass	
Vinyl Chloride	%	119			70-130	Pass	

Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	N/A
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Authorised by:

Bonnie Pu	Analytical Services Manager
Sarah McCallion	Senior Analyst-Air



Glenn Jackson
Managing Director

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please [click here](#).

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.



SUMMA CANISTER CHAIN OF CUSTODY RECORD

ABN 50 005 085 521

☐ Sydney Laboratory

Unit F3 Bld.F, 16 Mars Rd, Lane Cove West, NSW 2066
02 9900 8400 EnviroSampleNSW@eurofins.com

☐ Brisbane Laboratory

Unit 1, 21 Smallwood Pl., Murarrie, QLD 4172
07 3902 4600 EnviroSampleQLD@eurofins.com

☐ Perth Laboratory

46-48 Banksia Rd, Welshpool WA 6106
08 9251 9600 EnviroSampleWA@eurofins.com

☐ Melbourne Laboratory

6 Monterey Road, Dandenong South, VIC 3175
03 8564 5000 EnviroSampleVic@eurofins.com

Company	Metech Consulting			Project No	EP241			Project Manager	Michael Evans			Sampler(s)	ME																	
Address				Project Name	Bankstown			EDD Format	ESdal, EQulS etc			Handed over by	ME																	
Contact Name	Michael Evans			Analysis	62 VOCs (TO-15)	TRH, F1, mod F2 (TO-15)	VPH aliphatic/aromatic speciation (TO-15)	ASTM Gas List (D1945/1946)	Helium only (D1946)	Canister Vacuum/Pressure	Initial	Final	Canister ID (e.g. 1L0020 or 6L0020)	Flow Controller ID (e.g. FC020 or 000020)	Required Turnaround Time (TAT) Default will be 5 days if not ticked. * Surcharge will apply ☐ Overnight (reporting by 9am) ♦ ☐ Same day ♦ ☐ 1 day ♦ ☐ 2 days ♦ ☐ 3 ☒ 5 days (Standard) ☐ Other ()															
Phone No	0434 681 148																													
Special Direction																														
Purchase Order	EP241																													
Quote ID No																														
Email for Invoice	mevans@metech-consulting																													
Email for Results																														
No	Client Sample ID	Date	Time												Sample Comments / Dangerous Goods Hazard Warning															
1	SV1	24/10/23	1415	X	X							28	1L0180	1025539																
2																														
3																														
4																														
5																														
6																														
7																														
8																														
9																														
Total Counts																														
Method of Shipment	☒ Courier (#) ☐ Hand Delivered ☐ Postal			Name			Michael Evans			Signature			Date			25/10/23			Time			0830								
Laboratory Use Only	Received By			Brennan			SYD BNE MEL PER ADL NTL DAR GEX WOL			Signature			Date			25/10			Time			9:37			Temperature			NA		
	Received By			Bradley			SYD BNE MEL PER ADL NTL DAR GEX WOL			Signature			Date			26/10			Time			9:00am			Report No			1038318		

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | Environment Testing Standard Terms and Conditions unless agreed otherwise. A copy of Eurofins | Environment Testing Standard Terms and Conditions is available on request

Appendix H

EPA Notice Correspondence

Clean-Up Notice



BEST YET DRY CLEANERS PTY LTD
Trading as BEST YET DRY CLEANERS
ABN 71 070 508 575
4/6a Chapel Road
BANKSTOWN NSW 2200

Attention: Jim Tsalikis

Notice Number 1512835
File Number FIL 12/2097
Date 15-Mar-2013

NOTICE OF CLEAN-UP ACTION

BACKGROUND

The Accountable Party BEST YET DRYCLEANERS PTY. LTD trading as "Best Yet Dry Cleaners" conducts dry cleaning operations at 4a/6 Chapel Road, BANKSTOWN NSW 2200 ("the premises").

On 27 February 2013, Dr Luke Formosa and Mr Roger De Keyzer conducted a site inspection of the premises. Perchloroethylene (PERC) contaminated dry cleaning waste was being stored at the rear of the shop inside and adjacent to the garage door (see Addendum for photographs). There were about 7 (20L) containers being stored in this area. This is a large stockpile of PERC waste and must be removed for legal disposal at an appropriately licensed waste facility.

DIRECTION TO TAKE CLEAN-UP ACTION

1. The Environment Protection Authority (EPA) directs BEST YET DRY CLEANERS PTY LTD to take the following clean-up action:
 - To engage the services of a licensed waste removalist company to remove all PERC waste currently at the premises. All PERC waste must be taken off "the premises" to an appropriately licensed waste facility by no later than **Friday 13 December 2013**.
 - The EPA must be notified immediately after PERC waste is removed from "the premises". All PERC waste removed must be tracked using the EPA's online waste tracking system.

Clean-Up Notice



.....
Andrew Hawkins
Manager Chemicals Regulation Unit
Hazardous Materials, Chemicals & Radiation
(by Delegation)

INFORMATION ABOUT THIS CLEAN-UP NOTICE

- This notice is issued under section 91 of the Protection of the Environment Operations Act 1997.
- It is an offence against the Act not to comply with a clean-up notice unless you have a reasonable excuse.

