



# **Environmental Site Assessment**

APP Corporation Pty Ltd

Interim Sydney International  
Convention, Exhibition and  
Entertainment Precinct, Rozelle,  
NSW

November 2012  
JBS 42394-51848 (Rev 0)  
JBS Environmental Pty Ltd

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## List of Abbreviations

A list of the common abbreviations used throughout this report is provided below.

ACM	Asbestos containing material
AEC	Area of Environmental Concern
AHD	Australian Height Datum
As	Arsenic
ASS	acid sulfate soils
bgs	below ground surface
B(a)P	Benzo(a)pyrene
BTEX	Benzene, toluene, ethylbenzene and xylenes
Cd	Cadmium
COPC	Contaminant Of Potential Concern
Cr	Chromium
Cu	Copper
DA	Development Approval
DCP	Development Control Plan
DGR	Director General's Requirements
EIS	Environmental Impact Statement
EPA	NSW Environment Protection Authority
ESA	Environmental site assessment
ha	Hectare
Hg	Mercury
HIL	Health based investigation level
JBS	JBS Environmental Pty Ltd
Mn	Manganese
Ni	Nickel
OCP	Organochlorine Pesticides
OPP	Organophosphate Pesticides
P&O	P&O Ports Ltd
PAC	Patricks Auto Care
PAHs	Polycyclic aromatic hydrocarbons
Pb	Lead
PCBs	Polychlorinated Biphenyls
SICEEP	Sydney International Conference, Exhibition and Entertainment Precinct
SEPP	State Environmental Planning Policy
SPC	Sydney Port Corporation
SREP	Sydney Regional Environmental Plan
TPH	Total Petroleum Hydrocarbons
VOCs	volatile organic compounds
Zn	Zinc

## Executive Summary

JBS Environmental Pty Ltd (JBS) has been engaged by APP Corporation Pty Ltd (APP) on behalf of Infrastructure NSW to conduct an Environmental Site Assessment (ESA) at the Interim Sydney International Convention, Exhibition and Entertainment Precinct (SICEEP) located off Sommerville Road, Rozelle, NSW (the site). The site includes approximately 5 hectares (ha) of land at Glebe Island (the Glebe Island portion), as well as approximately 1 ha of land west of Glebe Island (the overspill car park portion), as shown on **Figure 1**. The site is legally described as Part Lot 10 DP1065973, and Part Lots 1, 2, 5 and 6 DP1063454.

APP has been appointed by Infrastructure NSW to deliver the Interim SICEEP facility, which includes exhibition halls, expansion and other associated areas, a new private ferry terminal, SICEEP enter/exit and ports operation roads, and an overspill car park. It is understood that the project construction approach to the building works and any site services will be to avoid any disturbance to the existing ground level.

The objective of the ESA is to assess the potential for contamination based on current and historical site activities and to assess whether the site is, or can be made, suitable for the proposed use.

The scope of work comprised:

- Review of topography, geology and hydrogeology of the site and surrounding areas;
- Review of available Council documentation, aerial photos, legal title information, EPA records and Heritage records to identify areas of environmental concern and associated contaminants of potential concern (COPCs); and
- Preparation of an ESA report.

The Glebe Island portion occupies an irregular shaped parcel of land within the northeastern extent of Glebe Island Container Terminal precinct. The ground surface within the Glebe Island portion is entirely sealed by concrete and bituminous pavement. The pavement surfaces were noted to be level and in generally reasonable condition with only minor staining and cracks associated with the installation of utilities.

The Overspill Car Park portion occupies a generally rectangular shaped parcel of land within the western extent of Glebe Island Container Terminal precinct. The ground surface within the Overspill Car Park portion appeared to be sealed with bituminous pavement and/or compacted gravel.

With the exception of electrical substations, water pumping stations and existing lights, the Glebe Island portion is predominantly vacant. The land immediately east of the Glebe Island portion is still used by salt ships. The Overspill car park portion is currently vacant.

The Glebe Island portion has been used for industrial purposes since the 1830s, including abattoirs, shipping related activities as well as being subject to quarrying and land reclamation activities. The overspill car park portion was used as a coal handling facility from World War II until the 1980s. The overspill car park portion is located adjacent to the White Bay Power Station and has been also been subject to historical filling activities.

Based on the results of this investigation, and subject to the limitations outlined in **Section 6**, it is concluded that there is potential for subsurface contamination to be present resulting from historical site reclamation/filling and previous site activities. Given

the proposed use of the site for temporary commercial structures which do not require subsurface works during the development, the potential for human health risks from potential subsurface contamination would be largely mitigated under the ongoing commercial/industrial landuse assuming the existing hardstand is to be maintained.

Should disturbance of existing hardstand or other pavements be required during the development of the temporary structures, e.g. for service trenches or building support, additional investigations will need to be undertaken to ensure potential subsurface contamination is appropriately characterised and managed.

It is recommended a site management plan be prepared for implementation during development of the temporary facilities that documents the potential for contamination and acid sulfate soils beneath the subsurface and appropriate actions required prior to and during any subsurface works that require disturbance of the existing hardstand or other permanent pavement.

# 1 Introduction

## 1.1 Background

JBS Environmental Pty Ltd (JBS) was engaged by APP Corporation Pty Ltd (APP) to conduct an Environmental Site Assessment (ESA) at the Interim Sydney International Convention, Exhibition and Entertainment Precinct (SICEEP) located off Sommerville Road, Rozelle, NSW (the site). The site includes approximately 5 hectares (ha) of land at Glebe Island (the Glebe Island portion), as well as approximately 1 ha of land west of Glebe Island (the overspill car park portion), as shown on **Figure 1**. The site is legally described as Part Lot 10 DP1065973, and Part Lots 1, 2, 5 and 6 DP1063454.

APP has been appointed by Infrastructure NSW to deliver the Interim SICEEP facility, which includes exhibition halls, expansion and other associated areas, a new ferry terminal, SICEEP entry/exit and ports operation roads, and an overspill car park. It is understood that the project construction approach to the building works and any site services will be to avoid any disturbance to the existing ground level.

It is noted that the revised plans of SICEEP facility include White Bay Wharves 4 & 5. These have not been included in this investigation which was conducted prior to the SICEEP plan revision.

## 1.2 Objective

The overarching objective is to satisfy the requirements of an Environmental Impact Statement (EIS)/Development Application (DA) submission that would form part of the response to a typical Director General's Requirements (DGR) request.

The objective of the ESA is to assess the potential for contamination based on current and historical site activities and to assess whether the site is, or can be made, suitable for the proposed use.

## 1.3 Scope of Work

The scope of work comprised:

- Review and summary of relevant published geological and hydrogeological data;
- Review of current and historical land title records for Part Lot 10 DP1065973;
- Review of publically available DA/BA records;
- Review of Section 149 planning certificates for Part Lot 10 in DP 1065973;
- Review of historical aerial photographs;
- Review of heritage records;
- Review of records of environmental incidents or former environmental licences held by the NSW Environmental Protection Authority (EPA);
- A detailed Site inspection to identify potential areas of environmental concern (AECs) and associated contaminants of potential concern (COPCs) not identified in the historical record review;
- Preparation of an ESA report in accordance with guidelines made or approved by the NSW EPA.

## 1.4 Proposed Development

Based on information provided by APP, the proposed Interim SICEEP project will include:

- construction of a new purpose-built interim facility comprising a weather proof modular structure (anticipated to comprise an aluminium frame with stretched fabric and bolted to the existing slab) that will provide exhibition space of approximately 25 000 m<sup>2</sup>, a formal entrance and foyer area as well as registration / reception area, pre-function space, administration area and public facilities such as food and beverage outlets;
- use of the site as an exhibition centre, 'function centre' and 'food and drink premises';
- building signage and advertising structures;
- design and construction of a new link road onto Robert St and roundabout onto Sommerville Rd;
- vehicular access from James Craig Rd to the southwest and exit onto Sommerville Rd and Robert St to the northwest;
- construction of internal access roads;
- car parking for 1000 vehicles;
- construction of a temporary private wharf adjacent to the north-east corner of the site; and
- dismantling and removal of all structures.

It is proposed that construction on the interim SICEEP facility would commence in July 2013. The interim facility would be completely removed by April 2017.

It is understood that all construction works are proposed to be undertaken above the existing sealed ground surface, and that no subsurface works are required. It is further understood that the proposed constructions will be bolted onto the existing slab.

## 2 Site Condition & Surrounding Environment

### 2.1 Site Identification

The Site is located approximately 2.4 km from the Sydney's CBD and is identified as one of the last remaining deep water berth port areas in proximity to Sydney Harbour.

The location of the site is shown in **Figure 1**. Site details are summarised in **Table 2.1** and described in more detail in the following sections.

**Table 2.1 Summary Site Details**

	<b>Glebe Island portion</b>	<b>Overspill car park portion</b>
Lot/DP	Part Lot 10 DP 1065973	Part Lots 1,2,5 and 6 DP 1063454
Address	Glebe Island, Rozelle, NSW	Booth St and Robert St, Rozelle, NSW
Local Government Authority	Leichhardt Council	
Site Zoning	Port and Employment Zone – Sydney Regional Environmental Plan No 26 – City West	
Approximate co-ordinates (MGA 56) of the centre of the site	E: 332188 N: 62513339	E: 331457 N: 6251118
Current Use	Vacant land	
Previous Use	Various industrial activities	Predominantly vacant with some early industrial activities
Site Area	Approximately 5 ha	Approximately 1 ha

### 2.2 Site Description

A detailed inspection of accessible areas of the site was conducted on 5 October 2012. It is noted the overspill car park portion was not able to be accessed for the inspection, and the description of that portion of the site provided below was completed by review of aerial images on Google Earth<sup>1</sup> and NearMap<sup>2</sup>. The layout of the site is shown in **Figure 2**.

#### 2.2.1 Glebe Island portion

Photos taken during the inspection of the Glebe Island portion are provided in **Appendix A**.

The Glebe Island portion occupies an irregular shaped parcel of land within the northeastern extent of Glebe Island Container Terminal precinct. The ground surface within the Glebe Island portion is entirely sealed by concrete and bituminous pavement. The pavement surfaces were noted to be level and in generally reasonable condition with only minor staining and cracks associated with the installation of utilities.

A Sydney Water Pump Station constructed from brick with a concrete tile roof is located within the central western extent of the Glebe Island portion. Several large metal lighting towers provide lighting across the site.

A concrete substation is located near the eastern site boundary which houses several transformers. On inspection the transformers appeared relatively new with no staining apparent on the underlying concrete.

<sup>1</sup> Google Earth website [www.earth.google.com](http://www.earth.google.com) accessed on 5 October 2012

<sup>2</sup> Nearmap website [www.nearmap.com](http://www.nearmap.com) accessed on 5 October 2012



### 2.2.2 Overspill Car Park portion

The Overspill Car Park portion occupies a generally rectangular shaped parcel of land within the western extent of Glebe Island Container Terminal precinct. The ground surface within the Overspill Car Park portion appeared to be sealed with bituminous pavement and/or compacted gravel. The pavement surfaces appeared to be in poor condition, with loose asphaltic material present in areas of former structures and in areas associated with the installation of services. The Overspill Car Park portion appeared to be generally flat with a slight slope to the northeast towards White Bay. A fence traversed the site in the northeastern and central portions.

During the inspection of the Glebe Island portion, the APP representative advised the bituminous concrete surface of the Overspill Car Park portion had potholes. It is understood the potholes will be fixed prior to its use as an overspill car park for the SICEEP facility.

## 2.3 Surrounding Landuse

The surrounding land uses are shown in **Figure 2** and summarised below.

The Glebe Island portion is bound by:

- Bituminous and concrete pavements of the Glebe Island Container Terminal precinct to the northwest and east, followed by the waters of White Bay and Johnstons Bay, respectively. It is understood that the land immediately east of the Glebe Island portion is used by salt ships.
- Bituminous pavements of the Glebe Island Container Terminal precinct to the south. The Western Distributor, ANZAC bridge and NSW Maritime are located approximately 250 m to the south, followed by the waters of Johnstons Bay.
- Glebe Island Grain Terminal and associated freight infrastructure located across Sommerville Rd approximately 60 m to the west. White Bay Power Station is situated approximately 600 m to the northwest.

The Overspill car park portion is bound by:

- The heritage listed White Bay Power Station to the north and west. Robert St bounds the north portion.
- Vacant lots associated with the Glebe Island Container Terminal to the east and southeast. Waters associated with White Bay are located 60 m to the east. Glebe Island Grain Terminal and associated freight infrastructure are situated approximately 150 m to the southeast. Victoria Rd is located approximately 100 m south of the overspill car park portion. A former rail line/siding is located along the southern boundary.

Based on the surrounding land uses, the White Bay Power Station, the Glebe Island Container Terminal and the Glebe Island Grain Terminal are potential offsite sources of contamination.

## 2.4 Topography

Review of the regional topographic data (LPMA website<sup>3</sup>) indicated the site lies between 0 and 10 m Australian Height Datum (AHD). The Glebe Island portion is relatively flat and level, while the overspill car park portion has a slight slope to the east towards White Bay.

## 2.5 Geology

Review of the regional geological map (DMR 1966<sup>4</sup>) indicated the site is underlain by Middle Triassic Hawkesbury Sandstone, part of the Wianamatta Group. Hawkesbury Sandstone consists of massive and cross-bedded quartz rich sheet bedforms with minor (less than 5%) siltstone and mudstone beds.

It is noted that the Glebe Island Dyke Exposure is a heritage listed geological formation exposed within railway cutting present at Glebe Island, as discussed in **Section 3.5**.

Review of the regional soil map (DLWC 9130<sup>5</sup>) indicated the site is located within two soil landscape groups, the colluvial GyMEA group and disturbed terrain. Natural soils are more likely associated with the Overspill Car Park portion, while Glebe Island is entirely within the area marked as disturbed terrain.

The GyMEA landscape is associated with the Hawkesbury Sandstone geology and comprises shallow to moderately deep yellow earths and earthy sands on crests and the insides of benches, with shallow siliceous sands on leading edges of benches and shallow to moderately deep siliceous sands and leached sands along drainage lines. Vegetation typically associated with this landscape comprises extensively cleared open forest and eucalypt woodland. The landscape is characterised by localised steep slopes, high soil erosion hazard, rock outcrops, shallow highly permeable soils and very low soil fertility.

The disturbed terrain landscape group characterises areas having been subject to removal of natural soils or greatly disturbed or buried natural soils often associated with quarries, tips, land reclamation and large cut to fill features. Soils within this group typically comprise imported or reclaimed soils, rock, building and waste materials. This may result in soils with characteristics including high variability, engineering hazards, unconsolidated low bearing strength materials, impermeability, poor drainage, very low fertility, toxic materials and wind erosion hazard. Soils within this landscape group may also be sources of sediment and groundwater contamination.

## 2.6 Acid Sulfate Soils

Review of the Acid Sulfate Soil Risk Map<sup>6</sup> indicated parts of the Glebe Island and Overspill Car Park portions are located within areas of 'disturbed terrain'. Areas having this classification may include filled areas which often occur following reclamation of low lying swamps for urban development. Other areas with this classification may include areas which have been mined, dredged, or have undergone heavy ground disturbance through general urban development.

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<sup>3</sup> Land and Property Management Authority Spatial Information Exchange website, [www.imagery.maps.gov.au](http://www.imagery.maps.gov.au) accessed 28 October 2012

<sup>4</sup> Sydney 1:250 000 Geological Series Sheet S1 56-5 Third Edition. NSW Department of Minerals and Energy, 1966 (DMR 1966)

<sup>5</sup> Sydney Soil Landscape Series Sheet 9130. Department of Land and Water Conservation, 2002 (DLWC 2002).

<sup>6</sup> Acid Sulfate Soil Risk Map –Prospect/Parramatta River, Edition 2, 1997 1:25 000 Ref: 91 30N3. NSW DLWC.

Based on maps included in the Leichhardt Council *Local Environmental Plan (LEP) 2011*, the overspill car park portion is located adjacent to an area of identified acid sulfate soils, although these are likely to extend onto the overspill car park portion but have not previously been identified given limited historical development in this portion of the site. No acid sulfate soils are identified in the vicinity of the Glebe Island portion on the LEP maps.

Based on review of the Acid Sulfate Soil Risk Map (NRA website<sup>7</sup>), acid sulfate soils are associated with the sediments of White Bay and Johnstons Bay. There are no acid sulfate soils marked against the Glebe Island Portion or in the vicinity of the overspill car park portion.

Given the reclamation of areas within and around the Glebe Island and Overspill Car Park portions, and the proximity of the site to the sediments within White Bay and Johnstons Bay, there is the potential for acid sulfate soils to be present at both the Glebe Island and Overspill Car Park portions of the site.

## 2.7 Hydrology

The site lies adjacent to White Bay and Johnstons Bay. Given the sealed ground surface, the majority of precipitation falling on the Glebe Island portion is expected to be collected by the existing stormwater infrastructure.

The presence or otherwise of drainage infrastructure on the overspill portion is not known. Rainfall is likely to follow local topography suggesting runoff will flow towards White Bay but may be directed by local features and any drainage infrastructure present.

## 2.8 Hydrogeology

Details for the 17 registered groundwater bores within 1.5 km of the site is summarised in **Table 2.2**. Groundwater bore information obtained from the Natural Resource Atlas<sup>8</sup> is included in **Appendix B**.

**Table 2.3 Registered Groundwater bores**

Bore ID	Distance from Glebe Island Portion (approximate)	Intended Purpose	Drilled Depth (m)	SWL <sup>1</sup> (mbgl)	Water Bearing Zones (mbgl)	Geological Profile
<b>GW102671</b> <b>GW102672</b>	420 m northwest of the site within Buchanan St	Monitoring	4.80 9.00	- -	- -	Fill (0-2.5m), sandy clay (2.5-4.3m) then sandstone Silty sand (0-2m), sand (2-3m), clayey sand (3-5m), sandy clay (5-6m) then clayey sand (6-9m)
<b>GW109712</b> <b>GW109713</b> <b>GW109714</b> <b>GW109715</b> <b>GW109716</b>	650 m northeast within the Minister for Police property	Monitoring	5.8 6.0 5.9 5.9 6.0	2.6 2.5 2.5 4.4 1.7	2.6-5.8 2.5-6.0 2.5-5.9 4.4-5.9 1.7-6.0	Fill (0-1.5m) then sandstone Fill (0-2.6m) then sandstone Fill (0-1.2m) then sandstone Fill (0-1.2m) then sandstone Fill (0-4.2m, marine silt (4.2-5.8m) then sandstone
<b>GW109209</b>	1.3 km north within the Liddle property.	Domestic	4.5	3.0	3-4.5.0	-

<sup>7</sup> NSW Natural Resource Atlas website, [www.nratlas.nsw.gov.au](http://www.nratlas.nsw.gov.au), accessed on 5 October 2012

<sup>8</sup> Natural Resource Atlas website [www.nratlas.nsw.gov.au](http://www.nratlas.nsw.gov.au) accessed on 5 October 2012

Bore ID	Distance from Glebe Island Portion (approximate)	Intended Purpose	Drilled Depth (m)	SWL <sup>1</sup> (mbgl)	Water Bearing Zones (mbgl)	Geological Profile
<b>GW111329</b>	950 m southeast within Sydney Fish Markets	Monitoring	6.0	-	-	Fill (0-1.35m) then sandstone
<b>GW111330</b>			4.0	-	-	Fill (0-2.5m) then sandstone
<b>GW111331</b>			6.0	-	-	Fill (0-2.2m), silty sand (2.2-5.3m) then silty clay
<b>GW110370</b>	1.2 km southeast within private property	Monitoring	4.0	0.6	0.6-4.0	Fill (0-2.1m), silt (2.1-3.3m), sandy clay (3.3-3.5m) then clayey sand
<b>GW110371</b>			4.0	0.7	0.7-4.0	Fill (0-2.5m), silt (2.5-3.1m) then silty sand
<b>GW110372</b>			4.0	0.6	0.6-4.0	Fill (0-2.2m), sandy clay (2.2-2.7m), silt (2.7-3.3m) then silty sand
<b>GW110373</b>			4.0	0.6	0.6-4.0	Fill (0-1.6m), silt (1.6-3.4m), silty sand (3.4-3.7m) then sandy clay
<b>GW110374</b>			4.0	-	-	Silty sand (0-0.8m), clayey sand (0.8-2.8m) then sandy clay
<b>GW109651</b>	1.3 km southwest within Kypreos Developments	Monitoring	2.5	0.4	2.2-2.55	Fill (0-1m), clay (1-1.7m), shale (1.7-2.2) then sandstone

Note 1 Standing Water Level (SWL) registered as m below ground level (mbgl)

Based on local topography, groundwater flow is anticipated to be to the east towards White Bay and Johnstons Bay. Shallow (perched) groundwater is anticipated to be present at the soil-bedrock interface.

## 3 Site History

### 3.1 Aerial Photographs

Copies of aerial photographs obtained from the Department of Lands are included in **Appendix C**. Relevant information from the aerial photograph review is summarised below.

- **1930:** Glebe Island appeared to comprise extensive wharfage. A large rectangular structure, presumably a grain silo, occupied land within the southwestern portion of the Glebe Island portion. The grain silo and associated structures appeared elevated in comparison to the surrounding areas, which had not been sealed and may have comprised a sandstone bedrock outcrop. Several industrial structures, presumably gantries, conveyors, silos and other grain infrastructure lined the foreshore to the north and southeast. An area in the northeastern portion comprised the waters of Johnstons Bay.

The quality of the aerial photograph precluded a thorough review of the overspill car park portion and surrounds. The area appeared to comprise vacant land within an industrial area. A road crossed the central portion providing access from Robert St to industrial buildings and wharves occupying low lying land to the southeast.

