



Report Type: Preliminary Site Investigation
Site Address: 1400 – 1480 Elizabeth Drive, Cecil Park, NSW
Report Number: 2255/ER-1-1
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Prepared for

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12th May 2016

Western Sydney Town Centre Pty Ltd
C/o KWC Capital Partners Pty Ltd
Level 12, 32 Martin Place
Sydney, NSW, 2000

RE: PRELIMINARY SITE INVESTIGATION – 1400 – 1480 ELIZABETH DRIVE, CECIL PARK, NSW

Alliance Geotechnical Pty Ltd (AG) hereby submits this Preliminary Site Investigation (PSI) of the above site.

This report documents the findings of the completed environmental tasks, including reviews of historical information, statutory notices and a site inspection to assess areas of environmental concern. Based on desktop study findings and field observations, conclusions are drawn regarding the potential for site contamination, with recommendations for additional action, if necessary.

Should you require further information or clarification regarding any aspect of this report, please call the undersigned on 1800 288 188.

For and on behalf of,
Alliance Geotechnical Pty Ltd



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TABLE OF CONTENTS

EXECUTIVE SUMMARY	5
1.0 INTRODUCTION.....	7
1.1 Background.....	7
1.2 Objective.....	7
1.3 Scope of Work	7
2.0 SITE LOCATION AND IDENTIFICATION	8
2.1 Site Details	8
2.2 Site Features	9
3.0 SITE HISTORY	10
3.1 Current and Proposed Land Use.....	10
3.2 Historical Site Use.....	10
3.3 Surrounding Land Use	10
3.4 Review of Aerial Photographs	11
3.5 Permits, Licenses, Approvals and Complaint History	17
3.6 Site History Summary	17
4.0 SITE CONDITION AND SURROUNDING ENVIRONMENT	18
4.1 Site Inspection	18
4.2 Topography and Site Drainage	18
4.3 Regional Geology and Soil Landscape	18
4.4 Hydrogeology.....	19
5.0 INITIAL CONCEPTUAL SITE MODEL	20
5.1 Known and Potential Sources of Contamination.....	20
5.2 Potentially Affected Media.....	20
5.3 Human and Ecological Receptors	20
5.4 Potential and Complete Exposure Pathways.....	21
5.5 Discussion	21
6.0 CONCLUSIONS AND RECOMMENDATIONS	22
7.0 STATEMENT OF LIMITATIONS	23
8.0 REFERENCES.....	24

FIGURES

Figure 1: Site Location

Figure 2: Site Features

Figure 3: Areas of Environmental Concern

APPENDICES

- A Site Photographs
- B Land Titles Information (supplied by Advanced Legal Searchers Pty Ltd)
- C Map of Registered Groundwater Bores within 1.5 km of the Site
- D EPA Notices and Records

EXECUTIVE SUMMARY

Alliance Geotechnical Pty Ltd (AG) was engaged by Western Sydney Town Centre Pty Ltd c/- KWC Capital Partners Pty Ltd (the client), to conduct a Preliminary Site Investigation at 1400 – 1480 Elizabeth Drive, Cecil Park, NSW (herein referred to as ‘the site’). The site is legally identified as Lots 1 to 9 in Deposited Plan (DP) 1054778 and covered an area of approximately 19 hectares. The site is currently used for vacant / agricultural land uses and is the proposed area of the Western Sydney Town Centre, anticipated to be redeveloped for commercial land use. Due to the preliminary nature of the development, plans were not available at the time of reporting. A PSI was required to identify the potential for contamination at the site for development application purposes.

The main objective of this investigation was to assess the potential for soil and groundwater contamination at the site, based on a review of site setting and past land uses (i.e. site history) and a site inspection to assess potential sources of existing contamination.

The scope of works comprised:

- reviews of site history information including land titles and historical aerial photographs;
- a review of the NSW Environment Protection Authority (EPA) public registers to confirm that there were no statutory notices on any parts of the site under the Contaminated Land Management Act 1997 and the Protection of the Environment Operations Act 1997 (POEO Act 1997);
- a site walkover inspection, designed to observe landscape characteristics and check for indicators of actual/potential contamination;
- reviews of site condition and surrounding environment including geology, hydrogeology and topography; and
- interpretation of the available site history/site setting information and field observations and compilation of a final report, including a statement regarding the potential for contamination to exist at the site.

In summary, the site appeared to have been used for rural / residential land use with no large scale industrial land use expected to have occurred. A review of aerial photography indicated that the site dwelling had been constructed prior to 1986 which indicated the potential for hazardous materials to have been used in construction. Also, the aerial photographs indicated that a large area of the site was used to store cars, trucks, shipping containers of unknown contents and other stockpiles of unknown materials for a number of years.

The site buildings and miscellaneous objects had been removed and minor remnant materials remained on the surface of the site and there was also minor evidence of earthworks. Based on these observations, there is the potential for hazardous materials to have been used in the construction of the former / current site buildings and therefore the potential for these hazardous materials to be present within site fill material.

The neighbouring property to the site was observed to comprise a quarry and waste disposal facility (Brandown Quarries) which had held an Environment Protection Licence from 1999 until present. Based on the information on the POEO public register, Brandown Quarries are not likely to have caused widespread contamination at the site.

Based on the historical information and site observations, the following potential sources of contamination were identified:

- Former agricultural land use (cropping) and the potential for pesticide use;
- Surface soil impacted by the former storage of multiple vehicles and other unknown materials;

- Fill material of unknown origin including:
 - The potential for hazardous materials to be present in fill material as a result of demolition of former structures;
 - Material used to fill former site dams; and
 - Fly-tipped soils observed during the site inspection.

The contaminants of potential concern (COPCs) at the site include the following:

- Heavy metals;
- Total Petroleum Hydrocarbons (TPH);
- Benzene, Toluene, Ethylbenzene and Xylene (BTEX);
- Polycyclic Aromatic Hydrocarbons (PAH);
- Asbestos; and
- Organochloride / Organophosphate Pesticides (OCP/OPP).

Based on the findings of this assessment and the Limitations in **Section 7**, it was concluded that the site should be appropriately assessed under NSW EPA Guidelines to make conclusions on whether the AECs identified during this assessment site pose a risk to human or ecological health. A Stage 2 Detailed Site Investigation (DSI) should be completed. The Stage 2 DSI should include a statement regarding the suitability of the site for the proposed/potential land use.

1.0 INTRODUCTION

1.1 Background

Alliance Geotechnical Pty Ltd (AG) was engaged by Western Sydney Town Centre Pty Ltd c/- KWC Capital Partners Pty Ltd (the client), to conduct a Preliminary Site Investigation (PSI) (contamination assessment) at 1400 – 1480 Elizabeth Drive, Cecil Park, NSW (herein referred to as ‘the site’), see **Figure 1**. The site is legally identified as Lots 1 to 9 in Deposited Plan (DP) 1054778 and covered an area of approximately 19 hectares (see **Figure 2**).

The site is currently used for vacant / agricultural land uses and is the proposed area of the Western Sydney Town Centre, anticipated to be redeveloped for commercial land use. Due to the preliminary nature of the development, plans were not available at the time of reporting. A PSI was required to identify the potential for contamination at the site for development application purposes.

This report documents the findings of all environmental tasks completed by AG, including reviews of historical information, statutory notices and field observations. Based on the investigation, conclusions are drawn regarding the potential for site contamination, with recommendations for additional action, if necessary.

The investigation has been developed in general accordance with relevant guidelines made or approved by the NSW Environment Protection Authority (EPA).

1.2 Objective

The main objective of this investigation was to assess the potential for soil and groundwater contamination at the site, based on a review of site setting and past land uses (i.e. site history).

1.3 Scope of Work

The scope of works comprised:

- reviews of site history information including land titles and historical aerial photographs;
- a review of the NSW Environment Protection Authority (EPA) public registers to confirm that there were no statutory notices on any parts of the site under the Contaminated Land Management Act 1997 and the Protection of the Environment Operations Act 1997 (POEO Act 1997);
- a site walkover inspection, designed to observe landscape characteristics and check for indicators of actual/potential contamination;
- reviews of site condition and surrounding environment including geology, hydrogeology and topography; and
- interpretation of the available site history/site setting information and field observations and compilation of a final report, including a statement regarding the potential for contamination to exist at the site.

2.0 SITE LOCATION AND IDENTIFICATION

2.1 Site Details

The site was located at 1400 – 1480 Elizabeth Drive, Cecil Park, NSW (Ref. **Figure 1**). It was further identified as Lots 1 to 9 in DP 1054778. The approximate geographic coordinates of the site were 33.881581 S, 150.810418 E. The site was an irregular shaped parcel of land, covering an area of approximately 19 hectares.