Penalty for not complying with this notice

- The maximum penalty for a corporation is \$1,000,000 and a further \$120,000 for each day the offence continues. The maximum penalty for an individual is \$250,000 and a further \$60,000 for each day the offence continues.

Cost recovery from the person who caused the incident

- If you comply with this clean-up notice but you are not the person who caused the pollution incident to which the notice relates, you have a right to go to court to recover your costs of complying with the notice from the person who caused the incident.

Clean-Up Notice



Other costs

- The Protection of the Environment Operations Act allows the EPA to recover from you reasonable costs and expenses it incurs in monitoring action taken under this notice, ensuring the notice is complied with and associated matters. (If you are going to be required to pay these costs and expenses you will later be sent a separate notice called a “Notice Requiring Payment of Reasonable Costs and Expenses”).

Continuing obligation

- Under section 319A of the Act, your obligation to comply with the requirements of this notice continues until the notice is complied with, even if the due date for compliance has passed.

Variation of this notice

- This notice may only be varied by subsequent notices issued by the EPA.

Subject: FW: EPA Notice to Best Yet Dry Cleaners PL at 4/6A Chapel Rd Bankstown [ref:_00D7F6iTix._5007F1Ps1D6:ref]
Date: Friday, 13 October 2023 at 4:53:31 pm Australian Eastern Daylight Time
From: [REDACTED]
To: [REDACTED]
Attachments: 1512835.pdf

[REDACTED]
Please find email from Steve James (EPA NSW) of clearing notice as we discussed. Should be enough for you to work on. Pls call him find out more information.
Let me know how you go.
Thanks
Sid

Sent from my Galaxy

----- Original message -----

From: Steven James <Steven.James@epa.nsw.gov.au>
Date: 13/10/23 4:47 pm (GMT+10:00)
To: [REDACTED]
Subject: FW: EPA Notice to Best Yet Dry Cleaners PL at 4/6A Chapel Rd Bankstown [ref:_00D7F6iTix._5007F1Ps1D6:ref]

Hi Sid,

Thanks for your enquiry and time on the phone just now. The EPA has reviewed Clean-Up Notice 1512835 which was issued to a former occupant of 4/6A Chapel Road Bankstown. The clean-up notice required the removal of chemical waste that was being stored at the premises. The EPA is satisfied that the premises is now occupied by a business that is unrelated to the former occupant and that the chemicals have been removed. That means Clean-up Notice 1512835 is no longer in force.

Regards,

Steven James

Unit Head

NSW Environment Protection Authority
+61 2 4908 6823 +61 413 450 328

www.epa.nsw.gov.au  [@NSW_EPA](https://twitter.com/NSW_EPA)  [EPA YouTube](https://www.youtube.com/epa)

Report pollution and environmental incidents 131 555 (NSW only) or +61 2 9995 5555

From: Environment Line <info@environment.nsw.gov.au>

Sent: Thursday, 12 October 2023 5:03 PM
To: EPA Delivery Hub Mailbox <EPA.DeliveryHub@epa.nsw.gov.au>
Subject: FW: EPA Notice to Best Yet Dry Cleaners PL at 4/6A Chapel Rd Bankstown [ref:_00D7F6iTix._5007F1Ps1D6:ref]

Correspondent seeks clarity on status of Clean Up notice 1512835

Alice
Senior Information Officer

Department of Planning and Environment
info@environment.nsw.gov.au
info@epa.nsw.gov.au
Phone: 131555
Follow us on twitter for the latest news and media release alerts @NSW_EPA

<https://www.dpie.nsw.gov.au/>

The Department of Planning and Environment acknowledges that it stands on Aboriginal land. We acknowledge the traditional custodians of the land and we show our respect for elders past, present and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing commitment to providing places in which Aboriginal people are included socially, culturally and economically.

----- Forwarded Message -----

From: [REDACTED]
Sent: 12/10/2023 16:29
To: info@epa.nsw.gov.au
Subject: [SUSPECTED SPAM] Re: EPA Notice to Best Yet Dry Cleaners PL at 4/6A Chapel Rd Bankstown

Hi EPA Department
Hope you're well. Please find attachment letter regarding subject above that was given to that company leasing my shop back 2013. I am the landlord that bought that property 2016.
With this notice, has it been satisfied and cleared. If so, can you email proof certificate of clearness as I need to keep in my records.
Please don't hesitate to call me on [REDACTED].
Thank you
Sid
Sent from my Galaxy

This email is intended for the addressee(s) named and may contain confidential and/or privileged information. If you are not the intended recipient, please notify the sender and then delete it immediately. Any views expressed in this email are those of the individual sender except where the sender expressly and with authority states them to be the views of the NSW Office of Environment, Energy and Science.

PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS EMAIL

ref:_00D7F6iTix._5007F1Ps1D6:ref