The surrounding area appeared to comprise mixed landuse with industrial style building/landuse lining the foreshores and arterial roads. Industrial-style buildings, wharves, railway tracks and freight infrastructure occupied the industrial areas near to Glebe Island. Residential properties, comprising terrace style buildings occupied land to the north and west. White Bay Power Station was identified west of the site along with Glebe Island Bridge to the southeast.

- **1951:** The eastern portion of Glebe Island had been developed and appeared to comprise warehouse/factory-style buildings, wharves, rail lines and access roads. Several ships were berthed at the northern and eastern wharves. The only potentially unsealed portion of Glebe Island appeared to be in the central portion of the island, to the northeast of the grain buildings identified in the previous photograph. Circular structures, possibly silos, had been built to the northeast adjacent to the grain buildings. Circular structures, possibly silos, and other infrastructure had been developed southwest of the grain buildings, nest to Victoria Rd. New warehouse-style buildings were identified near to the wharves along the southern side of Glebe Island.

The overspill car park portion had been developed with large warehouse-style buildings across all but the southwestern portion, which was vacant. A large elongated cylindrical structure was identified in the southwestern portion the purpose of which is unclear from the aerial photograph. The road previously identified crossing the central portion was no longer present. The White Bay Power Station was identified and appeared to be in operation, with smoke visible from the stacks.

The general area appeared more developed with land being reclaimed from White Bay, and an expansion of the Glebe Island wharf network. Several residential areas west of the site had been replaced by large industrial buildings.

- **1955:** Glebe Island appeared similar to the previous photograph, although the rail lines are more visible with long lines of rail cars identified.

The warehouses previously identified in the overspill car park portion were no longer present, and land appeared to be vacant. The large cylindrical structure was present in the southwestern portion along with some smaller structures. A rail line was identified approximately along the southeastern site boundary.

The surrounding area appeared similar to the previous aerial photograph.

- **1961:** Glebe Island appeared similar to the previous photograph. The overspill car park portion was not included in this photograph.

Land reclamation in areas north of White Bay had continued, and the wharf network had expanded significantly.

- **1970:** Glebe Island appeared similar to the previous photograph, although the last unsealed areas of the Island appeared to have been sealed and contained number of large circular structures. Circular structures, possibly silos, previously identified to the southwest of the grain buildings were no longer identified, and the area appeared to be vacant.

The overspill car park portion was not included in this photograph. Land reclamation along the northern shore of White Bay continued.

- **1976:** The northern and eastern portions of Glebe Island had been redeveloped, with many of the warehouse-style buildings being removed. A small building remained in the northern portion of the Island, which appeared to have no other buildings in the immediate vicinity. Land along the eastern edge of the Island had been reclaimed, while land in the northeastern portion had been removed. Long white structures were identified along the newly formed eastern wharves.

A line of tall circular silos had been constructed west of the grain buildings, although the area southeast of this remained vacant. A gantry had been constructed along the nearby northern wharf to access the line of silos. Several trains were identified along the lines in the western portion of Glebe Island. Industrial development continued along wharves in the southern portion of the Island.

The overspill car park portion was only partially visible in the aerial photograph, but appeared to be mainly vacant land. Part of a rectangular building structure was identified at the edge of the photograph in the southwestern portion. The northeastern portion appeared to have stockpiles of dark material which appeared to be being loaded (or unloaded) to/from a ship.

- **1982:** Long white structures were no longer identified along Glebe Island's eastern wharves, which appeared to comprise large open spaces with clusters of objects (possibly shipping containers) in the vicinity of the two berthed ships. The northwestern portion of the Island appeared similar to the previous photograph, comprising mainly open sealed area with a single building near the wharves in the northern portion. The grain buildings and nearby silos in the central portion of the Island appeared similar to the previous photograph.

Land reclamation continued in the southern areas of the Island, forming additional vacant areas south of Victoria Rd.

The overspill car park portion had a dark ground surface covering and appeared to be used for stockpiling and loading/unloading of dark material (possibly coal) to/from ships north (opposite) of the grain loading berth. No large buildings were identified in the immediate vicinity, although the area directly west of the southern portion was not included in the photograph.

Land reclamation in foreshore areas north of White Bay had continued, and the ships berthed at the new wharves were noted to be much larger than those identified earlier.

- **1991:** The eastern and northwestern portions of Glebe Island appeared predominantly vacant, although two gantries were identified in the northern portion of the eastern wharf. The grain buildings and silos to the east and southwest appeared similar to the previous photograph. The wharf along the southern edge of Glebe Island had a slightly altered footprint.

The overspill car park portion appeared to be used for stockpiling of material. A dark line was identified running through the site which may be indicative of the edges of long stockpiles. The White Bay Power Station could be identified to the west of the overspill car park portion.

The surrounding area appeared similar to the previous aerial photograph, although some demolition works had cleared an industrial area to the northwest of White Bay.

- **1994:** A large structure was identified in the eastern portion of Glebe Island, consistent with a temporary shelter. The remainder of the eastern portion appeared to be used for storage. The two gantries previously identified along the eastern wharf were no longer present. The grain buildings and nearby silos appeared similar to the previous photograph, although some additional buildings were identified between the grain buildings and the southwestern silos.

The dark line was no longer visible across the overspill car park portion indicating the long stockpiles had been removed.

The demolition area to the northwest of White Bay appeared to be a series of parks with occasional large buildings. The ANZAC Bridge was being constructed south of the existing Glebe Island Bridge.

- **2005:** The grain buildings and eastern silos were no longer identified, and the large structure in the eastern portion of Glebe Island was no longer present. The eastern portion appeared to be used for storage. New buildings were identified along the central portion of the northwestern wharves. The southwestern grain silos and associated infrastructure remained. The road network around the grain silo had been altered with the completion of the Western Distributor and ANZAC Bridge. Sommerville Rd was identified. The Glebe Island Bridge had been partially demolished.

Industrial areas along Glebe Island's southern wharf were being redeveloped, and a large warehouse previously identified was no longer present.

The overspill car park portion appeared similar to the previous aerial photograph.

Areas of open space previously identified northwest of White Bay appeared to have been redeveloped for residential purposes. The residential areas had increased in the former industrial areas, with generally only the White Bay Power Station, Glebe Island and the wharves obviously used for industrial purposes.

### **3.2 EPA Records**

A search of the EPA's public register under the *Protection of the Environment Operations (POEO) Act 1997* was undertaken. The search identified that, for the site and nearby properties, there were no prevention, clean-up or prohibition notices. Records for transfer, variation, suspension, surrender or revocation of environment protection licences issued for the site and surrounding properties are summarised in **Table 3.1**. Copies of relevant records are included in **Appendix D**.



**Table 3.1 POEO Act 1997 Public Register search results**

Name	Location	Type	Year	Activity	COPCs	Status
<b>Astor Electroplaters Pty Ltd</b>	51 Lilyfield Rd, Rozelle (980 m southwest)	POEO Licence	2000	Hazardous industrial or Group A waste generation or storage	Acidic solutions or acid in solid form, animal effluent, antimony compounds, arsenic, asbestos, barium, beryllium, boron, heavy metals, chlorates, chromium compounds, organochlorine pesticides (OCPs), perchlorates, phenols, polychlorinated dibenzo-furan, polychlorinated dibenzo-p-dioxin, selenium, sewerage, volatile organic compounds (VOCs) and tellurium, cyanides, grease, total petroleum hydrocarbons (TPH), polycyclic aromatic hydrocarbons (PAHs), solvents and thallium compounds	Surrendered
<b>Gypsum Resources Pty Ltd</b>	Sommerville Rd, Rozelle (Glebe Island)	POEO Licence	2003	Shipping in bulk	Gypsum	Issued
		S 58 Licence Variation	2003	Bulk cargo handling	Gypsum	Issued
		S 58 Licence Variation	2003	Bulk cargo handling	Gypsum	Issued
		S 58 Licence Variation	2007	Bulk cargo handling	Gypsum	Issued
		S 58 Licence Variation	2008	Shipping in bulk	Gypsum	Issued
<b>Maritime Authority of NSW</b>	James Craig Rd, Rozelle (500 m south)	POEO Licence	2003	Boat construction and maintenance	-	Issued
<b>Mountain Industries Pty Ltd</b>	Berth 8 Sommerville Rd, Rozelle (Glebe Island)	POEO Licence	2000	Shipping in bulk	Soda ash	Surrendered
		S 58 Licence Variation	2004	Bulk cargo handling	Soda ash	Issued
<b>Rozelle Bay Pty Ltd</b>	James Craig Rd, Rozelle (500 m south)	POEO Licence	2008	Boat mooring and storage	General activities	Issued
<b>Sugar Australia Pty Ltd</b>	Lot 1 Sommerville Rd, Rozelle (Glebe Island)	POEO Licence	2000	Shipping in bulk and general agricultural processing	General activities	Issued
		S 58 Licence Variation	2001	Other agricultural crop processing and bulk cargo handling	General activities	Issued
		S 58 Licence Variation	2002	Other agricultural crop processing and bulk cargo handling	General activities	Issued
		S 58 Licence Variation	2004	Other agricultural crop processing and bulk cargo handling	General activities	Issued
<b>Sydney City Marine Pty</b>	James Craig Rd, Rozelle (500 m south)	POEO Licence	2007	Boat construction and maintenance	General activities	Issued
		S 58 Licence Variation	2011	Marinas and boat repairs	General activities	Issued
		S 58 Licence Variation	2012	Marinas and boat repairs	General activities	Issued
<b>Sydney Ports Corporation</b>	Sommerville Rd, Rozelle (Glebe Island)	POEO Licence	2008	Shipping in bulk	General activities	Issued

A search was also undertaken through the EPA's public contaminated land register. The search identified that there have been no notices issued under the *Contaminated Land Management (CLM) Act 1997* for the site. EPA Notices issued to properties near to the site are summarised in **Table 3.2**. Copies of relevant records are included in **Appendix D**.

**Table 3.2 CLM Act 1997 Register search results**

Industry	Location from Site (approximate)	Notice Type & Number	Year	COPCs	Status
Former Unilever Detergent Factory	530 m north on Hyam St	Section 35 EHC Act Revocation Notice 432	1997	Heavy metals and hydrocarbons	Former
		Various notices under Section 35 EHC Act	1990-1994	Heavy metals, hydrocarbons, asbestos, polychlorinated biphenyls (PCBs) and chemical waste	Former
Ampol Balmain	550 m north on Buchanan Street	Section 35 EHC Act Order Number 293	1992	Hydrocarbons and heavy metals	Former
Former Unilevel Sulphonation Plant	530 m north of the Site fronting Hyam Street	EHC Act Revocation Notice 442	1997	Heavy metals, PAHs, linear alkylbenzene (LAB) and linear alkylbenzene sulphonate (LAS) compounds	Former
		Section 35 EHC Act Order 398	1995	Heavy metals, PAHs, LAS, LAB and asbestos	Former
White Bay Power Station	Adjacent to overspill car park portion	Section 35 EHC Act Order 130	1989	PCBs and asbestos	Former

The site has not been notified to the EPA as containing significant contamination. The list of properties notified to the EPA is included in **Appendix D**.

### 3.3 Title Details

An historical title search was conducted for the site, and results are summarised in **Tables 3.3 and 3.4**. Copies of title records are included in **Appendix E**.

**Table 3.3 Historical Title Records for Lot 10 DP1065973 (Glebe Island portion)**

Folio	4038-140	4360-45	4414-63	5018-1	PA44164, PA44583, PA51887, PA52063	1903-51	1336-153	PA60734			
1900-1929	Issued to Overall McCray Ltd 1927 and transferred to Californian Oil Products Ltd 2 days later	Issued to Californian Oil Products Ltd in 1929	-	Title stands in the name of The Maritime Services Board of NSW – date not known.	The Maritime Services Board of NSW, now the Sydney Ports Corporation	-	Issued to Joseph Sorrie, Esquire, in 1900	Issued to The Grain Handling Authority of NSW in 1918			
							Transferred to David Drake, ship builder, in 1909				
							Transferred to David Drake Ltd in 1916				
							Transferred to The Sydney Harbour Trust Commissioners in 1922				
1930s	Transferred to The Sydney Harbour Trust Commissioners in 1930		Issued to The Sydney Harbour Trust Commissioners in 1930			Transferred to The Maritime Services Board of NSW in 1936	Issued to George Davidson (accountant) and Austin Batly (salesman) in 1940		Transferred to Lever Brothers Pty Ltd in 1940	Transferred to The Sydney Harbour Trust Commissioners in 1922	
	Transferred to The Maritime Services Board of NSW in 1936										
1940-1980s			Transferred to The Maritime Services Board of NSW in 1971								Transferred to The Maritime Services Board of NSW in 1936
1990-present	Transferred to the Sydney Ports Corporation in 1997			Transferred to the Sydney Ports Corporation in 1997				Transferred to the Grain Handling Ministerial Corporation in 1990			
								Transferred to Her Most Gracious Majesty Queen Elizabeth II (Treasury) in 1993			
			Transferred to the Maritime Services Board of NSW in 1994								

**Table 3.4 Historical Title Records for Lots 1, 2, 5 and 6 DP1063454 (Overspill Car Park portion)**

Folio	PA4826	1059-15	1248-108	BK1047 No190	1033-59	2082-63	1244-2192	1776-78	1762-169	2050-103	11276-111
<b>1892-1910</b>	-	Issued to Matilda Symons, a widow, in 1892	Issued to Matilda Symons, a widow, in 1898	Issued to Henry Swan, a timber merchant, and Alfred Crump, a house decorator, date not known	Issued to John Booth in 1891	Issued to Henry Swan, a timber merchant, in 1910	Issued to Henry Swan, a timber merchant, in 1898	Issued to Henry Swan, a timber merchant, in 1907	Issued to Henry Swan, a timber merchant, in 1907	Issued to The Sydney Harbour Trust Commissioners in 1910	-
		Transferred to Henry Swan and Alfred Crump in 1908			Transferred to James Barnes, a jam manufacturer, in 1895						
<b>1911-1920</b>		Transferred to the Chief Commissioner for Railways and Tramways in 1915	Transferred to Henry Swan, a timber merchant, and Alfred Crump, a house decorator, in 1911	Transferred to the Chief Commissioner for Railways and Tramways in 1914	Transferred to the Chief Commissioner for Railways and Tramways in 1914	Transferred to the Chief Commissioner for Railways and Tramways in 1912	Transferred to the Chief Commissioner for Railways and Tramways in 1913	Transferred to the Chief Commissioner for Railways and Tramways in 1913	Transferred to The Commissioner for Railways in 1918	Transferred to the Railways Commissioners for NSW in 1920	Transferred to the Chief Commissioner for Railways and Tramways in 1914
<b>1921-1979</b>		Transferred to The Commissioner for Railways in 1933									
<b>1980s</b>		Issued to the Commissioner for Railways in 1971	Transferred to The Commissioner for Main Roads in 1964	Transferred to the Electricity Commission of NSW in 1980	Transferred to The Commissioner for Railways in 1962		Transferred to The Commissioner for Railways in 1962			Transferred to The Commissioner for Railways in 1933	Transferred to The Commissioner for Railways in 1962
<b>1990s-present</b>			Transferred to the State Rail Authority of NSW in 1997	Transferred to the Sydney Harbour Foreshore Authority in 2000							Transferred to the Sydney Ports Corporation in 1999
			Transferred to the Sydney Ports Corporation in 2004								Transferred to the Sydney Harbour Foreshore Authority in 2004

### 3.4 Council Records

The zoning certificate for Lot 10 DP1065973 (the Glebe Island portion) was obtained from Leichhardt Council, and is included in **Appendix F**. The zoning certificates for the overspill car park were not obtained given there is substantial information readily available relating to the former Power Station, and the certification were unlikely to provide additional information.

Relevant information is summarised below.

- *Leichhardt Local Environmental Plan 2000* does not apply to this land. The land is subject to the planning controls of the *Sydney Regional Environmental Plan No 26 – City West (SREP26)* (deemed SEPP).
- The Land is zoned Port and Employment Zone under *SREP26*.
- The land is not affected by a policy adopted by Council that restricts the development of the land because of the likelihood of land slip, tidal inundation, subsidence or acid sulfate soils. It is noted that many of the aforementioned policies do not apply as the land is subject to the planning controls of *SREP26*.
- The land is affected by a policy adopted by another public authority. Council has been notified by the Acid Sulphate Soils Management Advisory Committee that certain lands are at risk of containing Acid Sulphate Soils.
- The land is not identified as being affected by implementation of the *Coastal Protection Act 1979* or proclaimed to be within a mine subsidence district within the meaning of the *Mine Subsidence Compensation Act 1961*.
- The land is identified as a Flood Control Lot in the Leichhardt Development Control Plan (DCP) 2000, however, the DCP does not apply as the land is subject to the planning controls of *SREP26*.
- The land does not include or comprise critical habitat. In addition, the land is not land to which a biobanking agreement under Part 7A of the *Threatened Species Conservation Act 1995* relates.
- The land is not declared as significantly contaminated land within the meaning of the *CLM Act 1997*, or subject to a management order within the meaning of the Act.
- The land is not the subject of an approved voluntary management proposal or ongoing maintenance order, or a site audit statement within the meaning of the *CLM Act 1997* which has been provided at any time to Council.
- The land is identified as being bush fire prone land.
- The land is not affected by any road widening or road realignment under:
  - Division 2 of Part 3 of the *Roads Act 1993*;
  - any environmental planning instrument; or
  - any resolution of Council.

### 3.5 Australian and NSW Heritage Register

A search of the Australian Heritage Trust database and the NSW Heritage Inventory did not reveal any Heritage listed items at the site. Nearby Heritage listed items include:

- The Glebe Island Dyke Exposure which is a geological formation exposed within railway cutting present at Glebe Island. The dyke is of significance as it is the only exposure not covered by urbanisation, providing a rare opportunity for examination;
- The Glebe Island World War II Monument which commemorates the first landing of the United States armed forces at Glebe Island and subsequent role of the Port Authority in moving personnel and supplies as part of the war effort;
- The Glebe Island Sandstone Quarry which is of local significance illustrating the range of early industries that once occupied Glebe Island, particularly sandstone quarrying which played an important role in transforming the local area;
- The Glebe Island Silos (Grain Terminal) which are an example of a seminal site in the development of bulk wheat storage and export industry in Australia;
- The Glebe Island Plaque which is of local historical significance as it commemorates the opening of the Container Terminal at Glebe Island;
- The White Bay Power Station and surround which are of significance with aesthetic, historic, social and technological significance. The power station and its equipment evidence the development of large scale generation technology and the growth in the importance of electricity throughout the century. The extant buildings and equipment are important on a national scale because they remain largely intact and therefore able to demonstrate the complete process of coal fired thermal power generation and supply; and
- The White Bay Power Station Canal which is an integral part of the White Bay Power Station and its cooling system

Records are provided in **Appendix G**.

### 3.7 Previous Investigations

#### 3.7.1 Environmental Site Assessment (URS 2002a<sup>9</sup>)

An inspection of a leased area in the southwestern portion of the Glebe Island Portion was undertaken to evaluate the potential environmental issues resulting from activities conducted since the commencement of the lease in May 2001. The area was leased by Sydney Port Corporation (SPC) to Patricks Auto Care (PAC) for the installation of radios, compliance plates and owner manuals to Mitsubishi vehicles received at the adjacent motor vehicle terminal at Glebe Island.

The PAC lease area was reported to be part of an extensive wharf redevelopment project undertaken in the late sixties. The Glebe Island bulk wheat terminal was located on the PAC lease area until 1999. 172 wheat silos, a large grain elevator and associated buildings were demolished on the lease area by the SPC between May 1999 and September 2000 resulting in a relatively flat and predominately bitumen-sealed area. One area with dimensions approximately 100 x 200 m remained unsealed.

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<sup>9</sup> *Environmental Site Assessment*. URS Australia Pty Ltd, Ref: 43027-016, September 2002 (URS 2002a)

The lease area comprised predominantly car parking areas with an aluminium clad 'Build' shed, three portable buildings located at the eastern end of the lease area. A Sydney Water sewage pumping station was located adjacent to the lease area. There was no evidence of underground storage tanks at the lease area.

The Build shed was used for radio installation during rain periods. The portable amenities building was supplied with town water and sewage was collected in an onsite tank which was removed weekly by a contractor.

URS 2002a concluded that the lease area had no major environmental issues as a result of the occupation of the leased area by PAC.

### **3.7.2 Final Environmental Audit (URS 2002b<sup>10</sup>)**

An inspection of Berths 1 and 2 (northwestern and eastern wharves) of Glebe Island was undertaken to evaluate the potential environmental issues resulting from activities conducted since the commencement of the lease in 1995. The area was leased by SPC to P&O Ports Limited (P&O) for the unloading and temporary storage of cars imported from overseas.

The audit included review of the activities and areas of potential environmental impact, notably the recently commissioned wastewater treatment plant in the sub-leased area; stormwater management on the extensive paved areas; trade waste; management of solid wastes; and storage of fuels.

An above ground diesel tank was located on the P&O lease area. Prixcar Services Pty Ltd (Prixcar), a sublessee, operated the tank for provision of diesel to the high-pressure water washing machines in the wash bay. Evidence of spills outside the bund in the vicinity of the diesel tank and diesel contaminated stormwater within the bund was apparent.

There were, reportedly, no underground storage tanks on the lease area. URS recommended either decommissioning or significant upgrades to the above ground diesel storage tank.

Stormwater runoff from the lease area was not contained or monitored and flowed directly into Johnstons Bay.

URS 2002b concluded that the lease area had no major environmental issues as a result of the occupation of the leased area by P&O.

## **3.8 Local History Review**

A review of publically available documents was undertaken and relevant information on the historical landuse and activities for the site is summarised below.

- Prior to Glebe Island's conversion into its current day form, Glebe Island comprised a rocky sandstone outcrop, accessible from the Balmain shoreline at low tide only until a causeway was laid in the 1840s<sup>11</sup>.