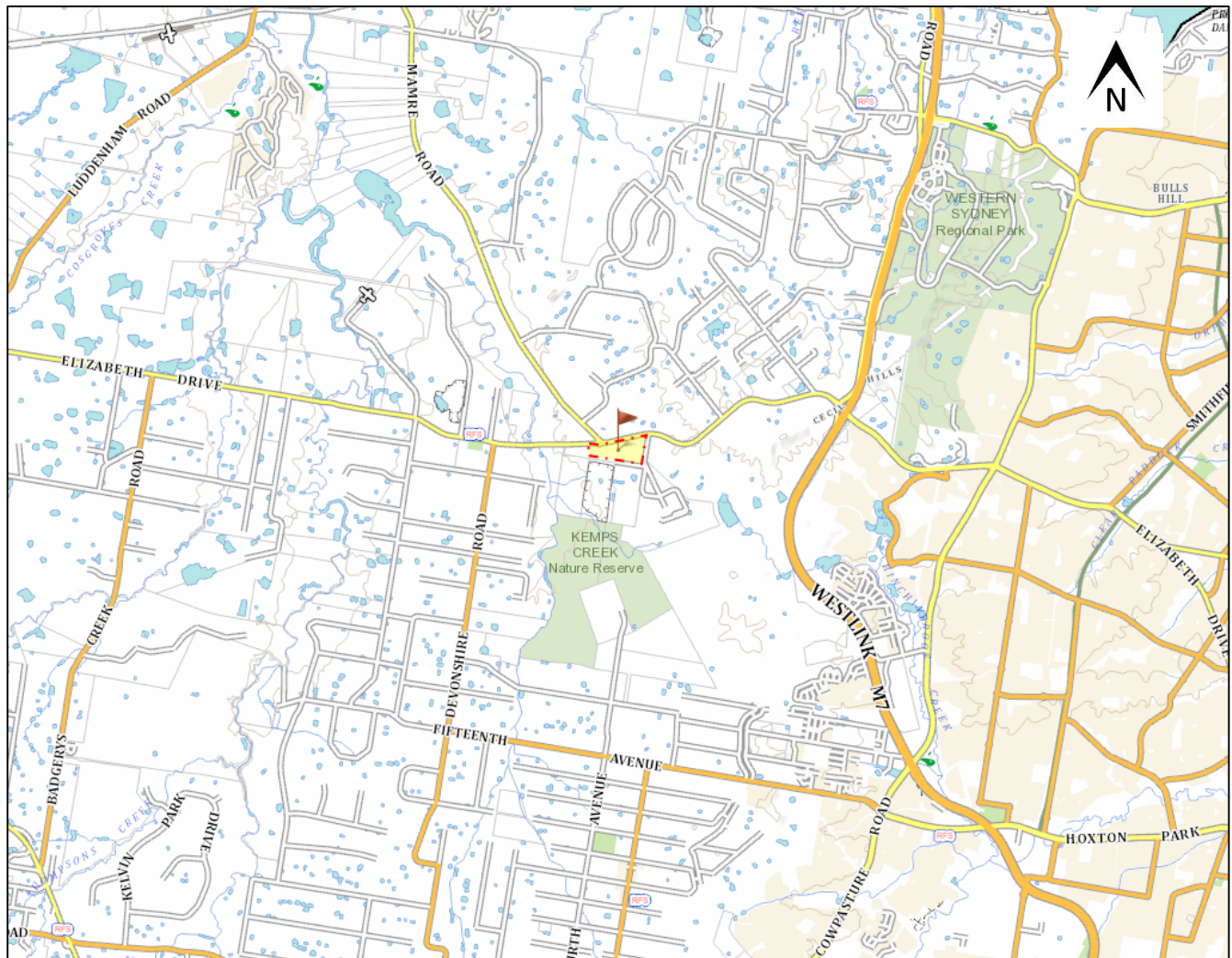


Figure 1: Locality Map

2.2 Site Features

At the time of the inspection, the site consisted of a large vacant area that was used for minor agricultural purposes (approximately 10 cows were observed). The site was relatively cleared with site vegetation including grasses and minor, localised pockets of trees. Other site features included minor soil stockpiles, two small temporary structures and footings of a former structure, dry creek lines and a small farm dam. The entire site was secured with a combination of locked gates, barbed wire and electric fencing around the perimeter. The site features are shown in **Figure 2** below and are discussed further in **Section 4**. Photographs taken during the site inspection are included in **Appendix A**.



Figure 2: Site Layout and Features

3.0 SITE HISTORY

3.1 Current and Proposed Land Use

The site is currently vacant / used for low intensity agricultural purposes. The proposed land use is commercial.

3.2 Historical Site Use

A review of the land title records was undertaken to assist in identifying historic land uses. The land title records were sourced from Advanced Legal Searchers and are summarised in **Table 3.1** below. For further reference, the land title records are included in **Appendix B**.

Table 3.1: Historical Land Use Summary

Time Period	Site Owner	Land Use
<i>Lots 1 to 9 in DP 1054778</i>		
1896 – 1929	Henry William Watts, orchardist	Rural / Residential
1929 – 1930	John Redshaw, gentleman Florence Isabella Parker, wife of clerk	Rural / Residential
1930 – 1935	Timothy Seery, farmer	Rural / Residential
1935 – 1940	Frederick Raymond Collins, labourer Dinah Jane Collins, wife	Rural / Residential
1940 – 1967	Alexander William Groth, farmer	Rural / Residential
1967 – 1968	Radivoj Stoickovick, company director	Rural / Residential
1968 – 2016	Guiseppe Carbone, green grocer (1968 – 2015) Rosa Carbone, wife Francesco Carbone, green grocer Santa Carbone, wife	Rural / Residential
2016 – to date	Western Sydney Town Centre Pty Limited	None

Based on land titles records above, the site was used for rural residential purposes from 1896 until 2016. The site had been owned by an orchardist, a number of farmers and green grocers.

3.3 Surrounding Land Use

The current land use of the surrounding areas included:

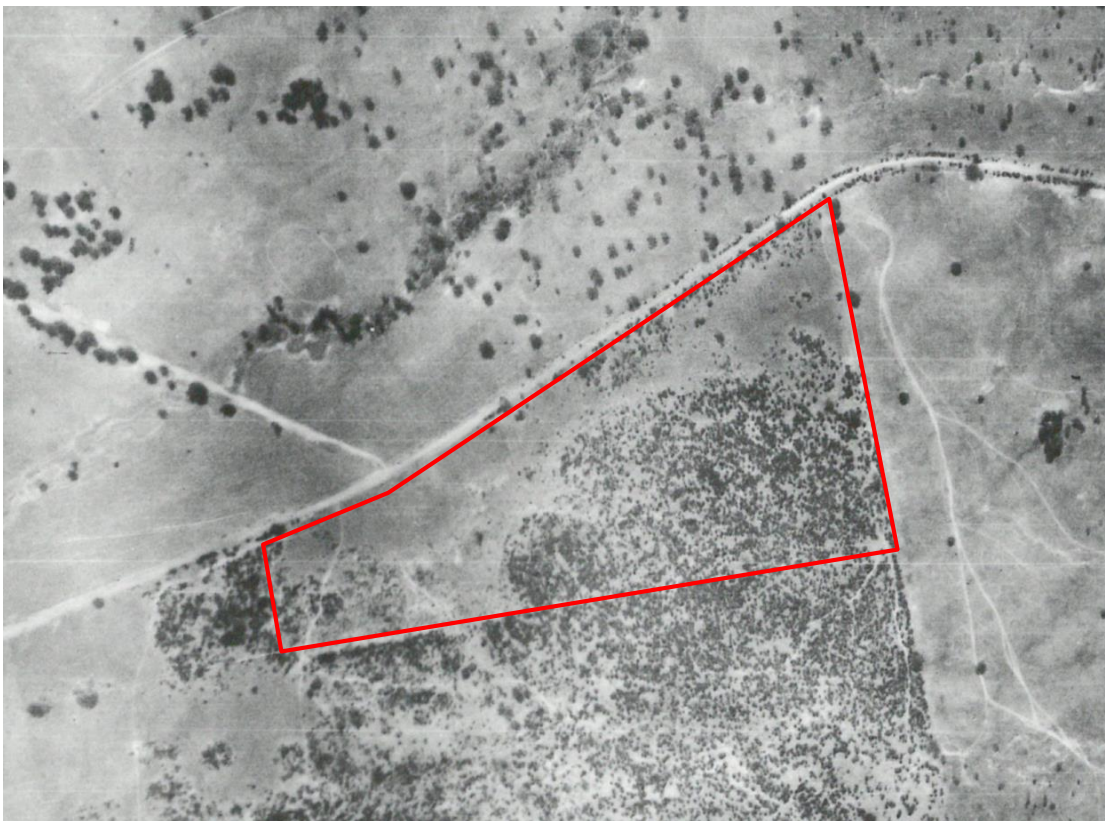
- Elizabeth Drive to the north, beyond which was mixed commercial / industrial and rural / residential land uses;
- Range Road to the east, beyond which was recreational land use (mountain bike track and rifle shooting range);
- Range Road forms a portion of the southern site boundary with and a Quarry / Waste Disposal & Recycling Facility (Brandown Quarries) to the south. The area further to the south of Range Road was commercial / industrial (private warehouse with storage of mechanical equipment); and
- The Kemps Creek Sporting and Bowling Club (Recreational) to the west.

The historical land use of surrounding areas is discussed further in **Section 3.4**.

3.4 Review of Aerial Photographs

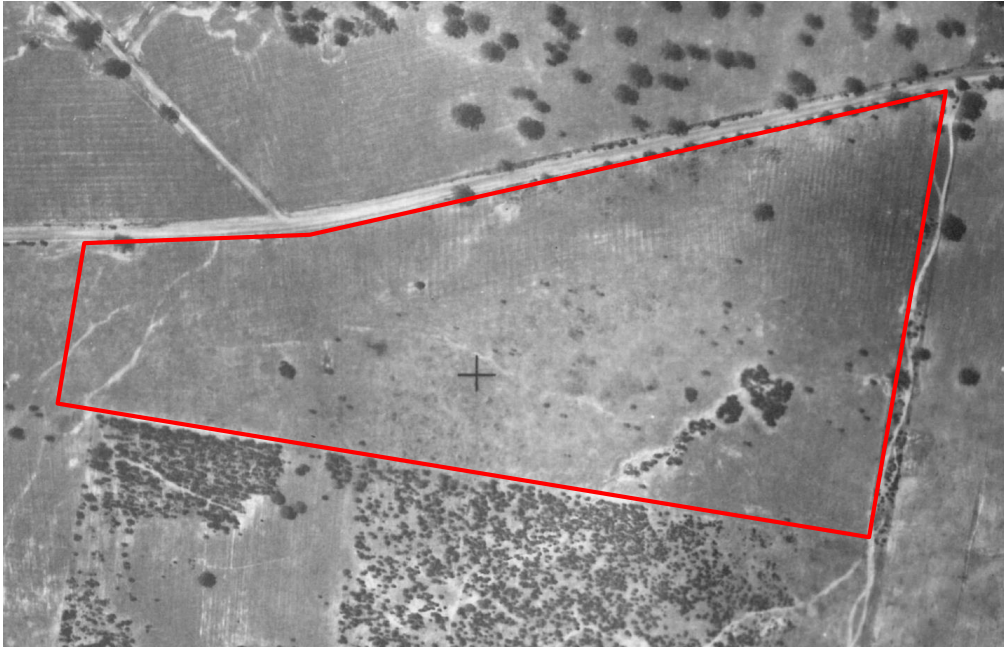
A review of aerial photographs from 1930, 1947, 1965, 1978, 1986, 1994, 2005 and 2015 was conducted. A discussion of the imagery has been included below:

1930



The site appeared to consist of a large vegetated area with no observed buildings or obvious land use. A large portion of the site was covered in trees. A road (likely the current Elizabeth Drive) formed the northern site boundary and was observed to be an unsealed. A drainage channel was observed in the western portion of the site and was suspected of being a precipitation overland flow path from Elizabeth Drive to the south.

1947



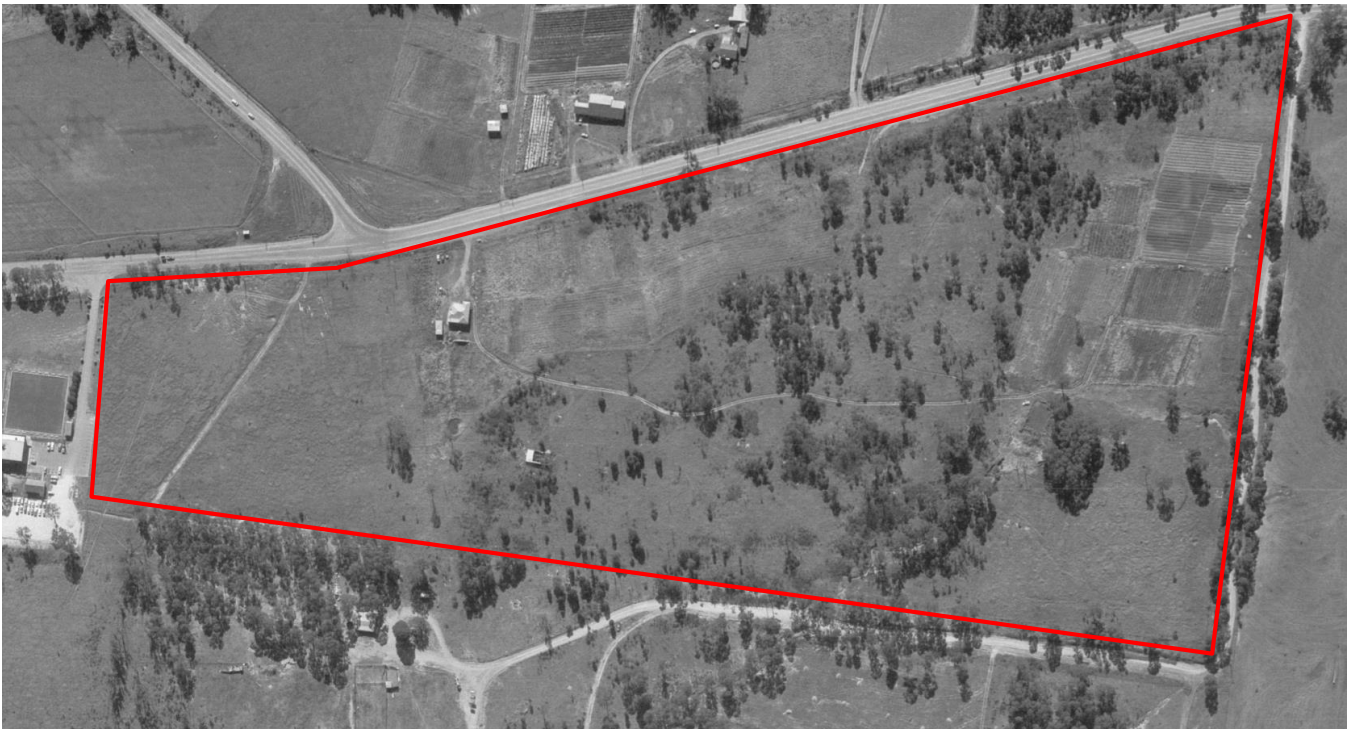
The site appeared to have been cleared of trees with the exception of some minor trees in the south-western corner in the area of a drainage line and other minor localised trees. No buildings had been constructed at the site or on the surrounding properties. Surface scarring appeared to have occurred in the northern portions of the site, consistent with the effects of farming / land clearing practices. The surrounding areas appeared to have remained similar to the previous aerial photograph. Elizabeth Drive appeared to have been sealed and a road (likely the current Range Road) appeared to have been constructed along the eastern site boundary and appears unsealed.

1965



The site use appeared similar to the previous aerial photograph except an unsealed road appeared to have been constructed between Elizabeth Drive and the property to the south and a number of the trees appeared to have increased in size. Further, two tracks were evident with one located on the western portion of the site and a second track located on the eastern portion of the site. This second track appears to be in the location of the current powerline easement and may indicate the construction of the powerline had recently occurred (an area of existing trees that intersected the alignment had been cleared). Quarrying activities appeared to have commenced at the property to the south of the site and the new road through the site was the point of ingress / egress for the quarry. The other surrounding properties appeared similar to the previous aerial photograph.

1978



A residential dwelling (with two sheds) appeared to have been constructed in the western portion of the site, approximately 50 m from the northern boundary. A driveway had also been constructed which provided access from Elizabeth Drive to the dwelling. Evidence of farming (crops) and minor earthmoving appeared in the area to the east of the dwelling and in the far north-eastern portion of the site. A small farm dam had been constructed in the area to the south of the area of crops. The site driveway continued from the dwelling to the far north-eastern area of farming activities. A shed was also observed in the centre of the site, to the south of the driveway. The two tracks identified in the 1965 aerial photograph were no longer evident.

In areas surrounding the site, the previously observed road (the current Range Road) appeared to have been extended along a portion of the southern site boundary and formed and widened along the entire length. The road appears to be the main point of access to the quarry to the south of the site. The road forming the northern site boundary (the current Elizabeth Drive) has been widened. The properties to the north of the site had been developed for rural residential land use. The area to the west had been developed as the Kemps Creek Sporting and Bowling Club and the area to the east remained vacant.

1986



The area to the south east of the site dwelling appeared to be used to store multiple cars, trucks, shipping containers and stockpiles of unknown materials. The north-eastern portion of the site appeared to continue to be used for cropping purposes. The former road that was used as the access point to the quarry in the 1965 photograph appeared to no longer be used and is partially overgrown.

The land use of the surrounding areas appeared similar to the previous aerial photograph.

1994



The majority of the cars, trucks and other materials in the centre of the site that appeared in the previous aerial photograph appeared to have been removed, however, remnant objects were observed to remain. The site appeared to have ceased to be used for farming purposes with no cropping areas observed. Minor stockpiles and potential areas of fill/earthworks were observed. Minor alterations to the area surrounding the dwelling were also observed.

The property to the south appeared to have increased in production of quarried products. Elizabeth Drive appears to have undergone further improvements with a roundabout with Mamre Road now evident. What appears to be a commercial development (the location of the current landscaping supplies business) exist to the northwest of the roundabout. The remaining surrounding area appeared similar to the previous aerial photograph.

2005



The residential dwelling and all other structures / objects appeared to have been removed from the site. The central portion of the site appeared to have undergone earthworks with bare earth visible. The dam that was present at the site in the previous aerial photographs appeared to have been removed (filled). The land use of the surrounding areas appeared similar to the previous aerial photograph.

2015



The site and surrounding areas appeared similar to the previous aerial photograph except the site vegetation appeared to have re-grown across the whole site and two temporary structures appeared and minor objects had appeared on the surface in localised areas.

3.5 Permits, Licenses, Approvals and Complaint History

A review of the NSW EPA List of Contaminated Sites was completed on 11th March 2016. The results indicated that the site was not the subject of any notifications to the NSW EPA under Section 60 of the Contaminated Land Management Act 1997 (CLM Act 1997), refer to records in **Appendix D**.

A review of the NSW EPA Record of Notices was completed on 11th March 2016. The results indicated that the site was not the subject of any notifications to the NSW Office of Environment and Heritage under Section 58 of the CLM Act 1997.

A review of the public register under the Protection of the Environment Operations Act 1997 (the POEO Act) was completed on 11th March 2016. The results indicated that no environment protection licenses, penalty notices issued by the NSW EPA, convictions under the POEO Act or pollution studies and reduction programs applied to the site.

The review of the POEO public register identified that the neighbouring site to the south (Brandown Quarries) had held an Environment Protection Licence from 1999 until present for the extraction of quarried products and waste disposal by application to land. Discharges to air and water and applications to land were monitored under the conditions of the licence, including dust, surface water and groundwater monitoring.

Dust monitoring was completed at the north-east, north-west and south-east corners of the quarry site. Data was available on the Brandown Quarries website and indicated that from 2010 (start of record) until present, the average dust readings at all locations were below the compliance level regulated by the EPA. Water monitoring data was available for 15 groundwater monitoring wells and 5 surface water monitoring locations. Based on the data available, Brandown Quarries was not likely to have caused contamination at the site.

3.6 Site History Summary

In summary, the site appeared to have been used for rural / residential land use with no large scale industrial land use expected to have occurred. A review of aerial photography indicated that the site dwelling had been constructed prior to 1986 which indicated the potential for hazardous materials to have been used in construction. Also, the aerial photographs indicated that a large area of the site was used to store cars, trucks, shipping containers of unknown contents and other stockpiles of unknown materials for a number of years.

Areas of the site have been used for agricultural / cropping purposes. There is potential pesticide application may have occurred in these areas.

The site buildings and miscellaneous objects had been removed and minor remnant materials remained on the surface of the site and there was also minor evidence of earthworks. Based on these observations, there is the potential for hazardous materials to have been used in the construction of the former / current site buildings and therefore the potential for these hazardous materials to be present within site fill material.

The neighbouring property to the site was observed to comprise a quarry and waste disposal facility (Brandown Quarries) which had held an Environment Protection Licence from 1999 until present. Based on the information on the POEO public register, Brandown Quarries are unlikely to have caused widespread contamination at the site.

4.0 SITE CONDITION AND SURROUNDING ENVIRONMENT

4.1 Site Inspection

A suitably qualified and experienced environmental scientist from AG inspected the site on 10th March 2016 with the following observations made (refer to **Appendix A** for site photographs):

- The site appeared to be vacant and was used for minor agricultural purposes (livestock grazing);
- No buildings were observed with the exception of two temporary structures;
- The site was well secured with a combination of barbed wire and electric fences and locked gates. There was minor evidence of stockpiles on-site, potentially as a result of illegal dumping;
- There was no observed storage of chemicals and / or wastes;
- No underground storage tanks (USTs) or above ground storage tanks (ASTs) were observed;
- No asbestos containing materials (ACM) was observed at the site and no hydrocarbon odours or staining was observed at the site, however, the vast majority of the site was inaccessible due to the site fencing;
- In the areas of vegetation, there were no visible signs of plant stress. However, the site appeared to be very dry with evidence of salinity and erosion impacts including minor trees falling over due to erosion).

4.2 Topography and Site Drainage

The site sloped downwards at an average gradient of approximately 3 % towards the south-west. Information provided on the NSW Land & Property Information Spatial Information Exchange (SIX) (<https://maps.six.nsw.gov.au>) was consistent with this description and indicated that the site elevation ranged from approximately 80 m above sea level (i.e. 80 m Australian Height Datum (AHD)) in the north-eastern corner to 55 m AHD in the south-western portion.