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<sup>10</sup> *Final Environmental Audit*. URS Australia Pty Ltd, Ref: 36074-010, September 2002 (URS 2002b)

<sup>11</sup> WH Wells, Plan of a Part of the Glebe Island Situate between Balmain, Pyrmont and The Glebe for Sale by Auction by Mr Stubbs on Monday July 12th 1841.

- Noxious industries were forced out of the Sydney CBD in the 1830s and relocated to the Leichhardt area<sup>12</sup>. Colonial architect Edmund Blacket design public abattoirs on Glebe Island<sup>13</sup> which industrialised Glebe Island and the surrounding area, attracting industries such as soap factories and cable makers.

The Government abattoirs were a heavy source of pollution within the area and featured prominently in the 1882 Royal Commission into noxious and offensive trades, instigated by complaints from Balmain and Glebe Point residents<sup>14</sup>. The commission found that in 1882, over 600,000 sheep, cattle and pigs were slaughtered at Glebe Island. During the 1870s local protests led to its closure of the abattoir and relocation to Homebush.

- During the late 1800s, major land reclamation occurred for industrial sites and to create deeper water berths, replacing earlier jetties<sup>9</sup>.
- The White Bay Power station was constructed in 1912 to provide power to Sydney's rail network<sup>15</sup>. The original construction included a boiler house, a turbine hall and switch house. Upgrade works in the 1950s replaced the original boiler house. The power station supplied electricity for general use as the demand for electricity increased. The White Bay Power Station ceased operations in 1983.
- During the early 1900s, major industrial users included the White Bay Power Station and grain storage facilities. Housing at White Bay and the abattoirs were demolished and more land was reclaimed for berths and stores<sup>9</sup>.
- In 1860, Balmain Council acquired land to build a road connecting Glebe Island to the neighbouring suburb of Pyrmont<sup>16</sup>. In 1862, the Pyrmont Bridge Company built a low level timber framed bridge that connected the island to Pyrmont and thus to the city<sup>17</sup>. The new bridge to Pyrmont opened in 1903<sup>18</sup>. The new Pyrmont Bridge and the Glebe Island Bridge were built concurrently, and each comprised a swing bridge swivelling on a massive central stone pivot pier with timber-trussed side spans<sup>11</sup>.
- Under the Local Government Act of 1906, the 13.7 ha Glebe Island was added to the municipality of Balmain<sup>19</sup>. Today the Glebe Island precinct has an area of approximately 40 ha.
- In 1912, the Sydney Harbour Trust planned broadside wharfage at Balmain East and along the southern shore of Balmain, including Glebe Island<sup>20</sup>. By 1915 the Pyrmont quarry master had been commissioned to level the island to make it

<sup>12</sup> 'Glebe Island and White Bay Master Plan, Incorporating the Ports Improvement Program and SEPP 61 Exempt and Complying Development'. Sydney Ports dated November 2000.

<sup>13</sup> Joan Kerr, *Our Great Victorian Architect, Edmund Thomas Blacket (1817–1883)*, National Trust, Sydney, 1983, pp 74–75.

<sup>14</sup> Report of the Royal Commission appointed on the 20th November, 1882, to inquire into the nature and operations of, and to classify noxious and offensive trades within the city of Sydney and its suburbs and to report generally on such trades; together with the Minutes of Evidence and Appendices ordered by the Council to be printed, 31 May, 1863, Journal Legislative Council, NSW 1883, Second Session, vol 25, p 194.

<sup>15</sup> Sydney Harbour Foreshore Authority website [www.shfa.nsw.gov.au](http://www.shfa.nsw.gov.au), accessed 5 October 2012

<sup>16</sup> Balmain Council Minutes, minute 218, 7 September 1860.

<sup>17</sup> Select Committee on the Pyrmont Bridge Company Bill (amended), NSW Legislative Assembly Votes and Proceedings, 1858, vol 2; Pyrmont Bridge Co – half-yearly meeting, NSW Government Gazette, 1863, p 1619.

<sup>18</sup> L Coltheart and D Fraser, *Landmarks in Public Works: engineers and their works in New South Wales, 1884–1914*, Hale and Iremonger, Sydney, 1987, p 72.

<sup>19</sup> Souvenir to Commemorate the 50th Anniversary of the Incorporation of the Municipality of Balmain 1860–1910, p 35.

<sup>20</sup> Leichhardt Historical Journal, 14, 1985, p 57.



suitable for wharves<sup>21</sup>. A 'great quantity' of excavated ballast was dumped at the eastern end of Glebe Island reclaiming land. Many cubic feet of quality dimension stone, however, were carefully cut away and 'almost certainly' used for construction projects.

- Wharves were built on three sides of the levelled Glebe Island from 1915<sup>22</sup>. The reconstructed fourth side was attached to the Rozelle shoreline as part of the extensive reclamation of Rozelle Bay and White Bay which had begun in the 1890s<sup>23</sup>.
- Rail tracks were established through Rozelle linking Pyrmont and Darling Harbour in 1919, which further supported industrial development of the area<sup>9</sup>.
- Glebe Island became the site of a grain elevator and tall concrete silos, operated from 1921 by the Grain Elevators Board of NSW<sup>24</sup>. The bulk wheat terminal reportedly had a capacity of 7.5 million bushels (202,500 tonnes)<sup>25</sup>.
- In 1926, extensive wharfage for timber shipment with rail connections was built by the Sydney Harbour Trust<sup>9</sup>.
- During World War II, coal handling wharves were established along White Bay and coal handling continued at the wharves until the 1980s when a facility was developed at Port Kembla<sup>12</sup>. This appears to be consistent with the Land Traffic Control Regulations for the Port Authority, which refers to a "coal stacking area" on the southeastern side of Robert St.
- During World War II, much of Glebe Island was commandeered for the United States main army depot in Sydney. Bulk handling of grain continued until 1990 when the wheat terminal was transferred to Port Kembla and the wharfage remodelled for containerised cargo<sup>26</sup>. During this time the timber industry moved to Homebush. From 1990, Australian Cement used some of the silos for bulk cement as part of cement terminal<sup>27</sup>.
- Until November 2008, Glebe Island was the AAT terminal for imported motor vehicles. Some silos were demolished, while from 1991 Australian Cement (now Cement Australia) used 16 silos as a bulk cement terminal<sup>21</sup>.
- ANZAC Bridge was built to replace the older Glebe Island Bridge and was opened in 1995.<sup>28</sup> ANZAC Bridge comprised a high level, cable stayed, reinforced concrete six lane bridge spanning 345 m between two 120 m towers.

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<sup>21</sup> R Irving, *Paradise Purgatory Hell Hole: The Story of the Saunders Sandstone Quarries*, Pyrmont, Media Masters, Singapore, 2006, p 50.

<sup>22</sup> P Proudfoot, 'The Extension of Maritime Activity in Sydney: Pyrmont, Glebe Island and Balmain 1890–1950', *The Great Circle*, vol 10, 1988, pp 110–135.

<sup>23</sup> Land and Property Information NSW, Central Mapping Authority Sheets U0945-32, U0945-33, note 33.

<sup>24</sup> *Peninsula Observer* no 210, February 1992.

<sup>25</sup> *Ports and Harbours*, Australian Encyclopaedia, Angus and Robertson, Sydney 1958, vol 7, p 211.

<sup>26</sup> *Peninsula Observer* No 210, February 1992. [glebe island history](http://www.glebeislandhistory.org)

<sup>27</sup> Dictionary of Sydney website, [www.dictionaryofsydney.org](http://www.dictionaryofsydney.org), accessed on 5 October 2012

<sup>28</sup> *Daily Telegraph*, 4 December 1995, pp 33–40

### 3.9 Site History Summary

A summary of the site history is provided in **Table 3.5**.

**Table 3.5 Site History Summary**

Period	Activity	Source
1830s	Noxious industries forced out of Sydney CBD and relocated in the Leichhardt area. The construction of the public abattoirs was the first industrial use of Glebe Island and the surrounding area, and attracted industries such as soap factories and cable makers. Prior to its development, Glebe Island comprised a rocky sandstone outcrop, accessible from the Balmain shoreline at low tide only until a causeway was laid in the 1840s.	Sydney Ports Authority WH Wells 1841
1850s-1890s	Major land reclamation occurred for industrial sites and to create deeper water berths in White Bay and Johnstons Bay. Protests led to the closure of abattoirs on Glebe Island and their relocation to Homebush. The first bridge was built connecting Glebe Island to Pyrmont in 1862.	Sydney Ports Authority Balmain Council
1900s-1919	Major industrial users included the White Bay Power Station and grain storage facilities. Housing at White Bay and the abattoirs at Glebe Island were demolished and more land was reclaimed for berths and stores. Glebe Island Bridge was opened in 1903. In 1915 the Pyrmont quarry master was commissioned to level Glebe Island to make it suitable for wharves. The eastern extent of Glebe Island was reclaimed using ballast fill. Rail tracks were built through Rozelle in 1919.	Sydney Ports Authority Australian Encyclopaedia, 1958
1920s	The Grain Elevators Board of NSW operated a grain elevator and tall concrete silos on Glebe Island from 1921. In 1926, extensive wharfage for timber shipment with rail connections was built by the Sydney Harbour Trust.	Peninsula Observer, 1992 Sydney Ports Authority
1930s	The Glebe Island portion comprised extensive wharfage, as well as buildings, silos and other infrastructure presumably associated with the grain industry. The Overspill Car Park portion appeared to comprise vacant land traversed by a road in the central portion.	1930 Aerial Photograph
1939-1945	During World War II, coal handling wharves were established along White Bay. Much of Glebe Island was commandeered for the United States main army depot in Sydney.	Peninsula Observer, 1992 Sydney Ports Authority
1951	The eastern portion of Glebe Island had been developed and appeared to comprise warehouse/factory-style buildings, wharves, rail lines and access roads. The only potentially unsealed portion of Glebe Island appeared to be in the central portion of the island. The overspill car park portion had been developed with large warehouse-style buildings across all but the southwestern portion, which was vacant.	1951 Aerial Photograph
1955	Glebe Island appeared similar to the previous photograph, although the rail lines are more visible with long lines of rail cars identified. The warehouses previously identified in the overspill car park portion were no longer present, although a large cylindrical structure remained in the southwestern portion along with some smaller structures.	1961 Aerial Photograph
1970	Glebe Island appeared similar to the previous photograph, although the last unsealed areas of the Island appeared to have been sealed and contained number of large circular structures.	1970 Aerial Photograph
1976	The northern and eastern portions of Glebe Island had been redeveloped, with many of the warehouse-style buildings being removed. A small building remained in the northern portion of the Island. Land along the eastern edge of the Island had been reclaimed, while land in the northeastern portion had been removed. Long white structures were identified along the newly formed eastern wharves. The overspill car park portion was only partially visible in the aerial photograph, but appeared to be mainly vacant land. Part of a rectangular building structure was identified at the edge of the photograph in the southwestern portion. The northeastern portion appeared to have stockpiles of dark material which appeared to be being loaded (or unloaded) to/from a ship.	1976 Aerial Photograph
1980s	Coal handling at White Bay was discontinued and relocated to the Port Kembla facility.	Sydney Ports Authority
1982	Long white structures were no longer identified along Glebe Island's eastern wharves, which appeared to comprise large open spaces with clusters of objects (possibly shipping containers) in the vicinity of the two berthed ships. The northwestern portion of the Island appeared similar to the previous photograph, comprising mainly open sealed area with a single building near the wharves in the northern portion. The grain buildings and nearby silos in the central portion of the Island appeared similar to the previous photograph. Land reclamation continued in the southern areas of the Island, forming additional vacant areas south of Victoria Rd. The overspill car park portion had a dark ground surface covering and appeared to be used for stockpiling and loading/unloading of dark material (possibly coal) to/from ships north (opposite) of the grain loading berth.	1982 Aerial Photograph

Period	Activity	Source
1990s	Bulk handling of grain was relocated from Glebe Island to Port Kembla in 1990, and the wharfage remodeled for containerized cargo. From 1990, Australian Cement used some of the silos for bulk cement as part of a cement terminal. Glebe Island was also used as the AAT terminal for imported motor vehicles. The timber industry moved from Glebe Island to Homebush.	Sydney Ports Authority, Peninsula Observer, 1992
1991	The eastern and northwestern portions of Glebe Island appeared predominantly vacant, although two gantries were identified in the northern portion of the eastern wharf. The grain buildings and silos to the east and southwest appeared similar to the previous photograph. The wharf along the southern edge of Glebe Island had a slightly altered footprint. The overspill car park portion appeared to be used for stockpiling of material. A dark line was identified running through the site which may be indicative of the edges of long stockpiles. The White Bay Power Station could be identified to the west of the overspill car park portion.	1991 Aerial Photograph
1994	A large structure was identified in the eastern portion of Glebe Island, consistent with a temporary shelter. The remainder of the eastern portion appeared to be used for storage. The two gantries previously identified along the eastern wharf were no longer present. The grain buildings and nearby silos appeared similar to the previous photograph, although some additional buildings were identified between the grain buildings and the southwestern silos. The dark line was no longer visible across the overspill car park portion indicating the long stockpiles had been removed.	1994 Aerial Photograph
2005	The grain buildings and eastern silos were no longer identified, and the large structure in the eastern portion of Glebe Island was no longer present. The eastern portion appeared to be used for storage. New buildings were identified along the central portion of the northwestern wharves. The southwestern grain silos and associated infrastructure remained. The road network around the grain silo had been altered with the completion of the Western Distributor and ANZAC Bridge. Sommersville Rd was identified. The Glebe Island Bridge had been partially demolished. The overspill car park portion appeared similar to the previous aerial photograph.	2005 Aerial Photograph
2012	The Glebe Island portion comprised an open paved area with a Sydney Water Pumping Station and a substation. From review of the aerial photos, the Overspill Car Park portion comprised vacant land sealed with bituminous pavement or compacted gravel. A fence traversed the northeaster and central portions.	JBS site inspection

### 3.10 Integrity Assessment

The information obtained from the historical sources reviewed has been found to be in general agreement. It is noted that some inconsistency was noted during the historical review in the date of particular activities. However, the landuse and activities were consistent. It is therefore considered that the information provided in this historical assessment has an acceptable level of accuracy.

The zoning certificates for the overspill car park were not obtained given there is substantial information readily available relating to the former Power Station, and the records were unlikely to provide significant additional information. Similarly, DA/BA records for the site have not been reviewed, given the wealth of information already available and the limited significance of information likely to be obtained from this source.

A review of WorkCover Dangerous Goods records was not undertaken given the sealed ground surface at the site, and the limited nature of the development which does not include any subsurface activities. Potential impact from historical tanks is unlikely to pose a risk to users of the facility, given the interim nature of the facility and the sealed ground surface.

## 4 Conceptual Site Model

### 4.1 Potential Areas of Environmental Concern

Based on the history review and observations of the site, areas of environmental concern have been identified and are presented in **Table 4.1**.

**Table 4.1 Areas of Environmental Concern and Associated Contaminants of Potential Concern**

Area of Environmental Concern (AEC)	Contaminants of Potential Concern (COPC)
Fill material used to alter the sites topography, including the use of ballast and dredged material to reclaim land	Heavy metals, TPH/BTEX, PAHs, OCPs, PCBs, volatile organic compounds (VOCs), asbestos, acid sulfate soils (ASS)
Former site structures	Lead paint, asbestos
Storage and maintenance of mechanical equipment including gantries, cranes, conveyors, etc	VOCs, heavy metals, TPH/BTEX, PAHs
Contamination associated with the former industrial landuse	Heavy metals, TPH/BTEX, PAHs, OCPs, PCBs, VOCs in addition to COPCs specifically associated with the particular activities by various land owners or lease holders.
Potential underground and/or above ground storage tanks at the site or within areas immediately adjacent the site	Heavy metals, TPH/BTEX, PAHs,
Migration of contaminants from White Bay Power Station	Heavy metals, TPH/BTEX, PAHs, OCPs, PCBs, VOCs, asbestos

No information in relation to product spills/losses, discharges to the land, water or air associated with chemical storage at the site has been identified as part of this assessment.

Sensitive receptors at the site are considered to include: Site workers, visitors who may come into contact with potentially contaminated media within the Site and the waters of White Bay and Johnstons Bay.

### 4.2 Potentially Contaminated Media

Potentially contaminated media present at the site include:

- Fill material;
- Natural soils and/or bedrock; and
- Groundwater.

The historical review identified that previous site activities has included large scale industrial activities which may have impacted the historical soils. In addition, the reclamation and filling of low lying areas indicates the potential for impacted material to have been imported to the site for use as fill.

It is acknowledged that fill material may have been sourced from other areas across Glebe Island, imported from surrounding sites or include dredged sediments from White Bay and Johnstons Bay, or alternatively, sourced from industrial activities occurring in the region at that time. Based on this, the fill material underlying the site has been identified as a potentially contaminated medium.

Based on the potential mobility of contaminants and their associated potential leachability through the soil/fill profile, vertical migration of contaminants from the surface soils and fill material into the underlying natural soils/sandstone bedrock may have occurred. As a result, the natural soils and underlying sandstone bedrock are also considered to be potentially contaminated media.

Given the occurrence of sandstone outcrops at Glebe Island and the occurrence of alluvial soil conditions associated with the neighbouring White Bay and Johnstons Bay, there is a possibility of shallow perched groundwater occurring within either alluvial deposits or occurring across the bedrock interface in near surface soils, particularly following sustained rainfall events. The anticipated shallow depth to underlying sandstone bedrock of low permeability may result in the potential for lateral migration of contaminants within subsoil water across the bedrock interface in surface and near-surface fill material and/or natural soil especially following rainfall events

Taking into account the likely depth of groundwater and the potential leachability of the identified contaminants of concern, it is considered that groundwater is a potentially contaminated medium. As with the natural soils, the potential for contamination of groundwater will depend upon the actual nature, occurrence and characteristics of contamination within the overlying fill material and potentially natural soils.

### **4.3 Potential for Migration**

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

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

The potential contaminants identified as part of the site history review and site inspection are generally in either a solid form (e.g. heavy metals, PAHs, asbestos, grease, etc) or liquid form (e.g. fuel, oils, lubricants, degreasers, pesticides etc).

As the ground surface across the site comprises concrete and bituminous pavements, the potential for windblown dust from the site is relatively low. Given the lack of exposed soil, the potential for contamination migration via surface water movement and infiltration of water and subsequent migration through the soil profile is considered to be limited.

The main pathway for migration of potential contaminants is likely to be shallow groundwater at the site.

## 5 Conclusions

Based on the results of this investigation, and subject to the limitations outlined in **Section 6**, it is concluded that there is potential for subsurface contamination to be present resulting from historical site reclamation/filling and previous site activities. Given the proposed use of the site for temporary commercial structures which do not require subsurface works during the development, the potential for human health risks from potential subsurface contamination would be largely mitigated under the ongoing commercial/industrial landuse assuming the existing hardstand is to be maintained.

Should disturbance of existing hardstand or other pavements be required during the development of the temporary structures, e.g. for service trenches or building support, additional investigations will need to be undertaken to ensure potential subsurface contamination is appropriately characterised and managed.

It is recommended a site management plan be prepared for implementation during development of the temporary facilities that documents the potential for contamination and acid sulfate soils beneath the subsurface and appropriate actions required prior to and during any subsurface works that require disturbance of the existing hardstand or other permanent pavement.

## 6 Limitations

This report has been prepared for use by the client who commissioned the works in accordance with the project brief only, and has been based in part on information obtained from the client and other parties. The report has been prepared specifically for the client for the purposes of the commission, including use by the Site Auditor acting as an agent of the client in this respect. No warranties, express or implied, are offered to any third parties and no liability will be accepted for use or interpretation of this report by any third party.

The advice herein relates only to this project and all results conclusions and recommendations made should be reviewed by a competent person with experience in environmental investigations, before being used for any other purpose. This report should not be reproduced without prior approval by the client, or amended in any way without prior approval by JBS Environmental Pty Ltd.