As the site was entirely unsealed, precipitation is anticipated to infiltrate the ground surface until near-surface soils reach saturation point, after which any excess precipitation is anticipated to flow along the surface of the site in the direction of the surface topography. Surface water pooling is anticipated to occur in the low lying areas of the site.

The nearest surface water receptor was an unnamed gully in the south-eastern portion of the site. During heavy rainfall events, precipitation is anticipated to flow to the south, across Range Road to the neighbouring property to the south. The next closest surface water receptor was an unnamed tributary of Kemps Creek, located approximately 250 m to the south of the south-western corner of the site. The tributary was observed to flow from Brandown Quarries, west approximately 500 m to Kemps Creek. Based on site topography, runoff and groundwater at the site is likely to flow to the south and south-west.

4.3 Regional Geology and Soil Landscape

Information on regional sub-surface conditions, referenced from the Geological Survey of NSW / Department of Mineral Resources Penrith 1:100,000 Geological Series Sheet 9130 (GS NSW / DMR, 1983), indicated that the site overlies Wianamatta Group Bringelly Shale (Rwb). Bringelly Shale is described as "Shale, carbonaceous claystone, claystone, laminite, fine to medium grained lithic sandstone, rare coal and tuff."

A review of the NSW Department of Environment Climate Change and Water (DECCW) Soil Landscape Series Sheet 9030 Penrith 1:100,000 (DECCW 2010) indicated that the eastern half of the site was located within the

Luddenham Soil Landscape Grouping (lu) and the western half was located within the Blacktown Soil Landscape Grouping (bt).

The Luddenham soil landscape group is generally characterised by undulating to rolling hills on Wianamatta Group shales, often associated with Minchinbury Sandstone. Local relief 50-80 m, slopes 5-20 %, narrow ridges, hillcrests and valleys. Extensively cleared tall open forest (wet sclerophyll forest). Soils include shallow (< 100 cm) dark podzolic soils or massive earthy clays on crests, moderately deep (< 150 cm) yellow podzolic soils and prairie soils on lower slopes and drainage lines. Limitations of this soil group include high soil erosion hazard, localised impermeable highly plastic subsoil and moderately reactive.

The Blacktown soil landscape group is generally characterised by gently undulating rises on Wianamatta Group shales. Local relief to 30 m, slopes usually > 5 %. Broad rounded crests and ridges with gently inclined slopes. Cleared Eucalypt woodland and tall open forest (dry sclerophyll forest). Soils include shallow to moderately deep (> 100 cm) hardsetting mottled texture contrast soils, red and brown podzolic soils on crests grading to yellow podzolic soils on lower slopes and drainage lines. Limitations include moderately reactive highly plastic subsoil, low soil fertility, poor soil drainage.

Based on a review of the Liverpool 1:25000 NSW Department of Land & Water Conservation (DLWC) Acid Sulphate Soils Risk Map, the site was not within an area of suspected Acid Sulphate Soils.

4.4 Hydrogeology

A review of the NSW Office of Water groundwater database indicated that four (4) registered groundwater bores were located within a 1.5 km radius of the site, refer to map in **Appendix C**. A summary of groundwater information from these records is included in **Table 4.1** below:

Table 4.1: Groundwater Monitoring Bore Information

Groundwater Bore ID	Distance from site (m)	Total Depth (m bgs)	Standing Water Level (m bgs)	Geology
GW104081	100 m south	30.0	ND	0.0 – 4.0 m – Brown Clay 4.0 – 5.0 m – Weathered shale 5.0 – 30.0 m – Shale
GW104080	300 m south	30.0	ND	0.0 – 6.0 m – Brown Clay 6.0 – 7.0 m – Weathered shale 7.0 – 30.0 m – Shale
GW104079	500 m south	30.0	ND	0.0 – 4.0 m – Brown Clay 4.0 – 5.0 m – Weathered shale 5.0 – 30.0 m – Shale
GW104078	700 m south	30.0	ND	0.0 – 4.0 m – Brown Clay 4.0 – 5.0 m – Weathered shale 5.0 – 30.0 m – Shale

*ND = No data

Information was also sourced from the Brandown Quarries website which reported the depth and quality of the groundwater at the property to the south of the site. The information included the depth to groundwater at the 15 groundwater monitoring wells at the property. Based on the information, the approximate depth to groundwater at the site is expected to be approximately 7 m bgs at the bore nearest to the site. Also, the standing water level (SWL) differentials between the bore indicated that regionally, groundwater flowed in a south-westerly direction (i.e. towards Kemps Creek).

Based on this information, groundwater at the site is expected to be approximately 7.0 m bgs and will also flow towards the south-west in accordance with the regional topography.

5.0 INITIAL CONCEPTUAL SITE MODEL

This initial conceptual site model has been prepared in accordance with guidance provided in *Section 4 of Schedule B2 of the National Environment Protection (Assessment of Site Contamination) Amendment Measure 2013* (NEPC 2013) and the *NSW EPA Guidelines for Consultants Reporting on Contaminated Sites* (EPA 1997).

5.1 Known and Potential Sources of Contamination

Based on the historical information and site observations, the following potential sources of contamination were identified:

- Former agricultural land use (cropping) and the potential for pesticide use;
- Surface soil impacted by the former storage of multiple vehicles and other unknown materials;
- Fill material of unknown origin including:
 - The potential for hazardous materials to be present in fill material as a result of demolition of former structures;
 - Material used to fill former site dams; and
 - Fly-tipped soils observed during the site inspection.

The contaminants of potential concern (COPCs) at the site include the following:

- Heavy metals;
- Total Petroleum Hydrocarbons (TPH);
- Benzene, Toluene, Ethylbenzene and Xylene (BTEX);
- Polycyclic Aromatic Hydrocarbons (PAH);
- Asbestos; and
- Organochloride / Organophosphate Pesticides (OCP/OPP).

5.2 Potentially Affected Media

The following media are considered to be potentially contaminated as a result of the potential contamination at the site:

- Fill material due to the unknown origin and the potential for former buildings to have been removed using inappropriate demolition techniques and the former prevalence of ‘burying’ contamination / former buildings on rural sites;
- Natural soils underlying the fill material due to the potential for contaminants in the fill material to leach downwards.

Groundwater was not expected to be a potentially contaminated media due to the expected low permeability of the clayey soils at the site and the expected depth to groundwater (>7 m bgs). Contamination of natural soils and groundwater is highly dependent on the absence / presence of gross contamination in soils at the site (or via migration from off-site sources).

5.3 Human and Ecological Receptors

Given the proposed commercial / residential land use of the site, the potential human receptors include:

- Future users/occupants of the site may potentially be exposed to COPCs through:

- direct contact with impacted soils; and/or
- ingestion of impacted soils; and/or
- Inhalation of dusts/fibres / vapours associated with impacted soils and/or groundwater.
- Workers conducting activities at the site (including during redevelopment and any future maintenance activities), who may potentially be exposed to COPCs through:
 - direct contact with impacted soils / groundwater present within excavations; and/or
 - Inhalation of dusts/fibres/vapours associated with impacted soils and/or groundwater.

The potential ecological receptors include flora species to be established on the vegetated areas of the site.

5.4 Potential and Complete Exposure Pathways

Based on the COPCs identified, potential exposure pathways at the site include:

- Potential dermal, inhalation and oral exposure to impacted soils present at shallow depths and/or accessible by future excavations at the site;
- Potential dermal and oral exposure to surface water and/or seepage water within excavations; and/or
- Potential contaminant uptake by vegetation.

5.5 Discussion

Based on the site history review and site inspection, widespread contamination of the site is not expected to have occurred. However, a number of potential sources of localised contamination were identified including:

- Former agricultural land use (cropping) and the potential for pesticide use;
- Surface soil impacted by the former storage of multiple vehicles and other unknown materials;
- Fill material of unknown origin including:
 - The potential for hazardous materials to be present in fill material as a result of demolition of former structures;
 - Material used to fill former site dams; and
 - Fly-tipped soils observed during the site inspection.

These AECs have been identified on **Figure 3**.

It is recommended that soil samples are collected to target the AECs and a Stage 2 Detailed Site Investigation should be completed to address the potential for contamination and to assess the suitability of the site for the proposed land use.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of this assessment and the Limitations in **Section 7**, it was concluded that the areas of environmental concern included:

- Former agricultural land use (cropping) and the potential for pesticide use;
- Surface soil impacted by the former storage of multiple vehicles and other unknown materials;
- Fill material of unknown origin including:
 - The potential for hazardous materials to be present in fill material as a result of demolition of former structures;
 - Material used to fill former site dams; and
 - Fly-tipped soils observed during the site inspection.

It is recommended that the site is appropriately assessed under NSW EPA Guidelines to make conclusions on whether these the fill material at the site poses a risk to human or ecological health. A Stage 2 Detailed Site Investigation should be completed. The Stage 2 investigation should target the areas of environmental concern and should provide a statement regarding the suitability of the site for the proposed/potential land use.

7.0 STATEMENT OF LIMITATIONS

This Preliminary Site Investigation evaluated the likelihood of the site contamination resulting from previous uses of the site. The appraisal was limited to visual inspection of ground level conditions and a review of anecdotal and historical information that was available from local and state government authorities. It is assumed that this information was accurate and complete.

Sampling and laboratory analysis of the site materials were not conducted as part of this assessment. Although this methodology is consistent with current industry practice for such appraisal assessments, no warranty or guarantee of site conditions is given or intended.

This report has been prepared by Alliance Geotechnical for the sole use of Western Sydney Town Centre Pty Ltd. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by other third parties. This report does not purport to provide legal advice.

This report remains the property of Alliance Geotechnical subject to payment of all fees due for the assessment. The report shall not be reproduced except in full and with prior written permission by Alliance Geotechnical Pty Ltd.

Should you require additional information or clarification regarding any aspect of this report, please call the undersigned on 1800 188 288.

For and on behalf of,
Alliance Geotechnical Pty Ltd



Benjamin Regan
B. Eng. (Environmental)
Senior Environmental Consultant
Alliance Geotechnical Pty Ltd

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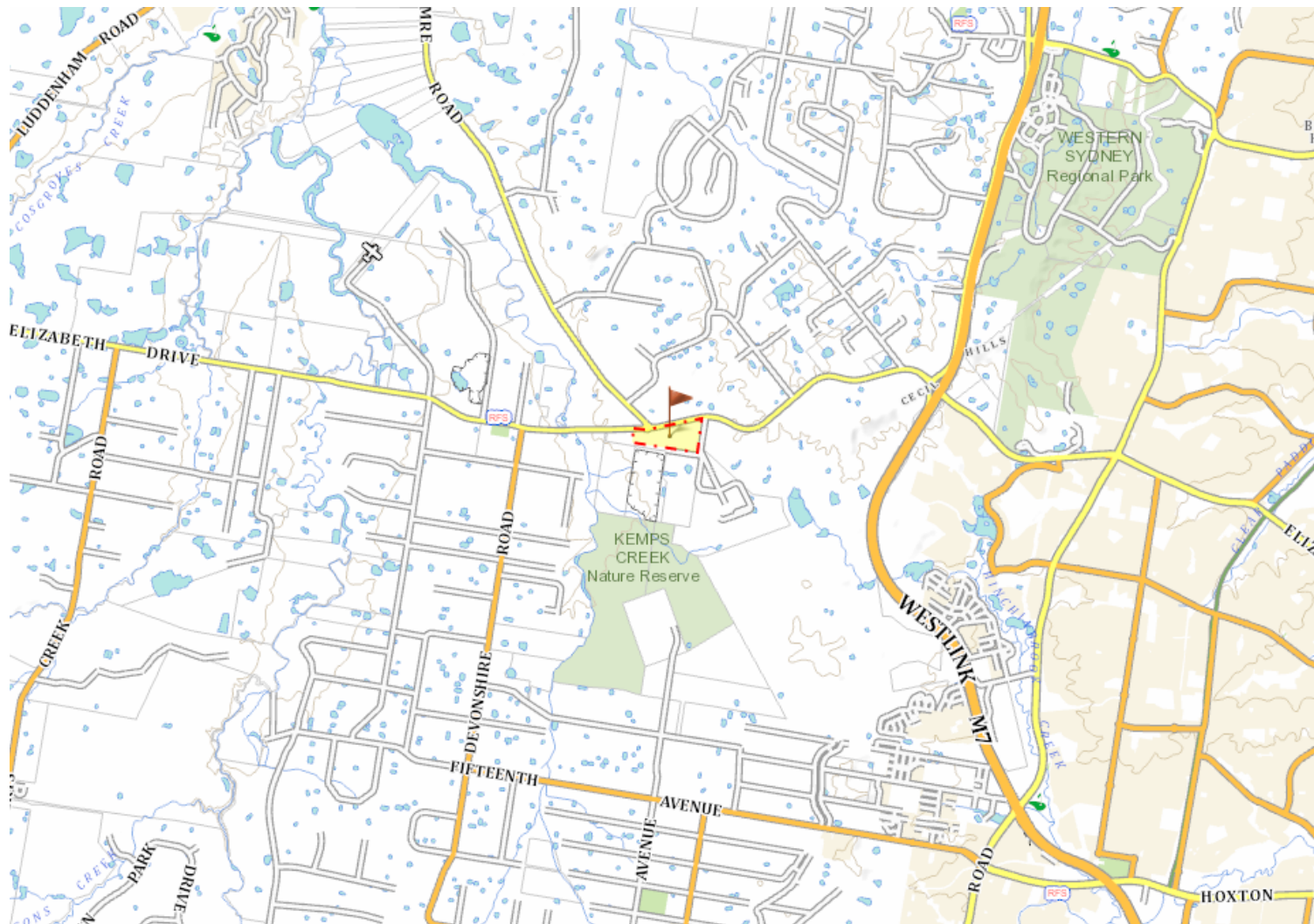
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FIGURES



Figure 1 – Site Location



Not to Scale



Key



Site Location

Source: SIX Maps (maps.six.nsw.gov.au)

Your On-Site Geotechnical Specialists
Phone Us Today - 02 9675 1777

Client: KWC Capital Partners Pty Ltd
Project: 1400 – 1480 Elizabeth Drive, Cecil Park, NSW
Location: 1400 – 1480 Elizabeth Drive, Cecil Park, NSW

Job Number: 2255
Report Number: 2255-ER-1-1
Report Date: 14/03/2016



Figure 2 – Site Features



Not to Scale



Key



Site Boundary

Source: SIX Maps (maps.six.nsw.gov.au)

Your On-Site Geotechnical Specialists
Phone Us Today - 02 9675 1777

Client: KWC Capital Partners Pty Ltd
Project: 1400 – 1480 Elizabeth Drive, Cecil Park, NSW
Location: 1400 – 1480 Elizabeth Drive, Cecil Park, NSW

Job Number: 2255
Report Number: 2255-ER-1-1
Report Date: 14/03/2016





Figure 3 – Areas of Environmental Concern



Not to Scale



Key

-  Site Boundary
-  Areas of Environmental Concern

Source: SIX Maps (maps.six.nsw.gov.au)

Your On-Site Geotechnical Specialists
Phone Us Today - 02 9675 1777

Client: KWC Capital Partners Pty Ltd
Project: 1400 – 1480 Elizabeth Drive, Cecil Park, NSW
Location: 1400 – 1480 Elizabeth Drive, Cecil Park, NSW

Job Number: 2255
Report Number: 2255-ER-1-1
Report Date: 14/03/2016

APPENDIX A

SITE PHOTOGRAPHS



Photograph 1: The north-eastern corner of the site, looking north.



Photograph 2: Photograph was taken from the eastern site boundary, looking west. The majority of the site was grassed with minor trees and livestock grazing.



Photograph 3: The overhead powerline easement. This photograph was collected from the southern boundary, looking north.



Photograph 4: A minor stockpile of fly-tipped soil in the southern portion of the site, looking north-west.



Photograph 5: A temporary site structure with the quarry in the background, looking south.

APPENDIX B

LAND TITLES INFORMATION (SUPPLIED BY ADVANCED LEGAL SEARCHERS PTY LTD)

ADVANCE LEGAL SEARCHERS PTY LTD

(ACN 47 943 842)
ABN 82 147 943 842

P.O. Box 149
Yagoona NSW 2199

Telephone: +612 9644 1679
Mobile: 0412 169 809
Facsimile: +612 8076 3026
Email: alsearch@optusnet.com.au

08th March, 2016

ALLIANCE GEOTECHNICAL PTY LIMITED
PO Box 1028
ST MARYS NSW 1790

Attention: Stephen Hanna,

**RE: 1400 – 1480 Elizabeth Drive,
Kemps Creek**

Note 1:	Lot 1	DP 1054778	(page 2)
Note 2:	Lot 2	DP 1054778	(page 4)
Note 3:	Lot 3	DP 1054778	(page 6)
Note 4:	Lot 4	DP 1054778	(page 8)
Note 5:	Lot 5	DP 1054778	(page 10)
Note 6:	Lot 6	DP 1054778	(page 12)
Note 7:	Lot 7	DP 1054778	(page 14)
Note 8:	Lot 8	DP 1054778	(page 16)
Note 9:	Lot 9	DP1054778	(page 18)

Note 1:

Current Search

Folio Identifier 1/1054778 (title attached)

DP 1054778 (plan attached)

Dated 03rd March, 2016

Registered Proprietor:

WESTERN SYDNEY TOWN CENTRE PTY LIMITED

Title Tree

Lot 1 DP 1054778

Folio Identifier 1/1054778

Folio Identifier 3/229646

Certificate of Title Volume 10482 Folio 27

Certificate of Title Volume 1192 Folio 150

Summary of proprietor(s) Lot 1 DP 1054778

Year	Proprietor
	(Lot 1 DP 1054778)
2016 – todate	Western Sydney Town Centre Pty Limited
2015 – 2016	Rosa Carbone, wife of greengrocer Francesco Carbone, greengrocer Santa Carbone, wife
2004 – 2015	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lot 3 DP 229646)
1988 – 2004	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lots 3 DP 229646 – CTVol 10482 Fol 27)
1968 – 1988	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
1967 – 1968	Radivoj Stoikovick, company director
1967 – 1967	Alexander William Groth, farmer
	(Part Portion 72 Parish Melville – Area 60 Acres 1 Rood 15 Perches – CTVol 1192 Fol 150)
1940 – 1967	Alexander William Groth, farmer
1935 – 1940	Frederick Raymond Collins, laborer Dinah Jane Collins, wife
1930 – 1935	Timothy Seery, farmer
1929 – 1930	John Redshaw, gentleman Florence Isabella Parker, wife of clerk
1896 – 1929	Henry William Watts, orchardist

Note 2:

Current Search

Folio Identifier 2/1054778 (title attached)

DP 1054778 (plan attached)

Dated 03rd March, 2016

Registered Proprietor:

WESTERN SYDNEY TOWN CENTRE PTY LIMITED

Title Tree

Lot 2 DP 1054778

Folio Identifier 2/1054778

Folio Identifier 3/229646

Certificate of Title Volume 10482 Folio 27

Certificate of Title Volume 1192 Folio 150

Summary of proprietor(s) Lot 2 DP 1054778

Year	Proprietor
	(Lot 2 DP 1054778)
2016 – todate	Western Sydney Town Centre Pty Limited
2015 – 2016	Rosa Carbone, wife of greengrocer Francesco Carbone, greengrocer Santa Carbone, wife
2004 – 2015	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lot 3 DP 229646)
1988 – 2004	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lots 3 DP 229646 – CTVol 10482 Fol 27)
1968 – 1988	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
1967 – 1968	Radijov Stoikovick, company director
1967 – 1967	Alexander William Groth, farmer
	(Part Portion 72 Parish Melville – Area 60 Acres 1 Rood 15 Perches – CTVol 1192 Fol 150)
1940 – 1967	Alexander William Groth, farmer
1935 – 1940	Frederick Raymond Collins, laborer Dinah Jane Collins, wife
1930 – 1935	Timothy Seery, farmer
1929 – 1930	John Redshaw, gentleman Florence Isabella Parker, wife of William Parker, clerk
1896 – 1929	Henry William Watts, orchardist

Note 3:

Current Search

Folio Identifier 3/1054778 (title attached)

DP 1054778 (plan attached)

Dated 03rd March, 2016

Registered Proprietor:

WESTERN SYDNEY TOWN CENTRE PTY LIMITED

Title Tree

Lot 3 DP 1054778

Folio Identifier 3/1054778

Folio Identifier 3/229646

Certificate of Title Volume 10482 Folio 27

Certificate of Title Volume 1192 Folio 150

Summary of proprietor(s) Lot 3 DP 1054778

Year	Proprietor
	(Lot 3 DP 1054778)
2016 – todate	Western Sydney Town Centre Pty Limited
2015 – 2016	Rosa Carbone, wife of greengrocer Francesco Carbone, greengrocer Santa Carbone, wife
2004 – 2015	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lot 3 DP 229646)
1988 – 2004	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lots 3 DP 229646 – CTVol 10482 Fol 27)
1968 – 1988	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
1967 – 1968	Radijov Stoikovick, company director
1967 – 1967	Alexander William Groth, farmer
	(Part Portion 72 Parish Melville – Area 60 Acres 1 Rood 15 Perches – CTVol 1192 Fol 150)
1940 – 1967	Alexander William Groth, farmer
1935 – 1940	Frederick Raymond Collins, laborer Dinah Jane Collins, wife
1930 – 1935	Timothy Seery, farmer
1929 – 1930	John Redshaw, gentleman Florence Isabella Parker, wife of William Parker, clerk
1896 – 1929	Henry William Watts, orchardist

Note 4:

Current Search

Folio Identifier 4/1054778 (title attached)

DP 1054778 (plan attached)

Dated 03rd March, 2016

Registered Proprietor:

WESTERN SYDNEY TOWN CENTRE PTY LIMITED

Title Tree

Lot 4 DP 1054778

Folio Identifier 4/1054778

Folio Identifier 3/229646

Certificate of Title Volume 10482 Folio 27

Certificate of Title Volume 1192 Folio 150

Summary of proprietor(s) Lot 4 DP 1054778

Year	Proprietor
	(Lot 4 DP 1054778)
2016 – todate	Western Sydney Town Centre Pty Limited
2015 – 2016	Rosa Carbone, wife of greengrocer Francesco Carbone, greengrocer Santa Carbone, wife
2004 – 2015	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lot 3 DP 229646)
1988 – 2004	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lots 3 DP 229646 – CTVol 10482 Fol 27)
1968 – 1988	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
1967 – 1968	Radijov Stoikovick, company director
1967 – 1967	Alexander William Groth, farmer
	(Part Portion 72 Parish Melville – Area 60 Acres 1 Rood 15 Perches – CTVol 1192 Fol 150)
1940 – 1967	Alexander William Groth, farmer
1935 – 1940	Frederick Raymond Collins, laborer Dinah Jane Collins, wife
1930 – 1935	Timothy Seery, farmer
1929 – 1930	John Redshaw, gentleman Florence Isabella Parker, wife of William Parker, clerk
1896 – 1929	Henry William Watts, orchardist

Note 5:

Current Search

Folio Identifier 5/1054778 (title attached)

DP 1054778 (plan attached)

Dated 03rd March, 2016

Registered Proprietor:

WESTERN SYDNEY TOWN CENTRE PTY LIMITED

Title Tree

Lot 5 DP 1054778

Folio Identifier 5/1054778

Folio Identifier 3/229646

Certificate of Title Volume 10482 Folio 27

Certificate of Title Volume 1192 Folio 150

Summary of proprietor(s)
Lot 5 DP 1054778

Year	Proprietor
	(Lot 5 DP 1054778)
2016 – todate	Western Sydney Town Centre Pty Limited
2005 – 2016	John Andriano Mimmie Andriano
2004 – 2005	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lot 3 DP 229646)
1988 – 2004	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lots 3 DP 229646 – CTVol 10482 Fol 27)
1968 – 1988	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
1967 – 1968	Radijov Stoikovick, company director
1967 – 1967	Alexander William Groth, farmer
	(Part Portion 72 Parish Melville – Area 60 Acres 1 Rood 15 Perches – CTVol 1192 Fol 150)
1940 – 1967	Alexander William Groth, farmer
1935 – 1940	Frederick Raymond Collins, laborer Dinah Jane Collins, wife
1930 – 1935	Timothy Seery, farmer
1929 – 1930	John Redshaw, gentleman Florence Isabella Parker, wife of William Parker, clerk
1896 – 1929	Henry William Watts, orchardist

Note 6:

Current Search

Folio Identifier 6/1054778 (title attached)

DP 1054778 (plan attached)

Dated 03rd March, 2016

Registered Proprietor:

WESTERN SYDNEY TOWN CENTRE PTY LIMITED

Title Tree
Lot 6 DP 1054778

Folio Identifier 6/1054778

Folio Identifier 3/229646

Certificate of Title Volume 10482 Folio 27

Certificate of Title Volume 1192 Folio 150

Summary of proprietor(s) Lot 6 DP 1054778

Year	Proprietor
	(Lot 6 DP 1054778)
2016 – todote	Western Sydney Town Centre Pty Limited
2015 – 2016	Rosa Carbone, wife of greengrocer Francesco Carbone, greengrocer Santa Carbone, wife
2004 – 2015	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lot 3 DP 229646)
1988 – 2004	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lots 3 DP 229646 – CTVol 10482 Fol 27)
1968 – 1988	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
1967 – 1968	Radijov Stoikovick, company director
1967 – 1967	Alexander William Groth, farmer
	(Part Portion 72 Parish Melville – Area 60 Acres 1 Rood 15 Perches – CTVol 1192 Fol 150)
1940 – 1967	Alexander William Groth, farmer
1935 – 1940	Frederick Raymond Collins, laborer Dinah Jane Collins, wife
1930 – 1935	Timothy Seery, farmer
1929 – 1930	John Redshaw, gentleman Florence Isabella Parker, wife of William Parker, clerk
1896 – 1929	Henry William Watts, orchardist

Note 7:

Current Search

Folio Identifier 7/1054778 (title attached)

DP 1054778 (plan attached)

Dated 03rd March, 2016

Registered Proprietor:

WESTERN SYDNEY TOWN CENTRE PTY LIMITED

Title Tree

Lot 7 DP 1054778

Folio Identifier 7/1054778

Folio Identifier 3/229646

Certificate of Title Volume 10482 Folio 27

Certificate of Title Volume 1192 Folio 150

Summary of proprietor(s)
Lot 7 DP 1054778

Year	Proprietor
	(Lot 7 DP 1054778)
2016 – todate	Western Sydney Town Centre Pty Limited
2015 – 2016	Rosa Carbone, wife of greengrocer Francesco Carbone, greengrocer Santa Carbone, wife
2004 – 2015	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lot 3 DP 229646)
1988 – 2004	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lots 3 DP 229646 – CTVol 10482 Fol 27)
1968 – 1988	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
1967 – 1968	Radijov Stoikovick, company director
1967 – 1967	Alexander William Groth, farmer
	(Part Portion 72 Parish Melville – Area 60 Acres 1 Rood 15 Perches – CTVol 1192 Fol 150)
1940 – 1967	Alexander William Groth, farmer
1935 – 1940	Frederick Raymond Collins, laborer Dinah Jane Collins, wife
1930 – 1935	Timothy Seery, farmer
1929 – 1930	John Redshaw, gentleman Florence Isabella Parker, wife of William Parker, clerk
1896 – 1929	Henry William Watts, orchardist

Note 8:

Current Search

Folio Identifier 8/1054778 (title attached)

DP 1054778 (plan attached)

Dated 03rd March, 2016

Registered Proprietor:

WESTERN SYDNEY TOWN CENTRE PTY LIMITED

Title Tree

Lot 8 DP 1054778

Folio Identifier 8/1054778

Folio Identifier 3/229646

Certificate of Title Volume 10482 Folio 27

Certificate of Title Volume 1192 Folio 150

Summary of proprietor(s) Lot 8 DP 1054778

Year	Proprietor
	(Lot 8 DP 1054778)
2016 – todate	Western Sydney Town Centre Pty Limited
2015 – 2016	Rosa Carbone, wife of greengrocer Francesco Carbone, greengrocer Santa Carbone, wife
2004 – 2015	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lot 3 DP 229646)
1988 – 2004	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lots 3 DP 229646 – CTVol 10482 Fol 27)
1968 – 1988	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
1967 – 1968	Radijov Stoikovick, company director
1967 – 1967	Alexander William Groth, farmer
	(Part Portion 72 Parish Melville – Area 60 Acres 1 Rood 15 Perches – CTVol 1192 Fol 150)
1940 – 1967	Alexander William Groth, farmer
1935 – 1940	Frederick Raymond Collins, laborer Dinah Jane Collins, wife
1930 – 1935	Timothy Seery, farmer
1929 – 1930	John Redshaw, gentleman Florence Isabella Parker, wife of William Parker, clerk
1896 – 1929	Henry William Watts, orchardist

Note 9:

Current Search

Folio Identifier 9/1054778 (title attached)

DP 1054778 (plan attached)

Dated 03rd March, 2016

Registered Proprietor:

WESTERN SYDNEY TOWN CENTRE PTY LIMITED

Title Tree

Lot 9 DP 1054778

Folio Identifier 9/1054778

Folio Identifier 3/229646

Certificate of Title Volume 10482 Folio 27

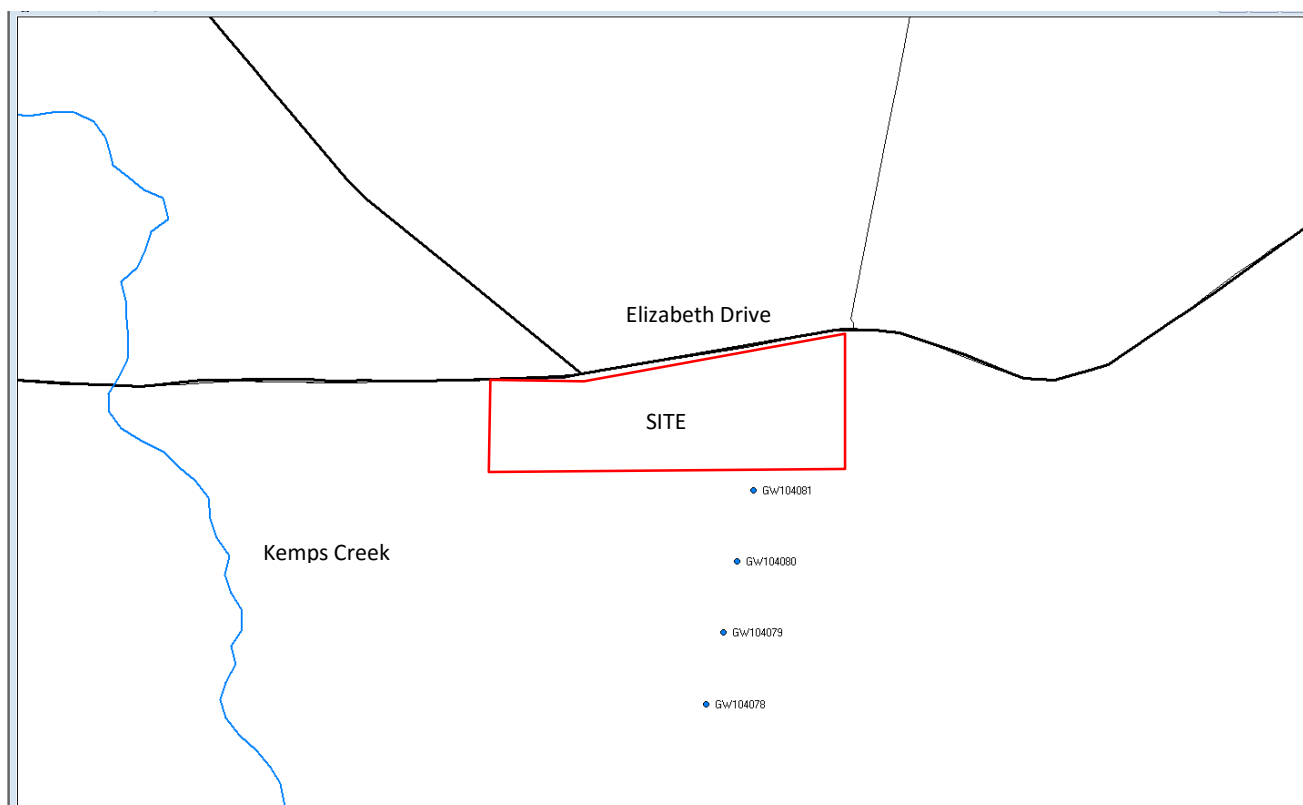
Certificate of Title Volume 1192 Folio 150