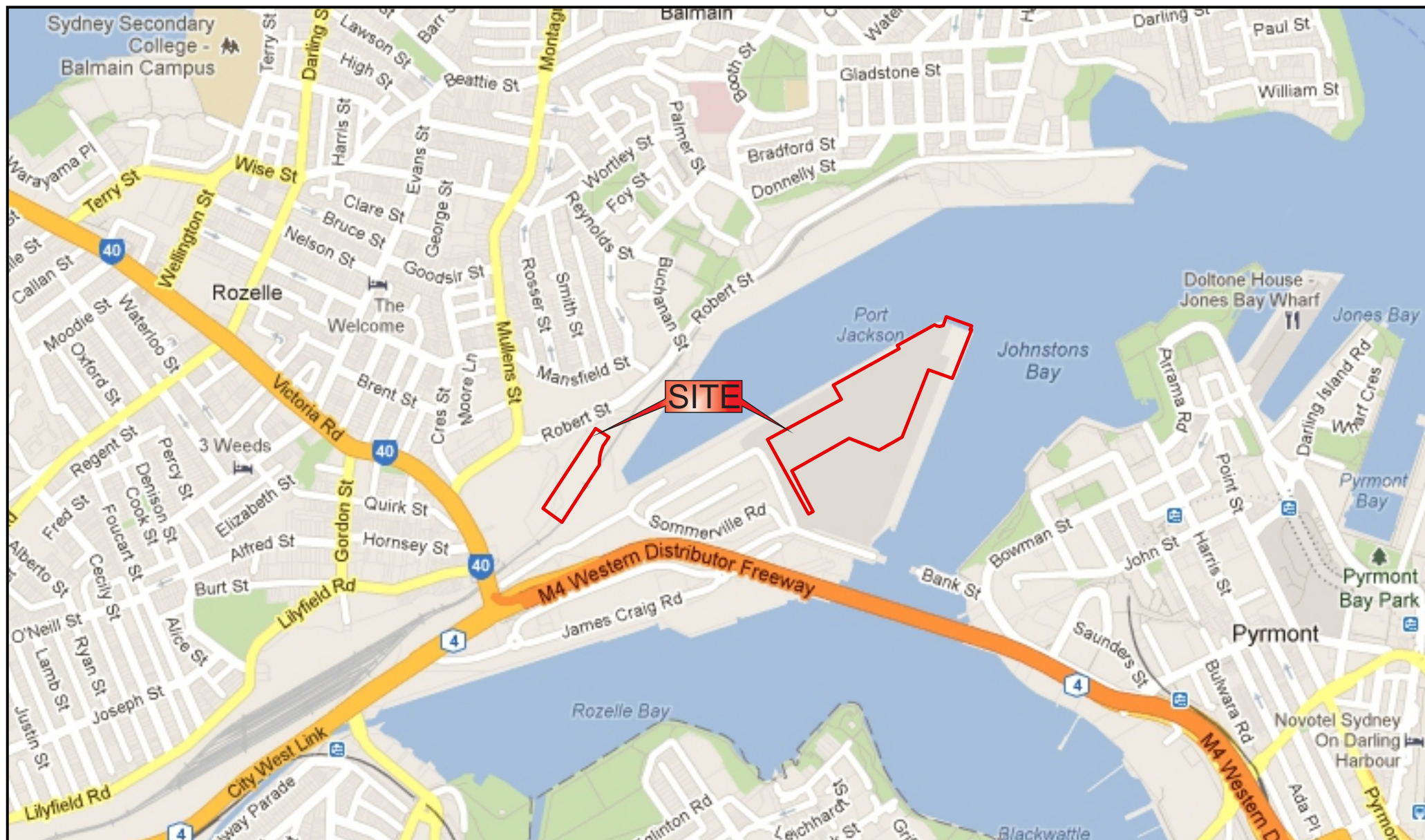
Limited sampling and laboratory analyses were undertaken as part of the investigations reviewed, as described herein. Ground conditions between sampling locations and media may vary, and this should be considered when extrapolating between sampling points. Chemical analytes are based on the information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

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

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

## Figures





Source: Base Image - Google Maps www.maps.google.com 21-09-2012

© 2012 JBS Environmental Pty Ltd

0 50 100 200 m Scale: Approximate			
Datum: MGA94 Zone 56 - AHD			
A4			
0	Original Issue - R01	SE	21-09-2012
Rev	Description	Dwn.	Date

Legend:

— Approximate Site Boundary



Figure 1: Site Location

Client: APP Corporation Pty Ltd

Project: SICEEP Interim Facility, Sydney NSW

Job No: 42394

File Name: 42394\_01







Source: Base Image - Google Maps www.maps.google.com 18-09-2012

© 2012 JBS Environmental Pty Ltd

0 40 80 160 m			
Scale: 1:4,000			
Datum: GDA 1994 MGA Zone 56 - AHD			
A4			
0	Original Issue - R01	SE	07-11-2012
Rev	Description	Dm.	Date:

**Legend:**

- Approximate Site Boundary
- - - Approximate Drainage Line
- + Approximate Former Rail Tracks
- ★ Lighting Tower Location



**Figure 2: Site Layout**

Client: APP Corporation Pty Ltd

Project: SICEEP Interim Facility, Sydney NSW

Job No: 42394

File Name: 42394\_02



## **Appendix A**

### **Site Photographs**





Photo 1: Glebe Island portion facing northeast showing rail lines along the northwestern boundary



Photo 2: Glebe Island portion facing northwest including the offsite transformer shed.

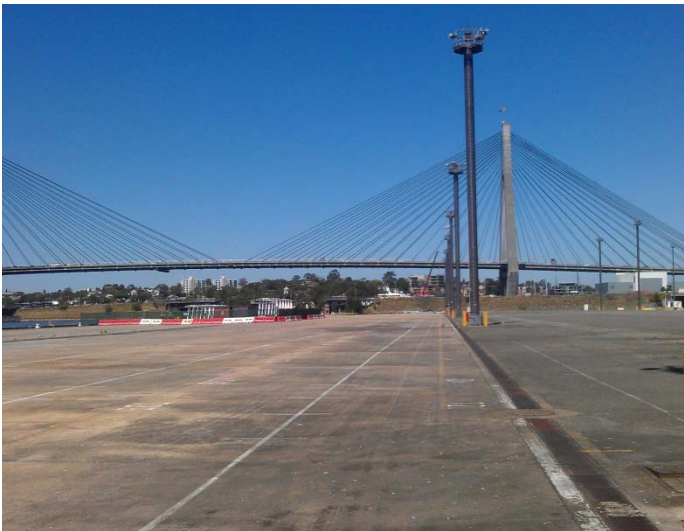


Photo 3: Glebe Island portion facing south showing drainage lines in the northwestern portion



Photo 4: Glebe Island portion facing southeast including onsite transformer shes.

© 2012 JBS Environmental 2012

Source:			
JBS Environmental			
0	Original Issue -	JBS	4/10/2012
Rev	Description	Drn.	Date


	Appendix: Photograph Log	
	Client: APP Corporation Pty Ltd	
	Project: SICEEP ESA	
	Job No: 42394	
	File Name: Photograph Log	



Photo 5: Transformers within the onsite transformer shed



Photo 6: Heritage listed brick hut will remain on-site



Photo 7: Heritage listed hut

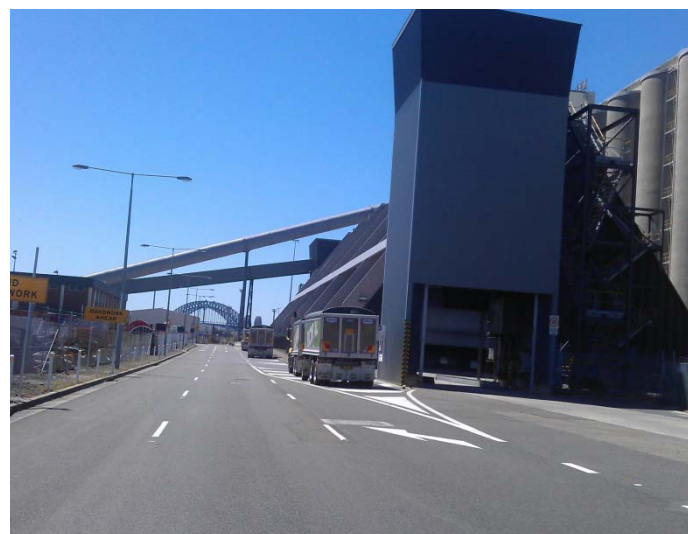



Photo 8: Looking east across the industrial area between the Glebe island and Overspill car park portions

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Source:			
JBS Environmental			
0	Original Issue -	JBS	4/10/2012
Rev	Description	Drn.	Date

		Appendix: Photograph Log
Client: APP Corporation Pty Ltd		
Project: ESA SICEEP, Rozelle		
Job No: 42394		File Name: Photograph Log

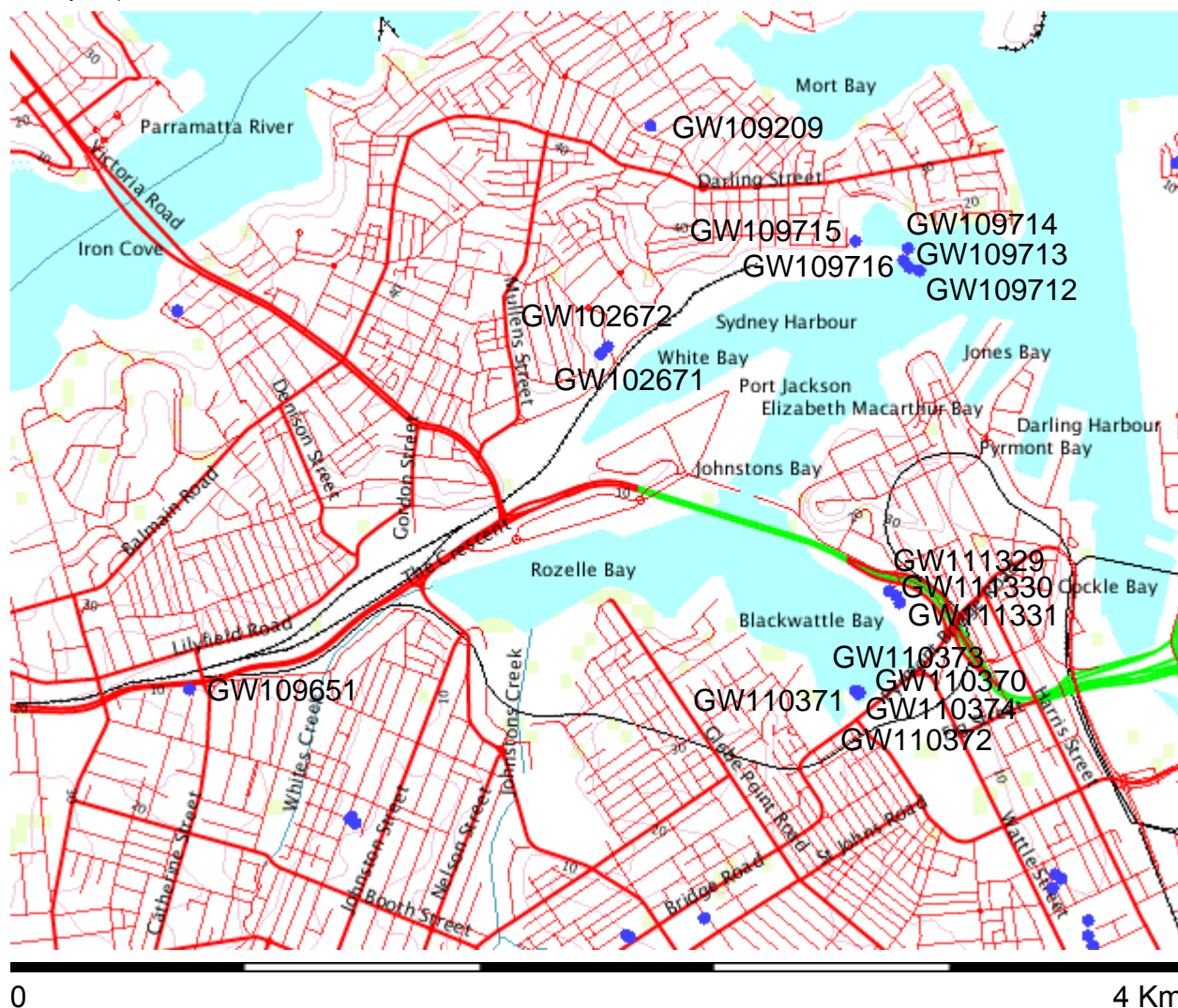
**Appendix B**  
**Groundwater Bore Records**



# R001 (ESA SICEEP, Rozelle, NSW - Rev 0)

Map created with NSW Natural Resource Atlas - <http://www.nratlas.nsw.gov.au>

Monday, September 24, 2012



0

4 Km

## Legend

Symbol

Layer

Custodian



Cities and large towns  
renderImage: Cannot build image from features



Populated places  
renderImage: Cannot build image from features



Towns



Groundwater Bores



Catchment Management Authority  
boundaries



Major rivers

Topographic base map



Copyright © 2012 New South Wales Government. Map has been compiled from various sources and may contain errors or omissions. No representation is made as to its accuracy or suitability.



# Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)  
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## Work Requested -- GW102671

### Works Details [\(top\)](#)

GROUNDWATER NUMBER	GW102671
LIC-NUM	10BL152712
AUTHORISED-PURPOSES	MONITORING BORE
INTENDED-PURPOSES	MONITORING BORE
WORK-TYPE	Bore
WORK-STATUS	(Unknown)
CONSTRUCTION-METHOD	Auger
OWNER-TYPE	
COMMENCE-DATE	
COMPLETION-DATE	1993-07-01
FINAL-DEPTH (metres)	4.80
DRILLED-DEPTH (metres)	4.80
CONTRACTOR-NAME	
DRILLER-NAME	
PROPERTY	N/A
GWMA	-
GW-ZONE	-
STANDING-WATER-LEVEL	
SALINITY	
YIELD	

### Site Details [\(top\)](#)

REGION	10 - SYDNEY SOUTH COAST
RIVER-BASIN	
AREA-DISTRICT	
CMA-MAP	
GRID-ZONE	
SCALE	
ELEVATION	
ELEVATION-SOURCE	
NORTHING	6251559.00
EASTING	331651.00
LATITUDE	33 51' 46"
LONGITUDE	151 10' 48"
GS-MAP	

AMG-ZONE 56  
 COORD-SOURCE GIS - Geographic Information System  
 REMARK

### Form-A [\(top\)](#)

no details

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP BUCHANAN ST, BALMAIN

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	4.80	125			Auger
1	1	Casing	P.V.C.	0.00	4.80	50			C: 0-.1m; Screwed; Seated on Bottom; Cap
1	1	Opening	Slots - Horizontal	1.00	4.00	50			PVC; A: .05mm
1		Annulus	(Unknown)	0.50	4.80				Ungraded; GS: .2-7mm

### Water Bearing Zones [\(top\)](#)

no details

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	1.00	1.00	SANDY OIL		
1.00	2.50	1.50	SOIL		
2.50	4.30	1.80	SANDY CLAY		
4.30	4.80	0.50	SANDSTONE		

---

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## Work Requested -- GW102672

### Works Details [\(top\)](#)

GROUNDWATER NUMBER	GW102672
LIC-NUM	10BL152712
AUTHORISED-PURPOSES	MONITORING BORE
INTENDED-PURPOSES	MONITORING BORE
WORK-TYPE	Bore
WORK-STATUS	(Unknown)
CONSTRUCTION-METHOD	Auger
OWNER-TYPE	
COMMENCE-DATE	
COMPLETION-DATE	1993-07-01
FINAL-DEPTH (metres)	9.00
DRILLED-DEPTH (metres)	9.00
CONTRACTOR-NAME	
DRILLER-NAME	
PROPERTY	N/A
GWMA	-
GW-ZONE	-
STANDING-WATER-LEVEL	
SALINITY	
YIELD	

### Site Details [\(top\)](#)

REGION	10 - SYDNEY SOUTH COAST
RIVER-BASIN	
AREA-DISTRICT	
CMA-MAP	
GRID-ZONE	
SCALE	
ELEVATION	
ELEVATION-SOURCE	
NORTHING	6251590.00
EASTING	331676.00
LATITUDE	33 51' 45"
LONGITUDE	151 10' 49"
GS-MAP	

AMG-ZONE 56  
 COORD-SOURCE GIS - Geographic Information System  
 REMARK

### Form-A [\(top\)](#)

no details

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP BUCHANAN ST, BALMAIN

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	9.00	125			Auger
1	1	Casing	P.V.C.	0.00	9.00	50			Screwed; Seated on Bottom; Cap
1	1	Opening	Slots - Horizontal	2.00	6.00	50			PVC; A: .05mm
1		Annulus	(Unknown)	0.50	9.00				Ungraded; GS: .2- 7mm

### Water Bearing Zones [\(top\)](#)

no details

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	2.00	2.00	SOIL SANDY		
2.00	3.00	1.00	SAND		
3.00	5.00	2.00	CLAY SANDY		
5.00	6.00	1.00	SAND CLAYEY		
6.00	9.00	3.00	CLAY SANDY		

---

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## Work Requested -- GW109209

### Works Details [\(top\)](#)

GROUNDWATER NUMBER	GW109209
LIC-NUM	10WA109259
AUTHORISED-PURPOSES	DOMESTIC
INTENDED-PURPOSES	DOMESTIC
WORK-TYPE	Spear
WORK-STATUS	
CONSTRUCTION-METHOD	
OWNER-TYPE	Private
COMMENCE-DATE	
COMPLETION-DATE	2008-08-13
FINAL-DEPTH (metres)	4.50
DRILLED-DEPTH (metres)	
CONTRACTOR-NAME	
DRILLER-NAME	
PROPERTY	LIDDLE
GWMA	-
GW-ZONE	-
STANDING-WATER-LEVEL	3.00
SALINITY	
YIELD	0.30

### Site Details [\(top\)](#)

REGION	10 - SYDNEY SOUTH COAST
RIVER-BASIN	
AREA-DISTRICT	
CMA-MAP	
GRID-ZONE	
SCALE	
ELEVATION	
ELEVATION-SOURCE	
NORTHING	6252542.00
EASTING	331813.00
LATITUDE	33 51' 15"
LONGITUDE	151 10' 55"
GS-MAP	

AMG-ZONE 56  
COORD-SOURCE  
REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
PARISH PETERSHAM  
PORTION-LOT-DP 1//547891

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
PARISH PETERSHAM  
PORTION-LOT-DP 1 547891

### Water Bearing Zones [\(top\)](#)

no details

### Drillers Log [\(top\)](#)

no details

---

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## Work Requested -- GW109651

### Works Details [\(top\)](#)

GROUNDWATER NUMBER	GW109651
LIC-NUM	10BL602525
AUTHORISED-PURPOSES	MONITORING BORE
INTENDED-PURPOSES	MONITORING BORE
WORK-TYPE	Bore
WORK-STATUS	
CONSTRUCTION-METHOD	Auger
OWNER-TYPE	Private
COMMENCE-DATE	
COMPLETION-DATE	2008-05-27
FINAL-DEPTH (metres)	2.50
DRILLED-DEPTH (metres)	2.55
CONTRACTOR-NAME	
DRILLER-NAME	
PROPERTY	KYPREOS DEVELOPMENTS PTY LTD
GWMA	-
GW-ZONE	-
STANDING-WATER-LEVEL	0.42
SALINITY	690.00
YIELD	0.50

### Site Details [\(top\)](#)

REGION	10 - SYDNEY SOUTH COAST
RIVER-BASIN	
AREA-DISTRICT	
CMA-MAP	
GRID-ZONE	
SCALE	
ELEVATION	
ELEVATION-SOURCE	
NORTHING	6250093.00
EASTING	330203.00
LATITUDE	33 52' 33"
LONGITUDE	151 9' 51"
GS-MAP	

AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP 100//1115656

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP 100 1115656

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	2.50	150			Auger
1	1	Casing	PVC Class 18	0.00	0.90	61	51		Screwed; Seated on Bottom
1	1	Opening	Slots - Horizontal	0.90	2.30	61			PVC Class 18; Casing - Machine Slotted; SL: 42mm; A: .2mm; Screwed
1		Annulus	Waterworn/Rounded	0.80	2.55				Graded; GS: 3- 5mm

### Water Bearing Zones [\(top\)](#)

FROM- DEPTH (metres)	TO-DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W-L	D- D- L	YIELD	TEST-HOLE- DEPTH (metres)	DURATION	SALINITY
2.20	2.55	0.35		0.42		0.50			

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	1.00	1.00	FILL.YELLOW ORANGE,SANDSTONE		



1.00	1.70	0.70	CLAY,YELLOW,WEATHERED,MED.PLASTICITY
1.70	2.20	0.50	SHALE,RED GREY,WEATHERED,DRY
2.20	2.55	0.35	SANDSTONE L/GREY,HIGHLY WEATHERED

---

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## Work Requested -- GW109712

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW109712  
LIC-NUM 10BL163286  
AUTHORISED-PURPOSES MONITORING BORE  
INTENDED-PURPOSES MONITORING BORE  
WORK-TYPE Well  
WORK-STATUS  
CONSTRUCTION-METHOD  
OWNER-TYPE Other Govt  
COMMENCE-DATE  
COMPLETION-DATE 2004-01-21  
FINAL-DEPTH (metres) 5.80  
DRILLED-DEPTH (metres) 5.80  
CONTRACTOR-NAME  
DRILLER-NAME  
PROPERTY MINISTER FOR POLICE  
GWMA -  
GW-ZONE -  
STANDING-WATER-LEVEL 2.64  
SALINITY  
YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
RIVER-BASIN  
AREA-DISTRICT  
CMA-MAP  
GRID-ZONE  
SCALE  
ELEVATION  
ELEVATION-SOURCE  
NORTHING 6251938.00  
EASTING 332788.00  
LATITUDE 33 51' 35"  
LONGITUDE 151 11' 33"  
GS-MAP

AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP 1//773671

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP 1 812813

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	5.80	100			
1	1	Casing	PVC Class 18	0.00	5.80	50			Screwed; Seated on Bottom
1		Annulus	Crushed Aggregate	0.00	0.00				Graded; GS: 1- 5.8mm

### Water Bearing Zones [\(top\)](#)

FROM- DEPTH (metres)	TO-DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W-L	D- D- L	YIELD	TEST-HOLE- DEPTH (metres)	DURATION	SALINITY
0.00	5.80	5.80		2.64					

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO- MATERIAL	COMMENT
0.00	1.50	1.50	TOPSOIL AND FILL		
1.50	5.80	4.30	WEATHERED SANDSTONE,MEDIUM TO COARSE GRAINED		

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## Work Requested -- GW109713

### Works Details [\(top\)](#)

GROUNDWATER NUMBER	GW109713
LIC-NUM	10BL163286
AUTHORISED-PURPOSES	MONITORING BORE
INTENDED-PURPOSES	MONITORING BORE
WORK-TYPE	Well
WORK-STATUS	
CONSTRUCTION-METHOD	Other
OWNER-TYPE	Other Govt
COMMENCE-DATE	
COMPLETION-DATE	2004-01-21
FINAL-DEPTH (metres)	6.00
DRILLED-DEPTH (metres)	6.00
CONTRACTOR-NAME	
DRILLER-NAME	
PROPERTY	MINISTER FOR POLICE
GWMA	-
GW-ZONE	-
STANDING-WATER-LEVEL	2.52
SALINITY	
YIELD	