Summary of proprietor(s)
Lot 9 DP 1054778

Year	Proprietor
	(Lot 9 DP 1054778)
2016 – todate	Western Sydney Town Centre Pty Limited
2015 – 2016	Rosa Carbone, wife of greengrocer Francesco Carbone, greengrocer Santa Carbone, wife
2004 – 2015	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lot 3 DP 229646)
1988 – 2004	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
	(Lots 3 DP 229646 – CTVol 10482 Fol 27)
1968 – 1988	Guiseppe Carbone, greengrocer Rosa Carbone, wife Francesco Carbone, greengrocer Santa Carbone, wife
1967 – 1968	Radijov Stoikovick, company director
1967 – 1967	Alexander William Groth, farmer
	(Part Portion 72 Parish Melville – Area 60 Acres 1 Rood 15 Perches – CTVol 1192 Fol 150)
1940 – 1967	Alexander William Groth, farmer
1935 – 1940	Frederick Raymond Collins, laborer Dinah Jane Collins, wife
1930 – 1935	Timothy Seery, farmer
1929 – 1930	John Redshaw, gentleman Florence Isabella Parker, wife of William Parker, clerk
1896 – 1929	Henry William Watts, orchardist

APPENDIX C

REGISTERED GROUNDWATER BORES WITHIN 1.5 KM OF THE SITE



NSW Office of Water

Work Summary

GW104081

Licence: 10BL160288

Licence Status: ACTIVE

Authorised Purpose(s):
Intended Purpose(s): V1

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

Commenced Date:
Completion Date: 06/10/2001

Final Depth: 30.00 m
Drilled Depth: 30.00 m

Contractor Name:
Driller:
Assistant Driller:

Property: N/A
GWMA:
GW Zone:

Standing Water Level:
Salinity:
Yield:

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: CUMBERLA

Parish
CUMBE.009
CABRAMAT

Cadastre
LT 1 DP 621659
Whole Lot 1/621659

Region: 10 - Sydney South Coast
River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone: ?

Scale:

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

Northing: 6248607.0
Easting: 297710.0

Latitude: 33°53'00.6"S
Longitude: 150°48'45.6"E

GS Map: -

MGA Zone: 56

Coordinate Source:

Construction

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

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Annulus	Waterworn/Rounded	1.00	30.00				Graded, Q:160.000m3
1	1	Casing	P.V.C.	-0.10	18.00	60	50		seated on bo, Screwed
1	1	Casing	P.V.C.	0.00	5.00	114	104		seated on bo
1	1	Opening	Screen	18.00	30.00	60		1	PVC Class 18, Screwed, A: 0.50mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
----------	--------	---------------	----------	------------	------------	-------------	----------------	---------------	-----------------

Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	4.00	4.00	BROWN CLAY	Clay	
4.00	5.00	1.00	WHEATERED SHALE	Shale	
5.00	30.00	25.00	SHALE	Shale	

Remarks

06/10/2001: Form A Remarks:
GRAVEL PACK: 160 LITRES

*** End of GW104081 ***

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

NSW Office of Water

Work Summary

GW104080

Licence: 10BL160288

Licence Status: ACTIVE

Authorised Purpose(s):
Intended Purpose(s): V1

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

Commenced Date:
Completion Date: 05/10/2001

Final Depth: 30.00 m
Drilled Depth: 30.00 m

Contractor Name:
Driller:
Assistant Driller:

Property: N/A
GWMA:
GW Zone:

Standing Water Level:
Salinity:
Yield:

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: CUMBERLA

Parish
CUMBE.009
CABRAMAT

Cadastre
LT 1 DP 621659
Whole Lot 1//621659

Region: 10 - Sydney South Coast
River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone: ?

Scale:

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

Northing: 6248408.0
Easting: 297677.0

Latitude: 33°53'07.1"S
Longitude: 150°48'44.1"E

GS Map: -

MGA Zone: 56

Coordinate Source:

Construction

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

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Annulus	Waterworn/Rounded	1.00	30.00				Graded, Q:160.000m3
1	1	Casing	P.V.C.	-0.10	18.00	60	50		seated on bo, Screwed
1	1	Casing	P.V.C.	0.00	7.00	114	104		seated on bo
1	1	Opening	Screen	18.00	30.00	60		1	PVC Class 18, Screwed, A: 0.50mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
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Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.00	6.00	BROWN CLAY	Clay	
6.00	7.00	1.00	WHEATERED SHALE	Shale	
7.00	30.00	23.00	SHALE	Shale	

Remarks

*** End of GW104080 ***

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

NSW Office of Water

Work Summary

GW104079

Licence: 10BL160288

Licence Status: ACTIVE

Authorised Purpose(s):
Intended Purpose(s): V1

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

Commenced Date:
Completion Date: 04/10/2001

Final Depth: 30.00 m
Drilled Depth: 30.00 m

Contractor Name:
Driller:
Assistant Driller:

Property: N/A
GWMA:
GW Zone:

Standing Water Level:
Salinity:
Yield:

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: CUMBERLA

Parish
CUMBE.009
CABRAMAT

Cadastre
LT 1 DP 621659
Whole Lot 1//621659

Region: 10 - Sydney South Coast
River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone: ?

Scale:

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

Northing: 6248210.0
Easting: 297649.0

Latitude: 33°53'13.5"S
Longitude: 150°48'42.9"E

GS Map: -

MGA Zone: 56

Coordinate Source:

Construction

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

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Annulus	Waterworn/Rounded	1.00	30.00				Graded, Q:160.000m3
1	1	Casing	P.V.C.	-0.10	18.00	60	50		seated on bo, Screwed
1	1	Casing	P.V.C.	0.00	5.00	114	104		seated on bo
1	1	Opening	Screen	18.00	30.00	60		1	PVC Class 18, Screwed, A: 0.50mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
----------	--------	---------------	----------	------------	------------	-------------	----------------	---------------	-----------------

Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	4.00	4.00	BROWN CLAY	Clay	
4.00	5.00	1.00	WHEATERED SHALE	Shale	
5.00	30.00	25.00	SHALE	Shale	

Remarks

*** End of GW104079 ***

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

NSW Office of Water

Work Summary

GW104078

Licence: 10BL160288

Licence Status: ACTIVE

Authorised Purpose(s):
Intended Purpose(s): V1

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

Commenced Date:
Completion Date: 03/10/2001

Final Depth: 30.00 m
Drilled Depth: 30.00 m

Contractor Name:
Driller:
Assistant Driller:

Property: N/A
GWMA:
GW Zone:

Standing Water Level:
Salinity:
Yield:

Site Details

Site Chosen By:

County
Form A: CUMBE
Licensed: CUMBERLA

Parish
CUMBE.009
CABRAMAT

Cadastre
LT 1 DP 621659
Whole Lot 1//621659

Region: 10 - Sydney South Coast
River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone: ?

Scale:

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

Northing: 6248011.0
Easting: 297614.0

Latitude: 33°53'19.9"S
Longitude: 150°48'41.3"E

GS Map: -

MGA Zone: 56

Coordinate Source:

Construction

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

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Annulus	Waterworn/Rounded	1.00	30.00				Graded, Q:160.000m3
1	1	Casing	P.V.C.	-0.10	18.00	60	50		seated on bo, Screwed
1	1	Casing	P.V.C.	0.00	5.00	114	104		seated on bo
1	1	Opening	Screen	18.00	30.00	60		1	PVC Class 18, Screwed, A: 0.50mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
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Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	4.00	4.00	BROWN CLAY	Clay	
4.00	5.00	1.00	WEATHERED SHALE	Shale	
5.00	30.00	25.00	SHALE	Shale	

Remarks

*** End of GW104078 ***

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

APPENDIX D

NSW EPA SEARCH RESULTS

List of NSW Contaminated Sites under Section 60 of the CLM Act 1997

Search Suburb: Cecil Park

CASULA	Caltex Service Station 646 Hume HIGHWAY	Service Station	Under assessment
CATHERINE HILL BAY	Catherine Hill Bay Coal Handling and Preparation Plant 1A Keene STREET	Other Industry	Regulation under CLM Act not required
CESSNOCK	Former Mobil Service Station 102 Wollombi ROAD	Service Station	Under assessment

Search Suburb: Kemps Creek

KEMBLAWARRA	Griffins Bay, Lake Illawarra Shellharbour ROAD	Landfill	Regulation under CLM Act not required
KEMPS CREEK	Caltex Service Station 1163 Mamre ROAD	Service Station	Under assessment
KEMPSEY	Former Mobil Service Station 108-112 Smith STREET	Service Station	Under assessment

Record of Notices under Section 58 of the CLM Act 1997

Search Suburb: Cecil Park

Search results

Your search for: Suburb: CECIL PARK

did not find any records in our database.

Search Suburb: Kemps Creek

Search results

Your search for: Suburb: KEMPS CREEK

did not find any records in our database.