### Site Details [\(top\)](#)

REGION	10 - SYDNEY SOUTH COAST
RIVER-BASIN	
AREA-DISTRICT	
CMA-MAP	
GRID-ZONE	
SCALE	
ELEVATION	
ELEVATION-SOURCE	
NORTHING	6251951.00
EASTING	332750.00
LATITUDE	33 51' 34"
LONGITUDE	151 11' 31"
GS-MAP	

AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP 1//812813

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP 1 812813

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	6.00	100			Other
1	1	Casing	PVC Class 18	0.00	6.00	50			Screwed
1		Annulus	Crushed Aggregate	0.00	0.00				Graded; GS: 1- 6mm

### Water Bearing Zones [\(top\)](#)

FROM- DEPTH (metres)	TO-DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W-L	D- D- L	YIELD	TEST-HOLE- DEPTH (metres)	DURATION	SALINITY
6.00	6.00	0.00		2.52					

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO- MATERIAL	COMMENT
0.00	2.60	2.60	FILL		
2.60	6.00	3.40	SANDSTONE,WEATHERED,MEDIUM TO COARSE GRAINED/SOME CLAY		

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# Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)  
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## Work Requested -- GW109714

### Works Details [\(top\)](#)

GROUNDWATER NUMBER	GW109714
LIC-NUM	10BL163286
AUTHORISED-PURPOSES	MONITORING BORE
INTENDED-PURPOSES	MONITORING BORE
WORK-TYPE	Well
WORK-STATUS	
CONSTRUCTION-METHOD	Other
OWNER-TYPE	Other Govt
COMMENCE-DATE	
COMPLETION-DATE	2004-01-22
FINAL-DEPTH (metres)	5.90
DRILLED-DEPTH (metres)	5.90
CONTRACTOR-NAME	
DRILLER-NAME	
PROPERTY	MINISTER FOR POLICE
GWMA	-
GW-ZONE	-
STANDING-WATER-LEVEL	2.55
SALINITY	
YIELD	

### Site Details [\(top\)](#)

REGION	10 - SYDNEY SOUTH COAST
RIVER-BASIN	
AREA-DISTRICT	
CMA-MAP	
GRID-ZONE	
SCALE	
ELEVATION	
ELEVATION-SOURCE	
NORTHING	6252032.00
EASTING	332745.00
LATITUDE	33 51' 32"
LONGITUDE	151 11' 31"
GS-MAP	

AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP 1//812813

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP 1 812813

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	5.90	100			Other
1	1	Casing	PVC Class 18	0.00	5.90	50			Screwed; Seated on Bottom
1		Annulus	Crushed Aggregate	0.00	0.00				Graded; GS: .5- 5.9mm

### Water Bearing Zones [\(top\)](#)

FROM- DEPTH (metres)	TO-DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W-L	D- D- L	YIELD	TEST-HOLE- DEPTH (metres)	DURATION	SALINITY
0.00	5.90	5.90		2.55					

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO- MATERIAL	COMMENT
0.00	1.20	1.20	FILL		
1.20	5.90	4.70	SANDSTONE WEATHERED,MEDIUM TO COARSE,GRAINED,SOME CLAY		

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# Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)  
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## Work Requested -- GW109715

### Works Details [\(top\)](#)

GROUNDWATER NUMBER	GW109715
LIC-NUM	10BL163286
AUTHORISED-PURPOSES	MONITORING BORE
INTENDED-PURPOSES	MONITORING BORE
WORK-TYPE	Well
WORK-STATUS	
CONSTRUCTION-METHOD	Other
OWNER-TYPE	Other Govt
COMMENCE-DATE	
COMPLETION-DATE	2004-01-22
FINAL-DEPTH (metres)	5.90
DRILLED-DEPTH (metres)	5.90
CONTRACTOR-NAME	
DRILLER-NAME	
PROPERTY	MINISTER FOR POLICE
GWMA	-
GW-ZONE	-
STANDING-WATER-LEVEL	4.40
SALINITY	
YIELD	

### Site Details [\(top\)](#)

REGION	10 - SYDNEY SOUTH COAST
RIVER-BASIN	
AREA-DISTRICT	
CMA-MAP	
GRID-ZONE	
SCALE	
ELEVATION	
ELEVATION-SOURCE	
NORTHING	6252060.00
EASTING	332556.00
LATITUDE	33 51' 31"
LONGITUDE	151 11' 24"
GS-MAP	



AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP 1//812813

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP 1 812813

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	5.90	100			Other
1	1	Casing	PVC Class 18	0.00	5.90	50			Screwed; Seated on Bottom
1		Annulus	Crushed Aggregate	0.00	0.00				Graded; GS: 1- 5.9mm

### Water Bearing Zones [\(top\)](#)

FROM- DEPTH (metres)	TO-DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W-L	D- D- L	YIELD	TEST-HOLE- DEPTH (metres)	DURATION	SALINITY
0.00	5.90	5.90		4.40					

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO- MATERIAL	COMMENT
0.00	1.20	1.20	FILL		
1.20	5.90	4.70	SANDSTONE WEATHERED MEDIUM TO COARSE GRAINED,CLAY SEAMS		

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# Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)  
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## Work Requested -- GW109716

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW109716  
LIC-NUM 10BL163286  
AUTHORISED-PURPOSES MONITORING BORE  
INTENDED-PURPOSES MONITORING BORE  
WORK-TYPE Well  
WORK-STATUS  
CONSTRUCTION-METHOD Other  
OWNER-TYPE Other Govt  
COMMENCE-DATE  
COMPLETION-DATE 2004-01-22  
FINAL-DEPTH (metres) 6.00  
DRILLED-DEPTH (metres) 6.00  
CONTRACTOR-NAME  
DRILLER-NAME  
PROPERTY MINISTER FOR POLICE  
GWMA -  
GW-ZONE -  
STANDING-WATER-LEVEL 1.79  
SALINITY  
YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
RIVER-BASIN  
AREA-DISTRICT  
CMA-MAP  
GRID-ZONE  
SCALE  
ELEVATION  
ELEVATION-SOURCE  
NORTHING 6251981.00  
EASTING 332729.00  
LATITUDE 33 51' 33"  
LONGITUDE 151 11' 30"  
GS-MAP

AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP 1//812813

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP 1 812813

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	6.00	100			Other
1	1	Casing	PVC Class 18	0.00	6.00	50			Screwed; Seated on Bottom
1		Annulus	Crushed Aggregate	0.00	0.00				Graded; GS: 1- 5mm

### Water Bearing Zones [\(top\)](#)

FROM- DEPTH (metres)	TO-DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W-L	D- D- L	YIELD	TEST-HOLE- DEPTH (metres)	DURATION	SALINITY
0.00	6.00	6.00		1.79					

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	4.20	4.20	FILL		
4.20	5.80	1.60	MARINE SILT		
5.80	6.00	0.20	SANDSTONE		

---

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# Groundwater Works Summary

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## Work Requested -- GW110370

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW110370  
LIC-NUM 10BL160269  
AUTHORISED-PURPOSES MONITORING BORE  
INTENDED-PURPOSES MONITORING BORE  
WORK-TYPE Well  
WORK-STATUS  
CONSTRUCTION-METHOD Auger  
OWNER-TYPE Private  
COMMENCE-DATE  
COMPLETION-DATE 2001-04-24  
FINAL-DEPTH (metres) 4.00  
DRILLED-DEPTH (metres) 4.00  
CONTRACTOR-NAME  
DRILLER-NAME  
PROPERTY N/A  
GWMA -  
GW-ZONE -  
STANDING-WATER-LEVEL 0.60  
SALINITY  
YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
RIVER-BASIN  
AREA-DISTRICT  
CMA-MAP  
GRID-ZONE  
SCALE  
ELEVATION  
ELEVATION-SOURCE  
NORTHING 6250123.00  
EASTING 332598.00  
LATITUDE 33 52' 33"  
LONGITUDE 151 11' 24"  
GS-MAP

AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP //75702

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP A 83307

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	4.00	100			Auger
1	1	Casing	PVC Class 18	0.00	0.50	50			Screwed PVC Class 18;
1	1	Opening	Slots	0.50	4.00	50			Casing - Machine Slotted; SL: 3.5mm; Screwed
1		Annulus	Waterworn/Rounded	0.00	0.00				Graded; GS: .3- 4mm; Q: 2m <sup>3</sup>

### Water Bearing Zones [\(top\)](#)

FROM- DEPTH (metres)	TO-DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W-L	D- D- L	YIELD	TEST-HOLE- DEPTH (metres)	DURATION	SALINITY
0.60	4.00	3.40		0.60					

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	2.10	2.10	FILL,SANDY CLAY		
2.10	3.30	1.20	SILT,BLACK		
3.30	3.50	0.20	SAND CLAYEY		
3.50	4.00	0.50	CLAY SANDY		

---

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# Groundwater Works Summary

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## Work Requested -- GW110371

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW110371  
LIC-NUM 10BL160269  
AUTHORISED-PURPOSES MONITORING BORE  
INTENDED-PURPOSES MONITORING BORE  
WORK-TYPE Well  
WORK-STATUS  
CONSTRUCTION-METHOD Auger  
OWNER-TYPE Private  
COMMENCE-DATE  
COMPLETION-DATE 2001-04-24  
FINAL-DEPTH (metres) 4.00  
DRILLED-DEPTH (metres) 4.00  
CONTRACTOR-NAME  
DRILLER-NAME  
PROPERTY N/A  
GWMA -  
GW-ZONE -  
STANDING-WATER-LEVEL 0.70  
SALINITY  
YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
RIVER-BASIN  
AREA-DISTRICT  
CMA-MAP  
GRID-ZONE  
SCALE  
ELEVATION  
ELEVATION-SOURCE  
NORTHING 6250115.00  
EASTING 332598.00  
LATITUDE 33 52' 34"  
LONGITUDE 151 11' 24"  
GS-MAP

AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP //75702

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP A 83307

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	4.00	100			Auger
1	1	Casing	PVC Class 18	0.00	0.50	50			Screwed PVC Class 18; Casing - Machine Slotted; SL: 3.5mm; A: .4mm; Screwed
1	1	Opening	Slots	0.50	4.00	50			Graded; GS: .3- 4mm
1		Annulus	Waterworn/Rounded	0.00	0.00				

### Water Bearing Zones [\(top\)](#)

FROM- DEPTH (metres)	TO-DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W-L	D- D- L	YIELD	TEST-HOLE- DEPTH (metres)	DURATION	SALINITY
0.70	4.00	3.30		0.70					

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	2.50	2.50	FILL,SANDY CLAY		
2.50	3.10	0.60	SILT,SATURATED BLACK		
3.10	4.00	0.90	SILTY SAND		



---

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# Groundwater Works Summary

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## Work Requested -- GW110372

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW110372  
LIC-NUM 10BL160269  
AUTHORISED-PURPOSES MONITORING BORE  
INTENDED-PURPOSES MONITORING BORE  
WORK-TYPE Well  
WORK-STATUS  
CONSTRUCTION-METHOD Auger  
OWNER-TYPE Private  
COMMENCE-DATE  
COMPLETION-DATE 2001-04-24  
FINAL-DEPTH (metres) 4.00  
DRILLED-DEPTH (metres) 4.00  
CONTRACTOR-NAME  
DRILLER-NAME  
PROPERTY N/A  
GWMA -  
GW-ZONE -  
STANDING-WATER-LEVEL 0.60  
SALINITY  
YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
RIVER-BASIN  
AREA-DISTRICT  
CMA-MAP  
GRID-ZONE  
SCALE  
ELEVATION  
ELEVATION-SOURCE  
NORTHING 6250121.00  
EASTING 332606.00  
LATITUDE 33 52' 34"  
LONGITUDE 151 11' 24"  
GS-MAP

AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP //75702

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP A 83307

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	4.00	100			Auger
1	1	Casing	PVC Class 18	0.00	0.50	50			Screwed PVC Class 18;
1	1	Opening	Slots	0.50	4.00	50			Casing - Machine Slotted; A: .4mm; Screwed
1		Annulus	Waterworn/Rounded	0.00	0.00				Graded; GS: .3- 4mm

### Water Bearing Zones [\(top\)](#)

FROM- DEPTH (metres)	TO-DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W-L	D- D- L	YIELD	TEST-HOLE- DEPTH (metres)	DURATION	SALINITY
0.60	4.00	3.40		0.60					

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	2.20	2.20	FILL,SILTY CLAY		
2.20	2.70	0.50	SANDY CLAY		
2.70	3.30	0.60	SILT,SOFT BLACK		
3.30	4.00	0.70	SILTY SAND		

---

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# Groundwater Works Summary

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## Work Requested -- GW110373

### Works Details [\(top\)](#)

GROUNDWATER NUMBER GW110373  
LIC-NUM 10BL160269  
AUTHORISED-PURPOSES MONITORING BORE  
INTENDED-PURPOSES MONITORING BORE  
WORK-TYPE Well  
WORK-STATUS  
CONSTRUCTION-METHOD Auger  
OWNER-TYPE Private  
COMMENCE-DATE  
COMPLETION-DATE 2001-04-24  
FINAL-DEPTH (metres) 4.00  
DRILLED-DEPTH (metres) 4.00  
CONTRACTOR-NAME  
DRILLER-NAME  
PROPERTY N/A  
GWMA -  
GW-ZONE -  
STANDING-WATER-LEVEL 0.60  
SALINITY  
YIELD

### Site Details [\(top\)](#)

REGION 10 - SYDNEY SOUTH COAST  
RIVER-BASIN  
AREA-DISTRICT  
CMA-MAP  
GRID-ZONE  
SCALE  
ELEVATION  
ELEVATION-SOURCE  
NORTHING 6250126.00  
EASTING 332590.00  
LATITUDE 33 52' 33"  
LONGITUDE 151 11' 24"  
GS-MAP

AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP //75702

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH PETERSHAM  
 PORTION-LOT-DP A 83307

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	4.00	100			Auger
1	1	Casing	PVC Class 18	0.00	0.50	50			Screwed PVC Class 18;
1	1	Opening	Slots	0.50	4.00	50			Casing - Machine Slotted; A: .4mm; Screwed
1		Annulus	Waterworn/Rounded	0.00	0.00				Graded; GS: .3- 4mm

### Water Bearing Zones [\(top\)](#)

FROM- DEPTH (metres)	TO-DEPTH (metres)	THICKNESS (metres)	ROCK- CAT- DESC	S- W-L	D- D- L	YIELD	TEST-HOLE- DEPTH (metres)	DURATION	SALINITY
0.60	4.00	3.40		0.60					

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	1.60	1.60	FILL,SANDY CLAY		
1.60	3.40	1.80	SILT,SATURATED BLACK		
3.40	3.70	0.30	SILTY SAND		
3.70	4.00	0.30	SANDY CLAY		

---

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# Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)  
Document Generated on Monday, September 24, 2012

Print Report

[Works Details](#) [Site Details](#) [Form A](#) [Licensed](#) [Construction](#) [Water Bearing Zones](#) [Drillers Log](#)

## Work Requested -- GW110374

### Works Details [\(top\)](#)

GROUNDWATER NUMBER	GW110374
LIC-NUM	10BL160269
AUTHORISED-PURPOSES	MONITORING BORE
INTENDED-PURPOSES	MONITORING BORE
WORK-TYPE	Well
WORK-STATUS	
CONSTRUCTION-METHOD	Auger
OWNER-TYPE	Private
COMMENCE-DATE	
COMPLETION-DATE	2001-04-24
FINAL-DEPTH (metres)	4.00
DRILLED-DEPTH (metres)	4.00
CONTRACTOR-NAME	
DRILLER-NAME	
PROPERTY	N/A
GWMA	-
GW-ZONE	-
STANDING-WATER-LEVEL	
SALINITY	
YIELD	

### Site Details [\(top\)](#)

REGION	10 - SYDNEY SOUTH COAST
RIVER-BASIN	
AREA-DISTRICT	
CMA-MAP	
GRID-ZONE	
SCALE	
ELEVATION	
ELEVATION-SOURCE	
NORTHING	6250122.00
EASTING	332603.00
LATITUDE	33 52' 33"
LONGITUDE	151 11' 24"
GS-MAP	



AMG-ZONE 56  
COORD-SOURCE  
REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
PARISH PETERSHAM  
PORTION-LOT-DP //75702

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
PARISH PETERSHAM  
PORTION-LOT-DP A 83307

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	4.00	100			Auger

### Water Bearing Zones [\(top\)](#)

no details

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	0.80	0.80	SILTY SAND WITH MINOR CLAY		
0.80	2.80	2.00	CLAYEY SAND,WITH MINOR GRAVEL		
2.80	4.00	1.20	SANDY CLAY WITH MINOR SHELLS		

---

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# Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)  
Document Generated on Monday, September 24, 2012

Print Report

[Works Details](#) [Site Details](#) [Form A](#) [Licensed](#) [Construction](#) [Water Bearing Zones](#) [Drillers Log](#)

## Work Requested -- GW111329

### Works Details [\(top\)](#)

GROUNDWATER NUMBER	GW111329
LIC-NUM	10BL604323
AUTHORISED-PURPOSES	MONITORING BORE
INTENDED-PURPOSES	MONITORING BORE
WORK-TYPE	Bore
WORK-STATUS	Equipped - bore used for obs
CONSTRUCTION-METHOD	Auger - Solid Flight
OWNER-TYPE	Other Govt
COMMENCE-DATE	
COMPLETION-DATE	2010-07-20
FINAL-DEPTH (metres)	6.00
DRILLED-DEPTH (metres)	6.00
CONTRACTOR-NAME	
DRILLER-NAME	
PROPERTY	SYDNEY FISH MARKETS
GWMA	-
GW-ZONE	-
STANDING-WATER-LEVEL	
SALINITY	
YIELD	

### Site Details [\(top\)](#)

REGION	10 - SYDNEY SOUTH COAST
RIVER-BASIN	
AREA-DISTRICT	
CMA-MAP	
GRID-ZONE	
SCALE	
ELEVATION	
ELEVATION-SOURCE	
NORTHING	6250560.00
EASTING	332704.00
LATITUDE	33 52' 19"
LONGITUDE	151 11' 28"
GS-MAP	

AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH ST ANDREW  
 PORTION-LOT-DP 2//827434

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH ST ANDREW  
 PORTION-LOT-DP 2 827434

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	6.00	100			Auger - Solid Flight
1	1	Casing	Steel Stainless 316	0.00	3.00	50			Screwed  Stainless Steel 304;
1	1	Opening	Slots - Horizontal	3.00	6.00	50			Casing - Machine Slotted; Screwed
1		Annulus	Waterworn/Rounded	2.00	6.00				Graded; GS: 0- 2mm

### Water Bearing Zones [\(top\)](#)

no details

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	0.15	0.15	(UNKNOWN)		
0.15	1.50	1.35	FILL,SILTY SAND		
1.50	6.00	4.50	SANDSTONE		

**Warning To Clients:** This raw data has been supplied to the Department of Infrastructure, Planning and Natural Resources (DIPNR) by drillers, licensees and other sources. The DIPNR 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.

# Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)  
Document Generated on Monday, September 24, 2012

[Print Report](#)

[Works Details](#) [Site Details](#) [Form A](#) [Licensed](#) [Construction](#) [Water Bearing Zones](#) [Drillers Log](#)

## Work Requested -- GW111330

### Works Details [\(top\)](#)

GROUNDWATER NUMBER	GW111330
LIC-NUM	10BL604323
AUTHORISED-PURPOSES	MONITORING BORE
INTENDED-PURPOSES	MONITORING BORE
WORK-TYPE	Bore
WORK-STATUS	Equipped - bore used for obs
CONSTRUCTION-METHOD	Auger - Solid Flight
OWNER-TYPE	Other Govt
COMMENCE-DATE	
COMPLETION-DATE	2010-07-20
FINAL-DEPTH (metres)	4.00
DRILLED-DEPTH (metres)	4.00
CONTRACTOR-NAME	
DRILLER-NAME	
PROPERTY	SYDNEY FISH MARKETS
GWMA	-
GW-ZONE	-
STANDING-WATER-LEVEL	
SALINITY	
YIELD	

### Site Details [\(top\)](#)

REGION	10 - SYDNEY SOUTH COAST
RIVER-BASIN	
AREA-DISTRICT	
CMA-MAP	
GRID-ZONE	
SCALE	
ELEVATION	
ELEVATION-SOURCE	
NORTHING	6250538.00
EASTING	332729.00
LATITUDE	33 52' 20"
LONGITUDE	151 11' 29"
GS-MAP	

AMG-ZONE 56  
COORD-SOURCE  
REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
PARISH ST ANDREW  
PORTION-LOT-DP 2//827434

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
PARISH ST ANDREW  
PORTION-LOT-DP 2 827434

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	4.00	100			Auger - Solid Flight
1	1	Casing	Steel Stainless 316	0.00	1.00	50			Screwed  Stainless Steel 316;
1	1	Opening	Slots - Horizontal	1.00	4.00	50			Casing - Machine Slotted; Screwed
1		Annulus	Waterworn/Rounded	0.00	0.70				Graded; GS: 0- 2mm

### Water Bearing Zones [\(top\)](#)

no details

### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	0.19	0.19	CONCRETE PAVEMENT ALL OVER		
0.19	2.50	2.31	FILL.CLAYEY SAND, GRAVELLY		
2.50	4.00	1.50	SANDSTONE, LIGHT GREY		

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# Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)  
Document Generated on Monday, September 24, 2012

Print Report

[Works Details](#) [Site Details](#) [Form A](#) [Licensed](#) [Construction](#) [Water Bearing Zones](#) [Drillers Log](#)

## Work Requested -- GW111331

### Works Details [\(top\)](#)

GROUNDWATER NUMBER	GW111331
LIC-NUM	10BL604323
AUTHORISED-PURPOSES	MONITORING BORE
INTENDED-PURPOSES	MONITORING BORE
WORK-TYPE	Bore
WORK-STATUS	Equipped - bore used for obs
CONSTRUCTION-METHOD	Auger - Solid Flight
OWNER-TYPE	Other Govt
COMMENCE-DATE	
COMPLETION-DATE	2010-07-20
FINAL-DEPTH (metres)	6.00
DRILLED-DEPTH (metres)	6.00
CONTRACTOR-NAME	
DRILLER-NAME	
PROPERTY	SYDNEY FISH MARKETS
GWMA	-
GW-ZONE	-
STANDING-WATER-LEVEL	
SALINITY	
YIELD	

### Site Details [\(top\)](#)

REGION	10 - SYDNEY SOUTH COAST
RIVER-BASIN	
AREA-DISTRICT	
CMA-MAP	
GRID-ZONE	
SCALE	
ELEVATION	
ELEVATION-SOURCE	
NORTHING	6250509.00
EASTING	332742.00
LATITUDE	33 52' 21"
LONGITUDE	151 11' 30"
GS-MAP	



AMG-ZONE 56  
 COORD-SOURCE  
 REMARK

### Form-A [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH ST ANDREW  
 PORTION-LOT-DP 2//827434

### Licensed [\(top\)](#)

COUNTY CUMBERLAND  
 PARISH ST ANDREW  
 PORTION-LOT-DP 2 827434

### Construction [\(top\)](#)

Negative depths indicate Above Ground Level;H-Hole;P-Pipe;OD-Outside Diameter;  
 ID-Inside Diameter;C-Cemented;SL-Slot Length;A-Aperture;GS-Grain Size;Q-Quantity

HOLE- NO	PIPE- NO	COMPONENT- CODE	COMPONENT- TYPE	DEPTH- FROM (metres)	DEPTH- TO (metres)	OD (mm)	ID (mm)	INTERVAL	DETAIL
1		Hole	Hole	0.00	6.00	100			Auger - Solid Flight
1	1	Casing	Steel Stainless 316	0.00	3.00	50			Screwed  Stainless Steel 316;
1	1	Opening	Slots - Horizontal	3.00	6.00	50			Casing - Machine Slotted; Screwed
1		Annulus	Waterworn/Rounded	0.00	1.00				Graded; GS: 0- 2mm

### Water Bearing Zones [\(top\)](#)

no details

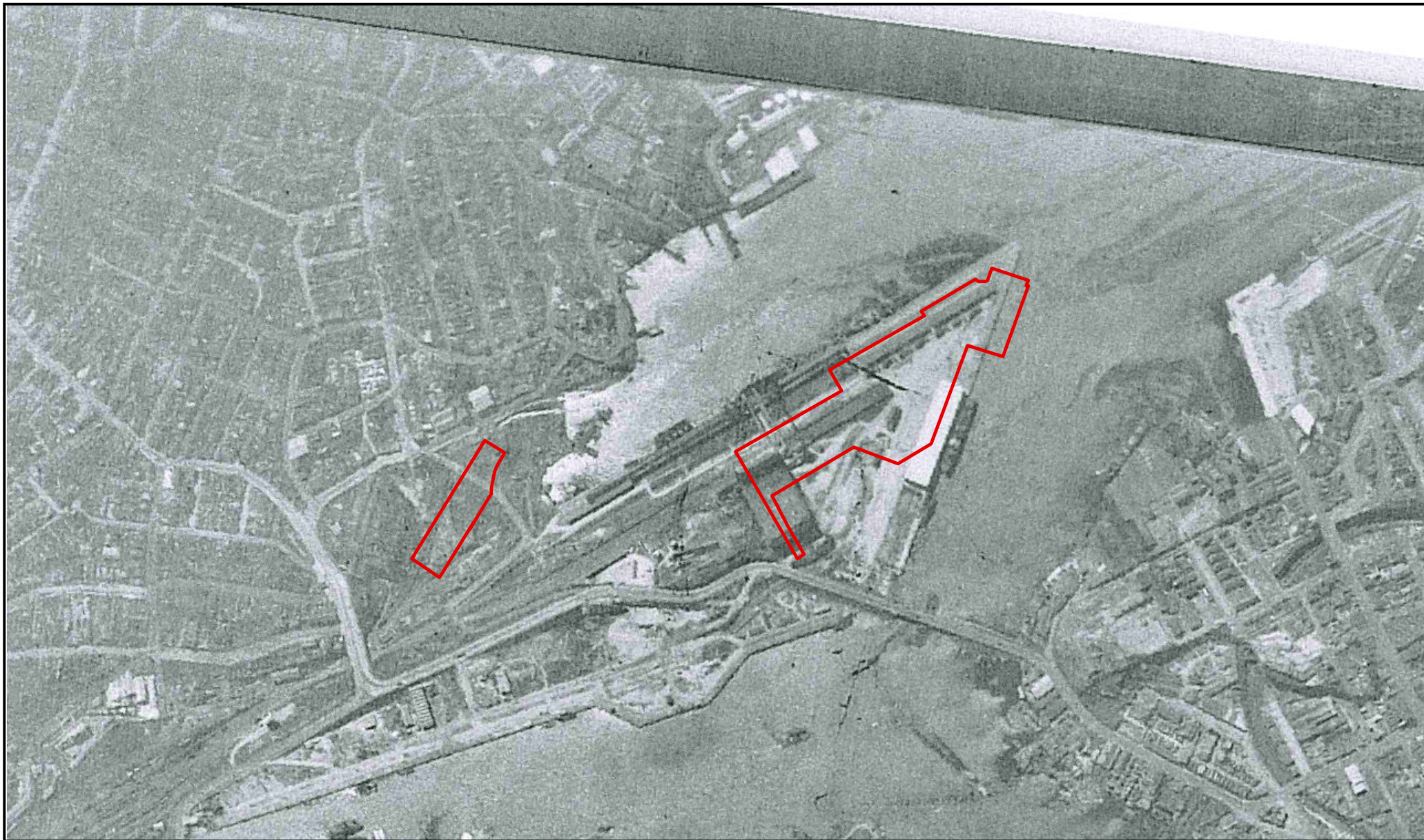
### Drillers Log [\(top\)](#)

FROM	TO	THICKNESS	DESC	GEO-MATERIAL	COMMENT
0.00	0.29	0.29	CONCRETE PAVEMENT		
0.29	2.20	1.91	FILL.SILTY SAND,SILTY GRAVEL		
2.20	5.30	3.10	SILTY SAND,SHELL FRAGMENTS		
5.30	6.00	0.70	SILTY CLAY,ORANGE BROWN		

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## **Appendix C**

### **Aerial Photographs**



Source: Base Image - Department of Lands, Sydney, 6-03-1930, Map 342

© 2012 JBS Environmental Pty Ltd

0 85 170 340 m			
Scale: 1:8,000			
Datum: GDA 1994 MGA Zone 56 - AHD			
A4			
A	Original Issue - Aerials	SE	18-09-2012
Rev	Description	Dm.	Date:

Legend:  
— Approximate Site Boundary



**Figure: Rozelle, March 1930, Map 342**

Client: APP Corporation Pty Ltd

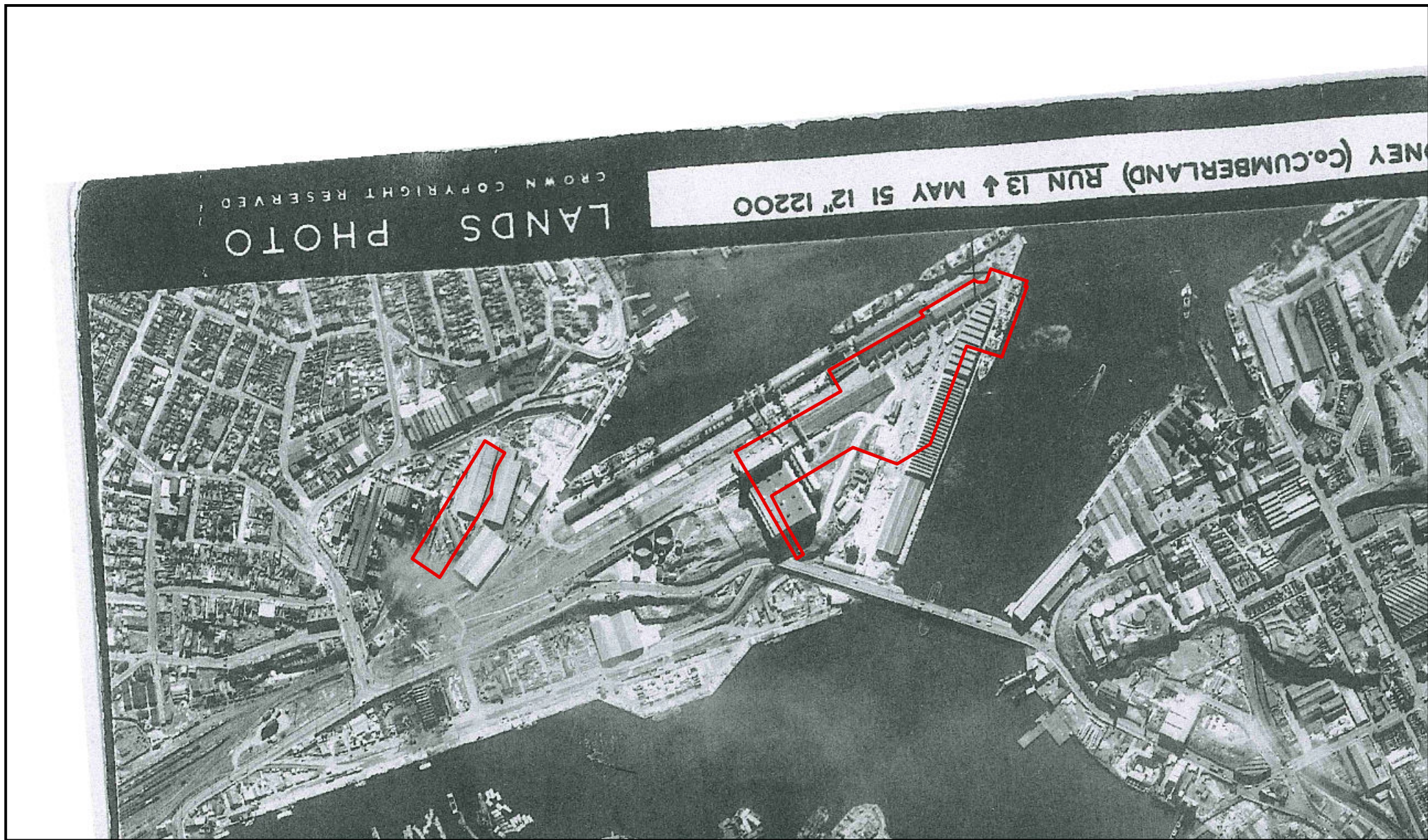
Project: SICEEP Interim Facility, Sydney NSW

Job No: 42394

File Name: 42394\_1930







Source: Base Image - Department of Lands, Sydney, 05-1951, Run 13

© 2012 JBS Environmental Pty Ltd

0 85 170 340 m			
Scale: 1:8,000			
Datum: GDA 1994 MGA Zone 56 - AHD			
A4			
A	Original Issue - Aerials	SE	18-09-2012
Rev	Description	Dm.	Date:

Legend:  
— Approximate Site Boundary



**Figure: Rozelle, May 1951,  
Run 13**

Client: APP Corporation Pty Ltd

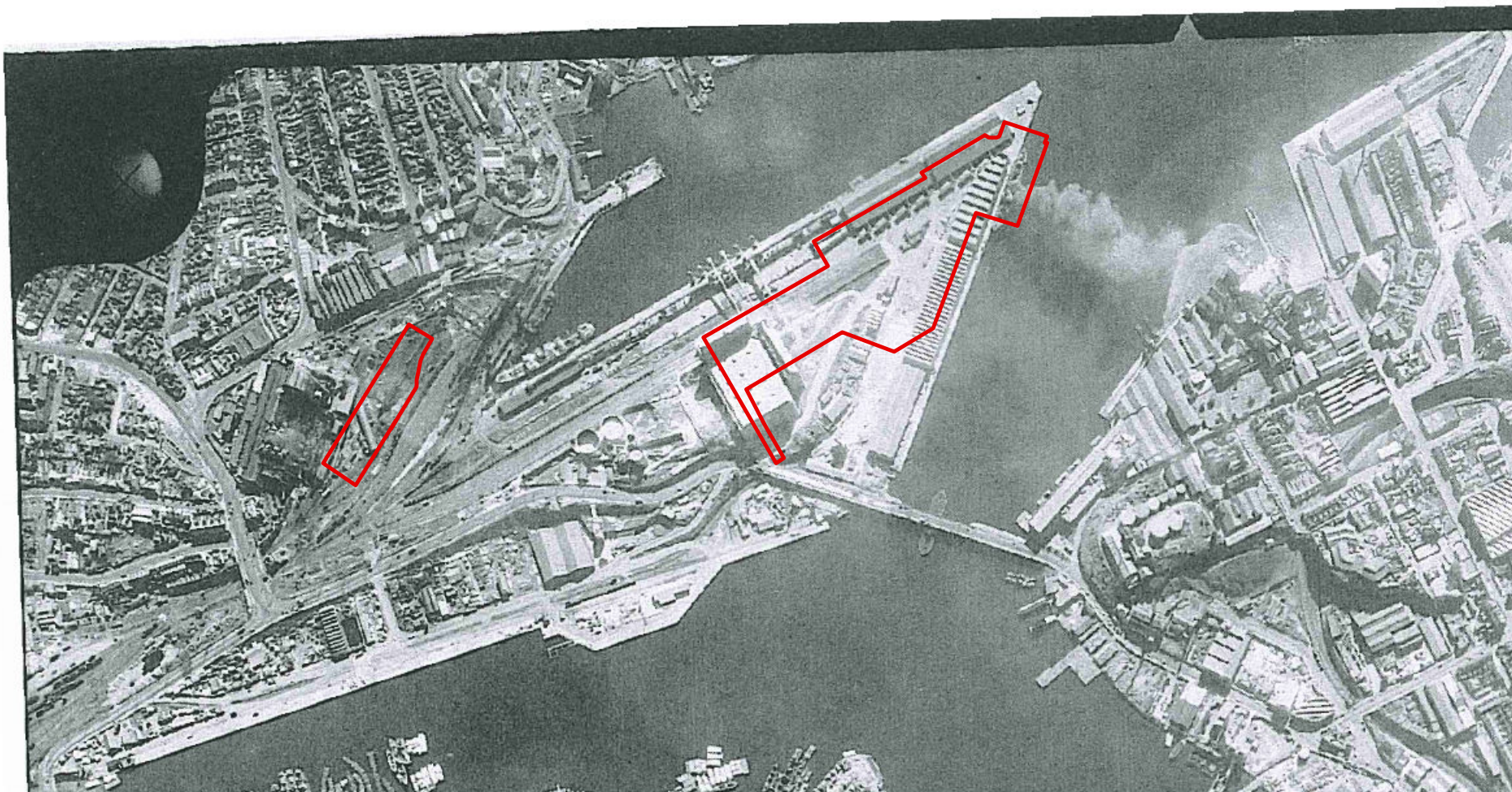
Project: SICEEP Interim Facility, Sydney NSW

Job No: 42394

File Name: 42394\_1951







Source: Base Image - Department of Lands, Sydney, 6-08-1955, Run 22

© 2012 JBS Environmental Pty Ltd

0 85 170 340 m			
Scale: 1:8,000			
Datum: GDA 1994 MGA Zone 56 - AHD			
A4			
A	Original Issue - Aerials	SE	18-09-2012
Rev	Description	Dm.	Date:

Legend:  
— Approximate Site Boundary



**Figure: Rozelle, August 1955,  
Run 22**

Client: APP Corporation Pty Ltd

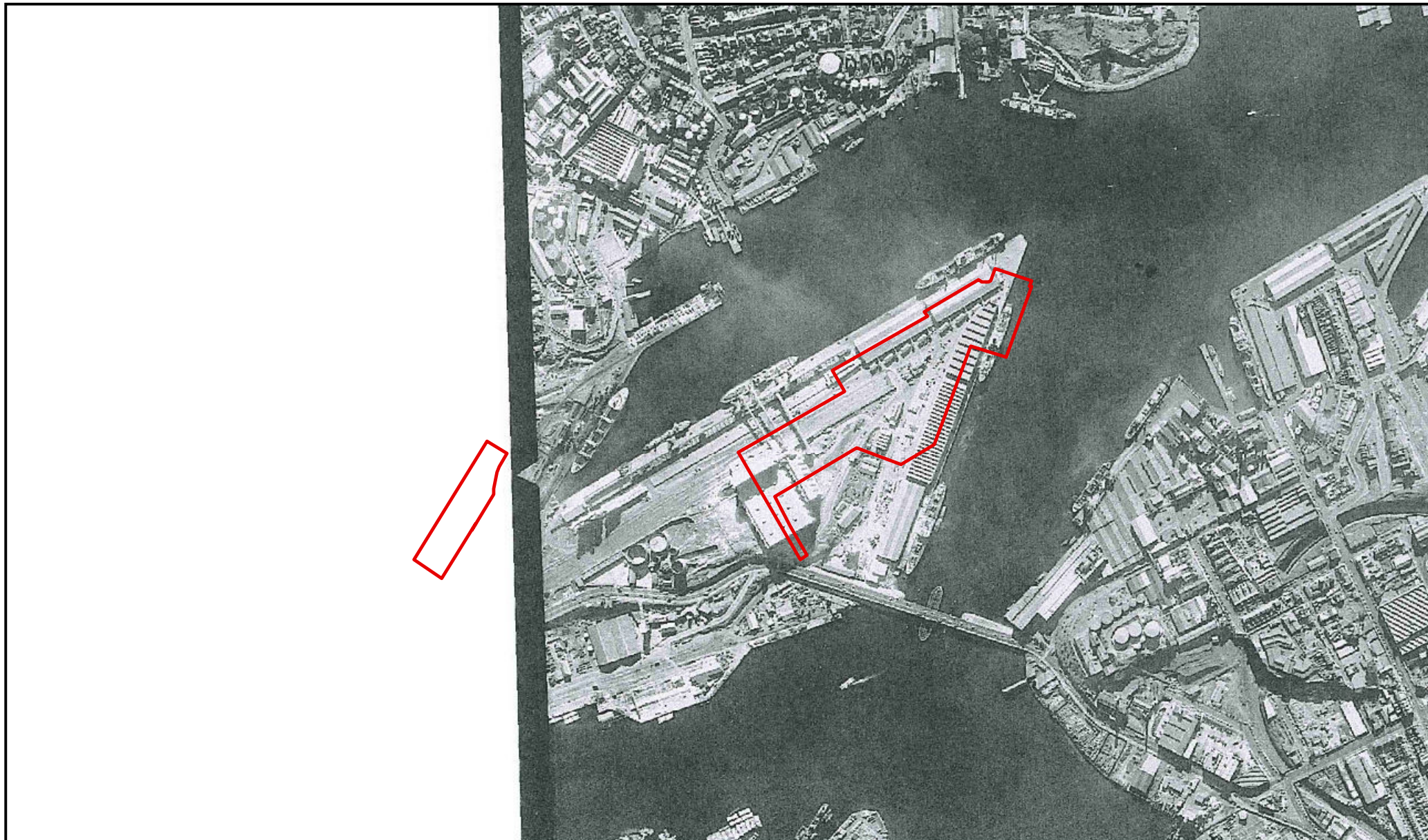
Project: SICEEP Interim Facility, Sydney NSW

Job No: 42394

File Name: 42394\_1955







Source: Base Image - Department of Lands, Cumberland Series, 1961, Run 34

© 2012 JBS Environmental Pty Ltd

0 85 170 340 m			
Scale: 1:8,000			
Datum: GDA 1994 MGA Zone 56 - AHD			
A4			
A	Original Issue - Aerials	SE	18-09-2012
Rev	Description	Dm.	Date:

Legend:  
— Approximate Site Boundary



Figure: Rozelle, 1961, Run 34

Client: APP Corporation Pty Ltd

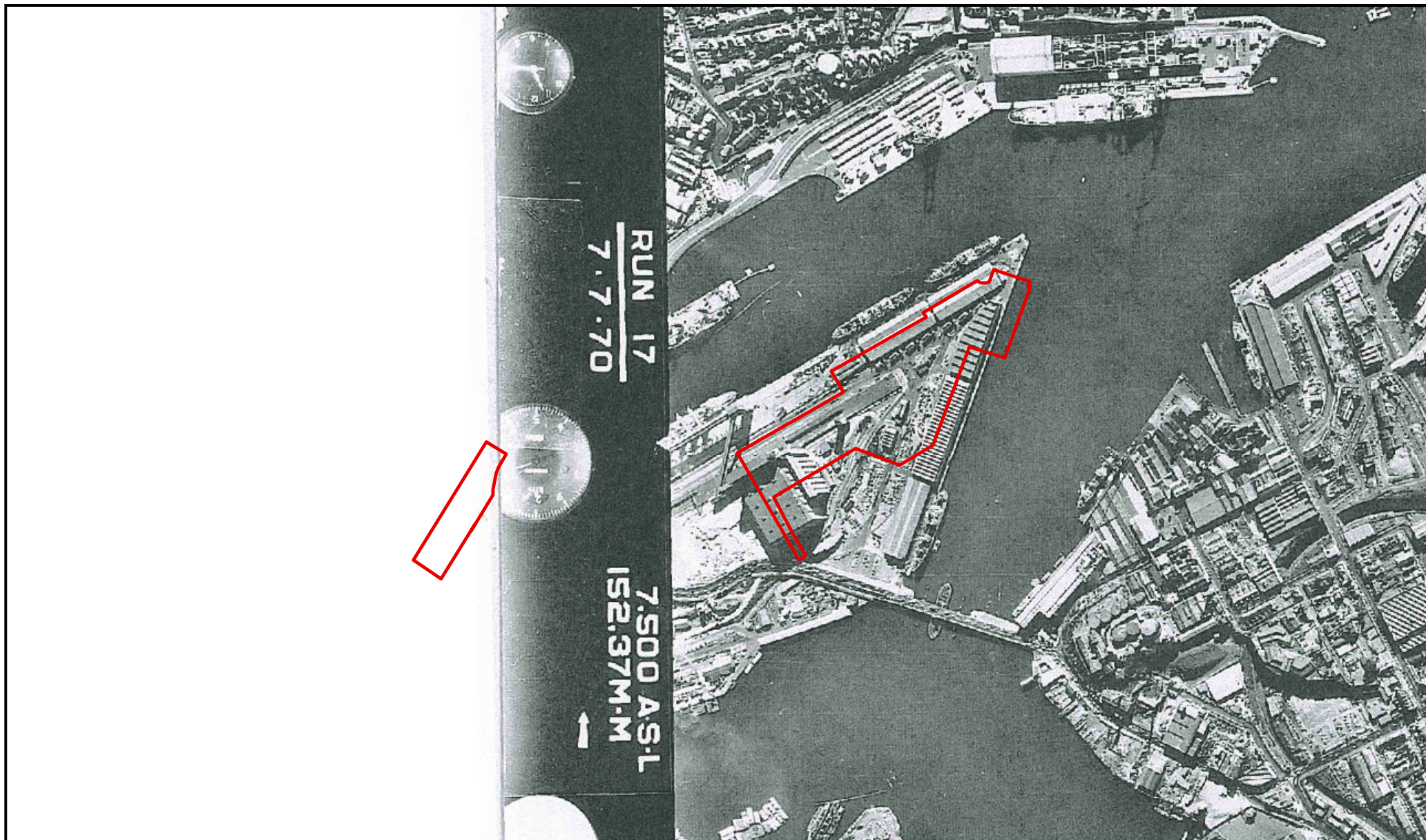
Project: SICEEP Interim Facility, Sydney NSW

Job No: 42394

File Name: 42394\_1961







Source: Base Image - Department of Lands, Sydney, 7-07-1970, Run 17

© 2012 JBS Environmental Pty Ltd

0 85 170 340 m			
Scale: 1:8,000			
Datum: GDA 1994 MGA Zone 56 - AHD			
A4			
A	Original Issue - Aerials	SE	18-09-2012
Rev	Description	Drm.	Date:

Legend:  
— Approximate Site Boundary



**Figure: Rozelle, July 1970, Run 17**

Client: APP Corporation Pty Ltd

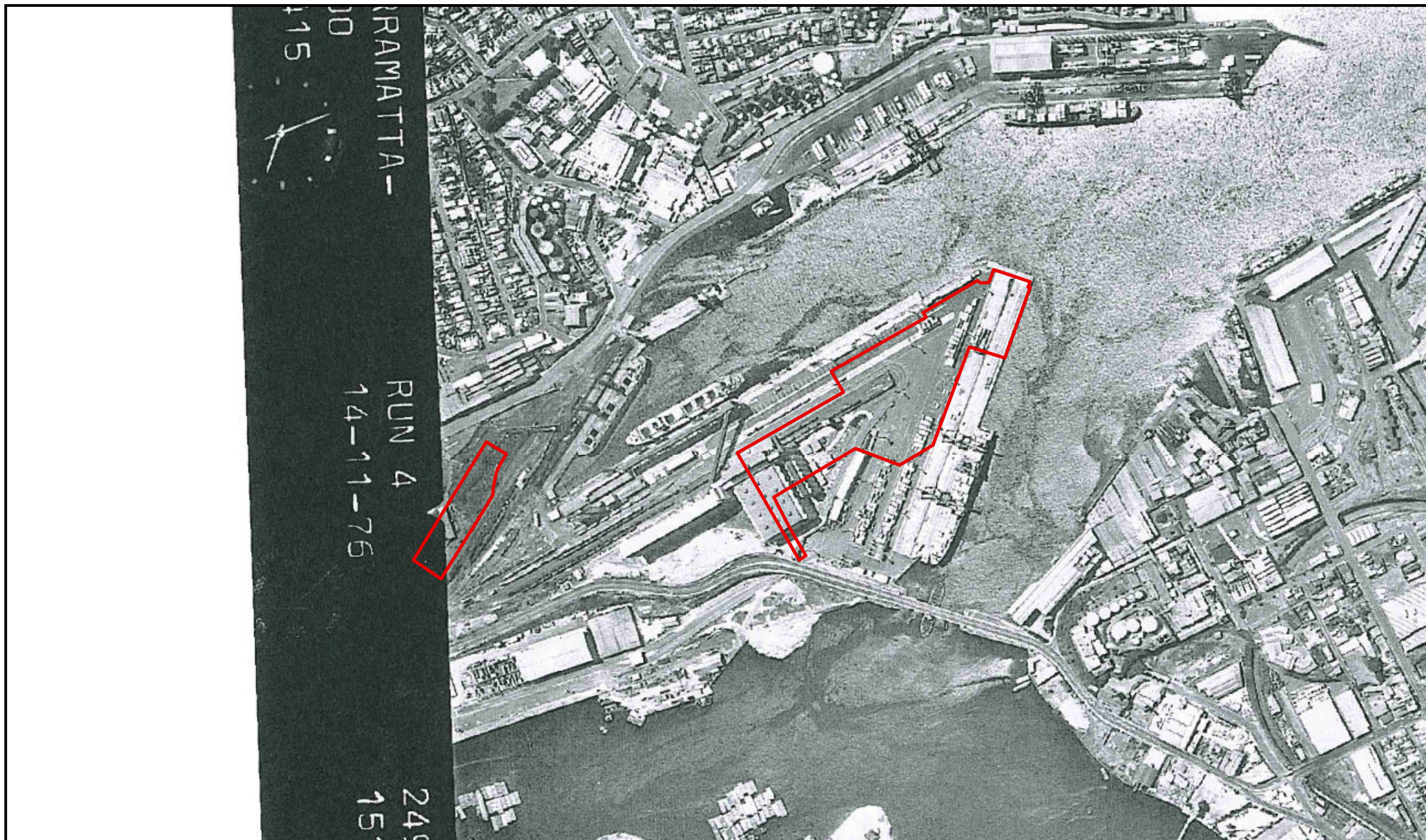
Project: SICEEP Interim Facility, Sydney NSW

Job No: 42394

File Name: 42394\_1970







Source: Base Image - Department of Lands, Sydney, 14-11-1976, Run 4

© 2012 JBS Environmental Pty Ltd

0 85 170 340 m			
Scale: 1:8,000			
Datum: GDA 1994 MGA Zone 56 - AHD			
A4			
A	Original Issue - Aerials	SE	18-09-2012
Rev	Description	Dm.	Date:

Legend:  
— Approximate Site Boundary



**Figure: Rozelle, November 1976, Run 4**

Client: APP Corporation Pty Ltd

Project: SICEEP Interim Facility, Sydney NSW

Job No: 42394

File Name: 42394\_1976







Source: Base Image - Department of Lands, Sydney, 9-08-1982, Run 22

© 2012 JBS Environmental Pty Ltd

0 85 170 340 m			
Scale: 1:8,000			
Datum: GDA 1994 MGA Zone 56 - AHD			
A4			
A	Original Issue - Aerials	SE	18-09-2012
Rev	Description	Dm.	Date:

Legend:  
— Approximate Site Boundary



**Figure: Rozelle, August 1982,  
Run 22**

Client: APP Corporation Pty Ltd

Project: SICEEP Interim Facility, Sydney NSW

Job No: 42394

File Name: 42394\_1982







Source: Base Image - Department of Lands, Sydney, 14-08-1991, Run 10

© 2012 JBS Environmental Pty Ltd

0 85 170 340 m			
Scale: 1:8,000			
Datum: GDA 1994 MGA Zone 56 - AHD			
A4			
A	Original Issue - Aerials	SE	18-09-2012
Rev	Description	Drm.	Date:

Legend:  
— Approximate Site Boundary



**Figure: Rozelle, August 1991, Run 10**

Client: APP Corporation Pty Ltd

Project: SICEEP Interim Facility, Sydney NSW

Job No: 42394

File Name: 42394\_1991







Source: Base Image - Department of Lands, Sydney, 4-10-1994, Run 10

© 2012 JBS Environmental Pty Ltd

0 85 170 340 m			
Scale: 1:8,000			
Datum: GDA 1994 MGA Zone 56 - AHD			
A4			
A	Original Issue - Aerials	SE	18-09-2012
Rev	Description	Dm.	Date:

Legend:  
— Approximate Site Boundary



**Figure: Rozelle, October 1994, Run 10**

Client: APP Corporation Pty Ltd

Project: SICEEP Interim Facility, Sydney NSW

Job No: 42394

File Name: 42394\_1994







Source: Base Image - Department of Lands, Sydney, 10-12-2005, Run 10

© 2012 JBS Environmental Pty Ltd

0 85 170 340 m			
Scale: 1:8,000			
Datum: GDA 1994 MGA Zone 56 - AHD			
A4			
A	Original Issue - Aerials	SE	18-09-2012
Rev	Description	Dm.	Date:

Legend:  
— Approximate Site Boundary



**Figure: Rozelle, December 2005, Run 10**

Client: APP Corporation Pty Ltd

Project: SICEEP Interim Facility, Sydney NSW

Job No: 42394

File Name: 42394\_2005





## **Appendix D**

### **EPA Records**



You are here: [Home](#) > [Contaminated land](#) > [Record of notices](#)

## Search results

Your search for: LGA: Leichhardt Municipal Council

Matched 55 notices  
relating to 7 sites.

[Search Again](#)[Refine Search](#)

Suburb	Address	Site Name	Notices related to this site
Balmain	Hyam, Foy, Reynolds, Palmer, Booth Street	<a href="#">Former Unilever Detergent Factory</a>	18 former
Leichhardt	Between Derbyshire Road and Balmain Road	<a href="#">Former SRA Site</a>	4 former
Rozelle	Reynolds and Buchanan Streets	<a href="#">Ampol Balmain</a>	8 former
Rozelle	Terry Street	<a href="#">Balmain Power Station</a>	5 former
Rozelle	35 Terry Street	<a href="#">Former Chemplex Factory</a>	10 former
Rozelle	Reynolds Street	<a href="#">Former Unilever Sulphonation Plant</a>	4 former
Rozelle	Robert Street	<a href="#">White Bay Power Station</a>	7 former

Page 1 of 1

24 September 2012

Rate  
this  
site



Environment  
& Heritage



You are here: [Home](#) > [Contaminated land](#) > [Record of notices](#)

Site and notice details

Your search for:      Notice No. or Area No.:      notice on site were matched.

[Return to list of search results](#)

Search Again

Refine Search

Area No: 3007

The information below was correct at the time the notices were issued.

**Site:** Former Unilever Detergent Factory  
**Address:** Hyam, Foy, Reynolds, Palmer, Booth Street, Balmain, 2041  
**LGA:** Leichhardt Municipal Council

Occupier: Meriton Apartments

VOL 783 FOL 141	VOL 7406 FOL 214	VOL 4536 FOL 150	VOL 3089 FOL 36	VOL 2872 FOL 181	VOL 2376 FOL 152
VOL 6151 FOL 17	VOL 1888 FOL 107	VOL 1332 FOL 57	VOL 11170 FOL 115	VOL 9865 FOL 86	VOL 897 FOL 118
Lot 7 DP 789	Lot B DP 20252	Lot F DP 20252	Lot G DP 20252	Lot 1 DP 55591	Lot 1 DP 55592
Lot 1 DP 58075	Lot 1 DP 62383	Lot 1 DP 62384	Lot 1 DP 65250	Lot 1 DP 65994	Lot 1 DP 66249
Lot 2 DP 70561	Lot 6 DP 172070	Lot 1 DP 216405	Lot 2 DP 216405	Lot 1 DP 218887	Lot 2 DP 218887
Lot A DP 327763	Lot B DP 327763	Lot A DP 444443	Lot B DP 444443	Lot 541 DP 752049	Lot 1 DP 789544
Lot 1 DP 790103	Lot 1 DP 795621	Lot 2 DP 795621	Lot 1 DP 795622	Lot 2 DP 795622	Lot 2 DP 801399
Lot 1 DP 910727	Lot 1 DP 918660	Lot 1 DP 918906	Lot 1 DP 918907	Lot 1 DP 937959	Lot 1 DP 980198

Notices relating to this site (0 current and 18 former)

(Map) where available, maps show the part of the site affected by the notice

Notice recipient	Notice type & number	Status	Date
Meriton Apartments Pty Ltd	EHC Act Revocation Notice <a href="#">432</a>	Former	Issued 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">372</a>	Former	Issued 25 Feb 1994 Revoked 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">329</a>	Former	Issued 07 Jan 1993 Revoked 25 Feb 1994
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">328</a>	Former	Issued 03 Dec 1992 Revoked 25 Feb 1994
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">326</a>	Former	Issued 02 Oct 1992 Revoked 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">307</a>	Former	Issued 09 Jun 1992 Revoked 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">279</a>	Former	Issued 12 Nov 1991 Revoked 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">195</a>	Former	Issued 05 Dec 1990 Revoked 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">194</a>	Former	Issued 27 Nov 1990 Revoked 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">191</a>	Former	Issued 22 Nov 1990 Revoked 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">190</a>	Former	Issued 01 Nov 1990 Revoked 24 Jan 1997



			Revoked 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">188</a>	Former	Issued 25 Oct 1990 Revoked 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">187</a>	Former	Issued 22 Oct 1990 Revoked 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">189</a>	Former	Issued 21 Oct 1990 Revoked 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">185</a>	Former	Issued 12 Sep 1990 Revoked 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">181</a>	Former	Issued 01 Aug 1990 Revoked 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">175</a>	Former	Issued 03 Jul 1990 Revoked 24 Jan 1997
Vanadi Pty Ltd	Section 35 EHC Act Order <a href="#">170</a>	Former	Issued 16 May 1990 Revoked 24 Jan 1997

25 September 2012

**Registered Post**

Meriton Apartments Pty Ltd  
Level 5 Museum Towers  
267-277 Castlereagh Street  
SYDNEY NSW 2000

(Attention: Mr Phillip Martin)

Notice # 432 / 3007

24 JAN 1997

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

**Whereas:-**

Meriton Apartments Pty Ltd is the occupier of premises bounded by Palmer, Foy and Reynolds Streets at Balmain (generally known as the old Unilever site), comprising Lot and DP numbers as listed in Attachment 1.

The premises have been used for a prescribed activity, namely the act of manufacturing and processing of chemicals or chemical waste or any activities related to such acts. The premises were deemed to be contaminated by reason of their being affected by chemical waste which included heavy metals and hydrocarbons such as to render them environmentally degraded.

The EPA has received the following reports in which the consultant confirms that the directions have been carried out in accordance with the previous Section 35 Notice:

(1) *Remediation of Areas A & B, Vanadi Site; Balmain for Leda Holdings Pty Ltd* (dated August 1995) by Thiess Environmental Services Pty Ltd; and

(2) *Stage 1 Validation Report, Remediation at the Vanadi Site, Balmain* (dated 17 September 1996) and *Stage 2 Validation Report, Remediation of Areas C & D at the Vanadi Site, Balmain* (1 October 1996) both by Longmac Environmental Pty Limited; in conjunction with a letter addressed to the EPA from Longmac Environmental Pty Ltd titled *Validation of Vanadi Site, Balmain* dated 28 October 1996.

**Take Notice that:-**

In accordance with the powers vested in the Environment Protection Authority (EPA) by the provisions of Part 5 of the Environmentally Hazardous Chemicals Act 1985, the EPA hereby revokes all previous Section 35 Notices issued in relation to this property, being Section 35 Notice Numbers 170 (16/5/90); 175 (3/7/90); 181 (1/8/90); 185 (2/9/90); 189 (21/10/90); 187 (22/10/90); 188 (25/10/90); 190 (1/11/90); 191 (22/11/90); 194 (27/11/90); 195 (5/12/90); 279 (12/11/91); 307 (9/6/92); 326 (2/10/92); 328 (3/12/92); 329 (7/1/93); and 372 (25/2/94).

**NEIL SHEPHERD**  
**Director-General**

**24 JAN 1997**

(signed)  
CATHY DYER  
**Manager Contaminated Sites**  
**by Authorisation**

cc. Regional Manager Inner Sydney, EPA  
cc. Register of Section 35 Notices  
cc. General Manager Leichhardt Council

Encl. Attachment `

**ATTACHMENT 1**

Definition of Premises under this Notice:

DP - B/20252  
DP - F/20252  
DP - G/20252

DP - 1/55592  
DP - 1/58075  
DP - 1/62383  
DP - 1/62384  
DP - 1/65250  
DP - 1/66249  
DP - 1/65994  
DP - 2/70561  
DP - 1/216405  
DP - 2/216405  
DP - 1/218887  
DP - 2/218887  
DP - 1/789544  
DP - 1/790103  
DP - 2/801399  
DP - 1/910727  
DP - 1/937959  
Vol - 2872 Folio - 181  
Vol - 6151 Folio - 17  
Vol - 897 Folio - 118  
Vol - 1888 Folio - 107  
Vol - 3089 Folio - 36  
DP - 7/789  
DP - 6/172070  
DP - A/444443  
DP - B/444443  
DP - 541/752049  
DP - 1/980198  
DP - 1-2/795622  
DP - B/327763  
DP - 1-2/795621  
DP - 1/918660  
DP - 1/918906  
DP - 1/918907  
Vol - 11170 Folio - 115  
Vol - 7406 Folio - 214  
Vol - 9865 Folio - 86  
A/327763  
Vol - 2376 Folio - 152  
Vol - 1332 Folio - 57  
Vol - 783 Folio - 141  
Vol - 4536 Folio - 150

**Certified Mail**

The Chief Executive  
Vanadi Pty, Limited  
C/- J.R. Thomas & Co  
285 George Street  
SYDNEY NSW 2000

400125D1 PW:MZ  
6WA-MISC-PWO1

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985  
NOTICE UNDER SECTION 35**

**WHEREAS:**

1. Vanadi Pty Limited is the occupier of premises:
- 1.1 located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Palmer Street, Buchanan Street and Robert Street.
  - 1.2 contaminated by the use of hazardous chemicals including asbestos and polychlorinated biphenyls (P.C.B.) wastes.
  - 1.3 deemed to be contaminated by reason of their being environmentally degraded.
2. Vanadi Pty Limited is currently demolishing the Unilever site for possible future development.
3. The Commission has been informed that the decontamination of the site involves:
- (1) removal of asbestos;
  - (2) removal of chemical wastes, e.g. polychlorinated biphenyls (P.C.B.) wastes; and
  - (3) decontamination of soil possibly contaminated with chemical wastes.

**TAKE NOTICE THAT:**

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the Commission directs that:

- (1) All work carried out on this contaminated area of these premises with the intention, or having the effects, of:
- (a) reducing the contamination of this area;
  - (b) restoring or rehabilitating this area; or
  - (c) removing, or disposal of any soil, rock, water or other solid or liquid material of any kind from this area.

which would result in the disturbance of any land on the premises, shall be carried out only

after prior notice to the Commission and in accordance with an approval, in writing, given by the Commission.

- (2) Where the premises to which this notice relates is to be sold, or responsibility for the premises otherwise relinquished, and the occupier is also the owner of such premises, the occupier shall inform, in writing, any intending purchaser or occupier of the conditions of this notice, during negotiations for the sale or transfer of the premises.
- (3) (a) Where the occupier of the premises intends or is advised that the premises are to be sold, or that occupancy of the premises is to be transferred, the occupier shall notify the Commission, in writing, of the impending sale or transfer and, where it may be advised, of the name of the prospective owner or occupier, subject to clause 3(b), at least one month prior to the date of impending sale or transfer; and
- (b) Where such intention is formed or advice is given within one month of the intended sale or transfer of the premises, the occupier shall notify the Commission, in writing, immediately after such intention is formed or advice is given.

PETER STANDEN  
Director

-  
Per (signed) 16 May 1990  
LIZ HURST  
(Deputy Manager, Central Region  
by Authorisation)

**CERTIFIED MAIL**  
MANAGING DIRECTOR  
VANADI Pty Ltd  
321 Pacific Highway  
NORTH SYDNEY NSW 2060  
Attn Mr Anthony Rice

400125D3

Contact: Jenni Bowly

Section 35 Notice # 372

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

Direction for Remediation

**WHEREAS:-**

- A. You, Vanadi Pty Ltd, are the occupier of premises located at Balmain and bounded by Reynolds Street, Foy Street, Booth Street (generally known as the old Unilever site). The site is as defined by the attached list of Lot and D.P. numbers;
- B. The premises have been or are being used for or in connection with the carrying on of a prescribed activity, namely an act of manufacturing, processing, keeping, distributing, conveying, using, selling or disposing of a chemical or chemical waste or any activities related to such acts;
- C. The premises are reasonably believed to be affected by heavy metals and hydrocarbons as a consequence of the carrying on of the prescribed activity;
- D. The premises are deemed to be contaminated because they are environmentally degraded as a consequence of being affected by the chemical wastes described in clause C.