Search of the POEO Public Register

Search Suburb: Cecil Park

Search results

Your search for: **General Search** with the following criteria

Suburb - CECIL PARK

returned 16 results

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Number	Name	Location	Type	Status	Issued date
1027	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	POEO licence	Issued	13 May 2000
1015078	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	26 Jun 2002
1034917	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	23 Sep 2004
1045659	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	21 Mar 2005
1057741	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	16 May 2006
1067750	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	18 Jan 2007
1072215	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	31 Aug 2007
1079900	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	15 Nov 2007
1104808	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	25 Sep 2009
1106782	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	07 Oct 2009
1513231	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	10 Apr 2013
1517638	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	21 Oct 2013
1522811	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	19 Jun 2014
1522946	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	20 Jun 2014
1523503	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	30 Jul 2014
1532061	BORAL CSR BRICKS PTY LIMITED	LOT 7 CECIL ROAD, CECIL PARK, NSW 2178	s.58 Licence Variation	Issued	15 Jul 2015

11 March 2016

Search Suburb: Kemps Creek

Your search for: **General Search** with the following criteria

Suburb - KEMPS CREEK

returned 105 results

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Number	Name	Location	Type	Status	Issued date
5186	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	POEO licence	Issued	21 Dec 2000
1024201	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	08 Oct 2003
1032508	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	18 Nov 2003
1043715	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	02 Jun 2005
1049104	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	12 Jul 2005
1050663	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	12 Aug 2005
1051516	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	02 Sep 2005
1053429	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	01 Dec 2005
12618	BRANDOWN PTY. LIMITED	Elizabeth Drive, KEMPS CREEK, NSW 2171	POEO licence	Issued	28 Feb 2007
1063385	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	28 Feb 2007
1071515	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	12 Sep 2007
1080254	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	16 Nov 2007
1080705	BRANDOWN PTY. LIMITED	Elizabeth Drive, KEMPS CREEK, NSW 2171	s.58 Licence Variation	Issued	25 Feb 2008
1080704	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	12 Sep 2008
1093240	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	31 Oct 2008
1093310	BRANDOWN PTY. LIMITED	Elizabeth Drive, KEMPS CREEK, NSW 2171	s.58 Licence Variation	Issued	31 Oct 2008
1112532	BRANDOWN PTY. LIMITED	Elizabeth Drive, KEMPS CREEK, NSW 2171	s.58 Licence Variation	Issued	19 Mar 2010
1114014	BRANDOWN PTY. LIMITED	Elizabeth Drive, KEMPS CREEK, NSW 2171	s.58 Licence Variation	Issued	11 May 2010
1115874	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	28 Jun 2010
1114287	BRANDOWN PTY. LIMITED	Elizabeth Drive, KEMPS CREEK, NSW 2171	s.58 Licence Variation	Issued	14 Jul 2010

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14 March 2016

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Suburb - KEMPS CREEK

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Number	Name	Location	Type	Status	Issued date
1118444	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	03 Dec 2010
3085764523	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	Penalty Notice	Issued	09 Jul 2012
1518646	BRANDOWN PTY. LIMITED	LOT 90 ELIZABETH DRIVE , KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	16 Apr 2014
1532443	BRANDOWN PTY. LIMITED	Elizabeth Drive, KEMPS CREEK, NSW 2171	s.58 Licence Variation	Pending	15 Jul 2015
11736	DREAM PROPERTIES PTY LTD	50 VICTOR AVENUE, KEMPS CREEK, NSW 2171	POEO licence	Revoked	28 Jan 2003
1042914	DREAM PROPERTIES PTY LTD	50 VICTOR AVENUE, KEMPS CREEK, NSW 2171	s.79 Revocation of Issued a Licence		08 Dec 2004
20593	HI-QUALITY QUARRY (NSW) PTY LTD	1503-1519 Elizabeth Drive, KEMPS CREEK, NSW 2178	POEO licence	Pending	
4581	KARI & GHOSAYN PTY LTD (C/- STEVEN NICOLS - LIQUIDATOR)	CLIFTON AVE, KEMPS CREEK, NSW 2171	POEO licence	Revoked	27 Jun 2000
1015001	KARI & GHOSAYN PTY LTD (C/- STEVEN NICOLS - LIQUIDATOR)	CLIFTON AVE, KEMPS CREEK, NSW 2171	s.58 Licence Variation	Issued	14 Feb 2002
1028286	KARI & GHOSAYN PTY LTD (C/- STEVEN NICOLS - LIQUIDATOR)	CLIFTON AVE, KEMPS CREEK, NSW 2171	s.58 Licence Variation	Issued	25 Jun 2003
1040662	KARI & GHOSAYN PTY LTD (C/- STEVEN NICOLS - LIQUIDATOR)	CLIFTON AVE, KEMPS CREEK, NSW 2171	s.58 Licence Variation	Issued	15 Oct 2004
1051514	KARI & GHOSAYN PTY LTD (C/- STEVEN NICOLS - LIQUIDATOR)	CLIFTON AVE, KEMPS CREEK, NSW 2171	s.91 Clean Up Notice	Issued	19 Sep 2005
1055457	KARI & GHOSAYN PTY LTD (C/- STEVEN NICOLS - LIQUIDATOR)	CLIFTON AVE, KEMPS CREEK, NSW 2171	s.58 Licence Variation	Issued	17 May 2006
1063855	KARI & GHOSAYN PTY LTD (C/- STEVEN NICOLS - LIQUIDATOR)	CLIFTON AVE, KEMPS CREEK, NSW 2171	s.58 Licence Variation	Issued	15 Sep 2006
1065320	KARI & GHOSAYN PTY LTD (C/- STEVEN NICOLS - LIQUIDATOR)	CLIFTON AVE, KEMPS CREEK, NSW 2171	s.58 Licence Variation	Issued	06 Nov 2006
1067405	KARI & GHOSAYN PTY LTD (C/- STEVEN NICOLS - LIQUIDATOR)	CLIFTON AVE, KEMPS CREEK, NSW 2171	s.58 Licence Variation	Issued	06 Dec 2006
1069425	KARI & GHOSAYN PTY LTD (C/- STEVEN NICOLS - LIQUIDATOR)	CLIFTON AVE, KEMPS CREEK, NSW 2171	s.79 Suspension of Issued a Licence		15 Feb 2007
1089317	KARI & GHOSAYN PTY LTD (C/- STEVEN NICOLS - LIQUIDATOR)	CLIFTON AVE, KEMPS CREEK, NSW 2171	s.79 Revocation of Issued a Licence		10 Jul 2008
7219	NOVARTIS ANIMAL HEALTH AUSTRALASIA PTY. LIMITED	245 WESTERN ROAD, KEMPS CREEK, NSW 2171	POEO licence	No longer in force	26 Jun 2000
1048306	NOVARTIS ANIMAL HEALTH AUSTRALASIA PTY. LIMITED	245 WESTERN ROAD, KEMPS CREEK, NSW 2171	s.58 Licence Variation	Issued	30 May 2005

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14 March 2016

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Suburb - KEMPS CREEK

returned 105 results

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Number	Name	Location	Type	Status	Issued date
4068	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	POEO licence	Issued	13 Sep 2001
1012274	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	22 Nov 2001
1025236	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.91 Clean Up Notice	Issued	24 Feb 2003
1027794	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	02 Jun 2003
1043730	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.110 Variation of Clean Up Notice	Issued	14 Jan 2005
1052725	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	24 Jan 2006
1061021	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	12 Sep 2006
1065278	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	25 Oct 2006
1073171	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	21 Sep 2007
12889	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	POEO licence	Issued	29 Jul 2008
1083456	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	13 Jan 2009
1098074	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	27 Feb 2009
1099620	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	08 May 2009
1099619	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	08 May 2009
1104883	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	15 Sep 2009
1114444	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	28 May 2010
1114442	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	09 Jun 2010
1118752	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	25 Aug 2010
1120688	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	21 Oct 2010
1122735	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	21 Dec 2010

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Your search for: **General Search** with the following criteria

Suburb - KEMPS CREEK

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Number	Name	Location	Type	Status	Issued date
1123246	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	24 Dec 2010
3085764890	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	Penalty Notice	Issued	27 Jul 2012
1506913	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	27 Aug 2012
1511557	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	04 Feb 2013
1511861	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	Compliance Audit	Complete	08 Feb 2013
3085769950	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	Penalty Notice	Issued	09 Apr 2013
3085771765	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	Penalty Notice	Issued	15 Jul 2013
1512996	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	20 Nov 2013
3085773580	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	Penalty Notice	Issued	11 Apr 2014
1501920	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	17 Apr 2014
1524790	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	11 Sep 2014
1525953	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	28 Nov 2014
1525173	SUEZ RECYCLING & RECOVERY PTY LTD	1725 ELIZABETH DRIVE, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	11 Dec 2014
1529767	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	14 Aug 2015
1533348	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	07 Sep 2015
1534998	SUEZ RECYCLING & RECOVERY PTY LTD	1725 Elizabeth Drive, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	20 Nov 2015
12901	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	POEO licence	Issued	29 Jul 2008
1090935	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	06 Aug 2008
1096728	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	19 Jan 2009
1097147	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	30 Jan 2009

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14 March 2016

Your search for: **General Search** with the following criteria

Suburb - KEMPS CREEK

returned 105 results

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Number	Name	Location	Type	Status	Issued date
1098859	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	19 Mar 2009
1100214	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	25 May 2009
1102083	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	26 Jun 2009
1103753	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	29 Jul 2009
1104542	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	31 Jul 2009
1110533	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	08 Jan 2010
1119663	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	19 Oct 2010
1122581	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	16 Dec 2010
1122702	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.91 Clean Up Notice	Issued	17 Dec 2010
1123904	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	10 Feb 2011
1125057	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	15 Mar 2011
1127795	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	06 May 2011
1500848	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	02 Sep 2011
1503186	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	23 Dec 2011
3085765403	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	Penalty Notice	Issued	30 Aug 2012
1506536	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	31 Aug 2012
1509665	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	07 Nov 2012
1510983	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	21 Dec 2012
3085769592	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	Penalty Notice	Issued	15 Mar 2013
3085772425	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	Penalty Notice	Issued	23 Oct 2013

[123456](#)

14 March 2016

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6 of 6 Pages

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Number	Name	Location	Type	Status	Issued date
1517820	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	03 Apr 2014
1521541	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	07 May 2014
1527700	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	30 Apr 2015
1534566	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	s.58 Licence Variation	Issued	18 Dec 2015
3085778365	SYDNEY RECYCLING PARK PTY LTD	16-23 Clifton Avenue, KEMPS CREEK, NSW 2178	Penalty Notice	Issued	15 Feb 2016

[123456](#)

14 March 2016