**TAKE NOTICE THAT:-**

In accordance with the powers vested in the Environment Protection Authority (EPA) by the provisions of the Environmentally Hazardous Chemicals Act, 1985, the EPA directs that:

- 1. the s35 notices for Areas A and B, and Areas C and D, issued on the 7th January 1993 and the 3rd December 1992, respectively have hereby been revoked;
- 2. the EPA grants approval for remediation works to be undertaken to reduce or remove the contamination that presently exists on the entire site;

3. remediation works shall adhere to the specifications in the report "Vanadi Site Balmain - Remedial Validation Plan" prepared by Thiess Environmental Services (1993).
4. if the actual volume of soil to be taken off-site exceeds 8500m<sup>3</sup>, then the occupier shall seek formal approval from the EPA for continuation of all site works;
5. a detailed work plan and a schedule of works outlining key program dates shall be presented to the EPA at least one week prior to the commencement of any remediation works;
6. approval for the works described, including licensing for discharges under the Pollution Control Act (1970), and licensing of the site under the Waste Disposal Act (1970), will be required from the EPA Inner Sydney Region (Contact: Mr Rob Pearson - ph 795 5145), and no works shall take place prior to obtaining the necessary approvals and licenses.
7. the remediation works, outlined in clause 3, shall be completed within twelve months of the issuing date of this notice. If any extensions of time are considered necessary, an application in writing must be submitted to the EPA two weeks prior to the conclusion of this notice.

**TAKE NOTE THAT:-**

The role of the Authority is regulatory. Any advice required by you must be obtained as a result of your own independent inquiries.

This Notice does not derogate from the provisions of any relevant Environmental Planning Instrument which may control the use of land on which the premises are located or from any other Act administered by the Authority.

If you neglect or fail to comply with this notice, you may be prosecuted for breaching section 35(1) of the Environmentally Hazardous Chemicals Act.

NEIL SHEPHERD  
Director-General

(signed) 28/2/94  
per **Errol Samuel**  
**Director Hazardous Substances**  
**by Authorisation**

Attachment: Definition of premises directed under this notice.

c.c. Regional Manager Inner Sydney Region (EPA)  
c.c. Town Clerk, Leichhardt Municipal Council  
c.c. Register of Section 35 Notices

**ATTACHMENT**

## Definition of Premises directed under this notice.

DP B/20252	DP 7/789
DP F/20252	DP 6/172070
DP G/20252	DP A/444443
DP 1/55591	DP B/444443
DP 1/58075	DP- 541/752049
DP 1/62383	DP 1/980198
DP 1/62384	AUTO CONSOL 8631 162
DP 1/65250	AUTO CONSOL 8631 161
DP 1/66249	DP 1/918660
DP 1/65994	DP 1/918906
DP 2 /70561	DP 1/918907
DP 1/216405	Vol 11170 Folio 115
DP 2/216405	Vol 7406 Folio 214
DP 1/218887	Vol 9865 Folio 86
DP 2 /218887	A/327763
DP 1/789544	Vol 2376 Folio 152
DP 1/790103	Vol 1332 Folio 57
DP 2/801399	Vol 782 Folio 141
DP 1/910727	Vol 4536 Folio 150
DP 1/937959	Vol 897 Folio 118
Vol 2872 Folio 181	~Vol 1888 Folio 107
Vol 6151 Folio 17	Vol 3089 Folio 36



CERTIFIED MAIL  
MANAGING DIRECTOR  
VANADI Pty Ltd  
NORTH SYDNEY NSW 2060

400125D3

Contact: Jenni Bowly

Section 35 Notice Number 329

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

**Direction for Remediation of Areas A & B**

WHEREAS:-

- A. You, Vanadi Pty Ltd, are the occupier of premises located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Buchannan Street, Booth Street and Robert Street, (generally known as the Old Unilever Site). The site is as defined by the attached list of Lot and D.P. numbers;
- B. The premises have been or are being used for or in connection with the carrying on of a prescribed activity, namely an act of manufacturing, processing, keeping, distributing, conveying, using, selling or disposing of a chemical or chemical waste or any act related to such act;
- C. The premises are reasonably believed to be affected by heavy metals and hydrocarbons as a consequence of the carrying on of the prescribed activity;
- D. The premises are deemed to be contaminated because they are environmentally degraded as a consequence of being affected by the chemical wastes described in Clause C.

TAKE NOTICE THAT:-

In accordance with the powers vested in the Environment Protection Authority by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the Environment Protection Authority (EPA) directs that:

- 1. the EPA grants approval for remediation works to be undertaken to reduce or remove the contamination that presently exists in Areas A and B of the site. (Areas A and B of the old Unilever Factory Site are accepted as defined in the Johnstone Environmental Technology Reports "Environmental Audit of Soil Contamination in Area A of the old Unilever Factory Site, Reynolds Street, Balmain" (JET 0100-61/AMA March, 1991), and "Soil Contamination Assessment of Area B of the old Unilever Factory Site, Reynolds Street, Balmain" (JET 0100-77/AMA July 1991) respectively;
- 2. remediation works shall adhere to the specification of the off-site disposal option as outlined in the Theiss Statement titled "Off-Site Disposal Option Site Remediation, Vanadi Site, Balmain" as in Appendix A;
- 3. you as Occupier shall ensure that, during the remediation works, the Factors for Consideration as listed in Part 7, Section 56 of the Environmental Planning and Assessment Regulation 1980, as in Appendix B, will not be violated;
- 4. if the actual volume of soil to be taken off-site exceeds 3,500m<sup>3</sup>, which is the proposed volume of soil to be taken off-site, by more than fifty per cent, then the Occupier shall see formal approval from the relevant Authorities for continuation of all site works;
- 5. a schedule of works outlining key programme dates shall be presented to the EPA at least one week prior to the commencement of any remediation works;
- 6. A copy of the "specifications document" for remediation works to be undertaken at the old Unilever Site shall be made available to the EPA at least one week prior to the commencement of any remediation works;

7. approval for the works described, including licensing for discharges under the Pollution Control Act (1970), and licensing of the site as a generator of waste under the Waste Disposal Act (1970), will be required from the EPA Inner-Sydney Region, and no works shall take place prior to obtaining the necessary Approvals and Licences.
8. the remediation works, outlined in Clause 2, shall be completed within six months of the issuing date of this Notice. If any extensions in time are considered necessary, an application in writing must be submitted to the EPA two weeks prior to the conclusion of this six months operation period. This approval is valid only for this six month period.

The role of the Authority is regulatory. Any advice required by you must be obtained as a result of your own independent inquiries.

This Notice does not derogate from the provisions of any relevant Environmental Planning Instrument which may control the use of land on which the premises are located or from any other Act administered by the Authority.

Failure to comply with this notice may result in proceedings being commenced under section 57 of the Environmentally Hazardous Chemicals Act to remedy or restrain a breach of the directions given herein. The Authority retains the right to commence a prosecution for any offence committed under any Pollution Control Act. You are advised that it is an offence if an occupier, without lawful authority, wilfully or negligently disposes of a waste or causes any substance to leak, spill or otherwise escape in a manner which harms or is likely to harm the environment pursuant to Sections 5 and 6 of the Environmental Offences and Penalties Act, 1989. The maximum penalty is one million dollars.

NEIL SHEPHERD  
Director-General

Per (signed) 7/1/93  
PETER HENRY  
Acting Director  
Hazardous Substances Branch  
by Authorisation

Attachment: Definition of Premises Directed Under this Notice.

Appendix A: Theiss Statement titled "Off-Site Disposal Option, Site Remediation, Vanadi Site, Balmain"

Appendix B: Environmental Planning and Assessment Regulation 1980; Part 7; Section 56

cc: Regional manager, Inner Sydney Region  
cc: Town Clerk, Leichhardt Municipal Council  
cc: Department of Planning, Attention Mr A Boss  
cc: Register of Section 35 Notices

Definition of Premises Under Section 35 Notice # 329

LOT	D.P.	LOT	D.P.	LOT	D.P.
1	905406	7	789	Part 4 s.4 of Balmain Estate	
5,6,8-16 inc.	789	1	62384	1	62383
1	65250	1	66994	1	66249
3 and part of reserve Lot 1 in DP 724794	789	1	937959	1	70561
1 & 2	722215	a) 1 & b) 2	70826 70647	6 & part 7	114 (now in 172070)

a) Part 7&8 b) Part LotB in trans. C194970	114	Lot A in Plan lodged with transfer C104970	part lots 3&4	114
Lots B,D,E,F&G	20252	Lots A & B in Plan lodged with transfer H130866	Lots 1&2	216405
Lots 1&2	218887	Part: a) lot1 of S.4 of the Balmain Est. b) Lot 10	a) – b) 144	Part lot 5 lodged w. trans. 40951

## **APPENDIX A**

### **THEISS** **OFF-SITE DISPOSAL OPTION** **SITE REMEDIATION** **VANADI SITE, BALMAIN**

The application of an off-site disposal remediation option for the Vanadi Site at Balmain offers several benefits to the local community and to the client, Leda Holdings. While the cost relative to on-site containment is some 20% more expensive, this extra cost is off-set by the following advantages for off-site disposal:

- Eliminates the need for double handling and stockpiling of soil. This in turn leads to a reduction in dust generation and a reduction in total noise generated from earthmoving equipment.
- Reduces truck operating hours on site from some 400 hours to less than 100 hours.
- reduces the time for the excavation phase of the project from some 11 working days to about 7 working days.
- Eliminates the risk associated with future failure of the on-site containment system and eliminates the need to monitor for containments leaking from the system.
- Completely removes all contaminated materials from the Balmain area. There will be no requirement for the local council to accept on-going responsibility for the area of the containment system.

Besides the marginal increase in cost, the only disadvantage to the off-site disposal option is the increased truck traffic. However, this should not have a significant impact on local residents as the major truck route out to Victoria Road via Robert Street can be reached without travelling through residential areas of Balmain. The truck traffic will average some 6.5 trucks per hour arriving and leaving the site with each truck present on the site some 10-15 minutes per trip. This is actually an improvement for residents near the site relative to five trucks on site all day for 11 working days under the option to contain materials on-site.

**CERTIFIED MAIL**

MANAGING DIRECTOR  
VANADI, Pty Ltd  
321 Pacific Highway  
NORTH SYDNEY NSW 2060

Attn Mr A Rice

Our Reference: 400125D3

Contact: Marc Salmon

Notice Number 328

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

Direction for Remediation of Areas C & D

WHEREAS:-

- A. You, Vanadi Pty Ltd, are the occupier of premises located at Balmain and Bounded by Reynolds Street, Foy Street, Hyam Street, Buchanan Street, Booth Street and Robert Street, (generally known as the Old Unilever Site). The site is as defined by the attached list of Lot and D.P. numbers;
- B. The premises have been or are being used for or in connection with the carrying on of a prescribed activity, namely an act of manufacturing, processing, keeping, distributing, conveying, using, selling or disposing of a chemical or chemical waste or any act related to such act;
- C. The premises are reasonably believed to be affected by heavy metals and hydrocarbons as a consequence of the carrying on of the prescribed activity;
- D. The premises are deemed to be contaminated because they are environmentally degraded as a consequence of being affected by the chemical wastes described in Clause C.

TAKE NOTICE THAT:-

In accordance with the powers vested in the Environment Protection Authority by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the Environment Protection Authority (EPA) directs that:

1. the EPA grants approval for remediation works to be undertaken to reduce or remove the contamination that presently exists in Areas C and D of the site. (Area C and D of the old Unilever Factory Site is accepted as defined in the Envirosiences Report "Contamination Audit and Remediation Action Plan for Areas C and D, Former Unilever Factory Site Reynolds Street, Balmain" November, 1992, J99);
2. remediation Works shall be undertaken as outlined in the Envirosiences Report "Contamination Audit and Remediation Action Plan for Areas C and D, Former Unilever Factory Site Reynolds Street, Balmain" November, 1992, J99, and shall include the conditions outlined in the EPA letter of 27th November 1992, to Vanadi Pty Limited, (our reference 400125D3);
3. a schedule of works Outlining key programme dates should be presented to the EPA at least one week prior to the commencement of any remediation works;
4. a copy of the "specifications document" for remediation works to be undertaken at the old Unilever Site should be made available to the EPA at least one week prior to the commencement of any remediation works;
5. approval for the works described, and licensing for discharges under the Pollution Control Act (1970) will be required from the EPA Inner-Sydney Region, and no works shall take place prior to obtaining the Approvals and Licences.
6. the remediation works, defined in Clause 2, should be completed within six months of the issuing date of this Notice. If any extensions in time are considered necessary, an application in writing must be submitted to the EPA two weeks prior to the conclusion of this six months operation period. This approval is valid only for this six month period.

The role of the Authority is regulatory. Any advice required by you must be obtained as a result of your own independent inquiries.

This Notice does not derogate from the provisions Of any relevant Environmental Planning Instrument which may control the use of land on which the premises are located or from any other Act administered by the Authority.

Failure to comply with this notice may result in proceedings being commenced tinder section 57 of the Environmentally Hazardous Chemicals Act to remedy or restrain a breach of the directions given herein. The Authority retains the fight to commence a prosecution for any offence committed under any Pollution Control Act. You are advised that it is an offence if an occupier, without lawful authority, wilfully or negligently disposes of a waste or causes any substance to leak, spill or otherwise escape in a manner which harms or is likely to harm the environment pursuant to Sections 5 and 6 of the Environmental Offences and Penalties Act, 1989. The maximum penalty is one million dollars.

**NEIL SHEPHERD**  
**Director-General**

(signed – 03/12/1992)

Per .....

**ERROL SAMUEL**

**Director**

**Hazardous Substances Branch**

**by Authorisation**

Attachment: Definition of Premises Directed Under this Notice

cc: Regional Manager, Northern Sydney Region

cc: Town Clerk, Leichhardt Municipal Council

cc: Department of Planning, Attention Mr S Brown

cc: Register of Section 35 Notices

**Definition of Premises Under Section 35 Notice # 328**

LOT	D.P.
1	918660
1	918906
1	918907
Portion of Lot 1	50375
Portion of Lot 498	50375 (Volume 11170 Folio 115)
Portion of Lot 499	50375 (Volume 11170 Folio 115)
Portion of Lot 500	50375 (Volume 11170 Folio 115)
Portion of Lot 501	50375 (Volume 11170 Folio 115)

**CERTIFIED MAIL**  
MANAGING DIRECTOR  
VANADI Pty Ltd  
321 Pacific Highway  
NORTH SYDNEY NSW 2060

Attn. Mr A Rice

Our Reference: Section 35 Notice # 326

Your Reference: Ltr 160992

Contact: Marc Salmon

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

WHEREAS:-

- A. Vanadi Pty Ltd are the occupier of premises located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Buchannan Street, Booth Street and Robert Street, (generally known as the Old Unilever Site). The site is as defined by the attached list of Lot and D.P. numbers;
- B. The premises have been or are being used for or in connection with the carrying on of a prescribed activity, namely an act of manufacturing, processing, keeping, distributing, conveying, using, selling or disposing of a chemical or chemical waste or any act related to such act;
- C. The premises are reasonably believed to be affected by heavy metals and hydrocarbons as a consequence of the carrying on of the prescribed activity;
- D. The premises are deemed to be contaminated because they are environmentally degraded as a consequence of being affected by the chemical wastes described in clause C.

TAKE NOTICE THAT:-

In accordance with the powers vested in the Environment Protection Authority by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the Environment Protection Authority (EPA) directs that:

1. The EPA grants approval for an extension in the time required for the completion of the

remediation works, hereafter described as "The Works". The Works shall be completed within six months from the date of this Notice;

2. This Notice does not revoke the conditions set out within the Notice issued on the 9 June 1992, but is an extension of that Notice, as described in Clause 7 of that Notice. This Notice does not wave any rights of the EPA with respect to the provisions set out in that Notice;
3. The Works are those described in Johnstone Environmental Technology Reports Remediation Action Plan for Area A of the Former Unilever Factory Site, Reynolds Street, Balmain (JET0159-01 Jan. 1992), and Remediation Action Plan for Area B of the Former Unilever Factory Site, Reynolds Street, Balmain (JET0159-02 Feb. 1992), and the letters which have been designated as appendices to the Remedial Action Plan (RAP) reports [{Envirosciences: J99, April 15, 1992; J99, May 7, 1992 (two letters)} and {Vanadi: Ltrs\Ar002.jt, May 27, 1992)}];
4. If any extensions in time are considered necessary, an application in writing must be submitted to the EPA two weeks prior to the conclusion of this six months operation period. This approval is valid only for this six month period.

The role of the EPA is regulatory. Any advice required by you must be obtained as a result of your own independent inquiries.

This Notice does not derogate from the provisions of any relevant Environmental Planning Instrument which may control the use of land on which the premises are located or from any other Act administered by the EPA.

Failure to comply with this notice may result in proceedings being commenced under section 57 of the Environmentally Hazardous Chemicals Act to remedy or restrain a breach of the directions given herein. The EPA retains the right to commence a prosecution for any offence committed under any Pollution Control Act. You are advised that it is an offence if an occupier, without lawful authority, wilfully or negligently disposes of a waste or causes any substance to leak, spill or otherwise escape in a manner which harms or is likely to harm the environment pursuant to Sections 5 and 6 of the Environmental Offences and Penalties Act, 1989. The maximum penalty is one million dollars.

NEIL SHEPHERD  
**Director-General**

(signed – 02/10/1992)

Per.....  
**ERROL SAMUEL**  
**A/Executive Director Technical Services**  
**by Authorisation**

cc: Regional Manager, Northern Sydney Region



cc: Town Clerk, Leichhardt Municipal Council  
cc: Department of Planning, Attention Mr S Brown  
cc: Register of Section 35 Notices

LOT	D.P.	LOT	D.P.	LOT	D.P.
1	905406	7	789	Part 4 s.4 of Balmain Estate	
5,6,8-16 inc.	789	1	62384	1	62383
1	65250	1	66994	1	66249
3 and part of reserve Lot 1 in DP 724794	789	1	937959	1	70561
1 & 2	722215	a) 1 & b) 2	70826 70647	6 & part 7	114 (now in 172070)
a) Part 7 & 8 b) Part Lot B in trans. C104970	114	Lot A in Plan lodged with transfer C104970		Part lots 3 & 4	114
Lots B, D, E, F & G	20252	Lots A & B in Plan lodged with transfer H130866		Lots 1 & 2	216405
Lots 1 & 2	218887	Part: a) lot 1 of s.4 of the Balmain Estate b) Lot 10	a) – b) 144	Part lot 5 lodged w. trans. 40951	114

**CERTIFIED MAIL**

MANAGING DIRECTOR  
VANADI Pty Ltd  
321 Pacific Highway  
NORTH SYDNEY NSW 2060

Attn Mr A Rice

**Our Reference:** 400124D

**Your Reference:** Ltrs\ar002.jt

Contact: Bill Balding

Issuing Date: 9 June, 1992

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

**WHEREAS: -**

1. You, Vanadi Pty Ltd, are the occupier of premises located at Balmain and Bounded by Reynolds Street, Foy Street Hyam Street Buchanan Street, Booth Street and Robert Street, (generally known as the Old Unilever Site). The site is as defined by the attached list of Lot and D.P. numbers;
2. The premises have been or are being used for or in connection with the carrying on of a prescribed activity, namely an act of manufacturing, processing, keeping, distributing, conveying, using, selling or disposing of a chemical or chemical waste or any act related to such act;
3. The premises are reasonably believed to be affected by heavy metals and hydrocarbons as a consequence of the carrying on of the prescribed activity;
4. The premises are deemed to be contaminated because they are environmentally degraded as a consequence of being affected by the chemical wastes described in clause 3.

**TAKE NOTICE THAT: -**

In accordance with the powers vested in the Environment Protection Authority by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the Environment Protection Authority (EPA) directs that:

1. the EPA grants approval for remediation works to be undertaken to reduce or remove the contamination that presently exists in Areas A and B of the site. (Area A and B of the

old Unilever Factory Site is accepted as defined in the Johnstone Environment Technology Report JET0100-15/ETCJ, August 27, 1991.);

2. the contamination is as defined in Johnstone Environmental Technology Reports; JET0100-14 (Sept. 1990), JET0100-63 {Mar. 1991) and JET0100-77 (July 1991);
3. works undertaken to date are addressed in the Section 35 Notice and Annexures to the original notice. In all, 11 Notices have been issued on the site. Note that asbestos contamination has been removed as directed in Notice Annexures 8 and 9 to the original s.35 Notice;
4. remediation works shall be undertaken as outlined in the Johnstone Environmental Technology Reports Remediation Action Plan for Area A of the Former Unilever Factory Site, Reynolds Street, Balmain (JET0159-01 Jan. 1992), and Remediation Action Plan for Area B of the Former Unilever Factory Site, Reynolds Street, Balmain (JET0159-02 Feb. 1992). The EPA requested additional information (letters from EPA to Vanadi April 1, 1992 and May 26, 1992) to be appended to these Remediation Action Plan (RAP) reports. Responses and additional information was provided by Vanadi and Vanadi's present consultant, Envirosiences Pty Ltd. These letters [{Envirosiences: J99, April 15, 1992; J99, May 7, 1992 (two letters) } and {Vanadi: Ltrs\Ar002.jt, May 27, 1992 ) } ] provide adequate responses to the EPA's request for additional information and hence now constitute an important proponent of the RAP. These letters are to be considered as appendices to the RAP;
5. a schedule of works (as specified in point 5 of the EPA Report Review dated April 1, 1992) outlining key programme dates should be presented to the EPA at least one week prior to the commencement of any remediation works;
6. a copy of the "specifications document" for remediation works to be undertaken at the old Unilever Site (as outlined in point 9 of Envirosiences letter dated April 15, 1992) should be made available to the EPA at least one week prior to the commencement of any remediation works;
7. the remediation works should be completed within four months of the issuing date of this Notice. If any extensions in time are considered necessary, an application in writing must be submitted to the EPA two weeks prior to the conclusion of this four months operation period. This approval is valid only for this four month period.

The role of the Authority is regulatory. Any advice, required by you must be obtained as a result of your own independent inquiries.

This Notice does not derogate from the provisions of any relevant Environmental Planning Instrument which may control the use of land on which the premises are located or from any other Act administered by the Authority.

Failure to comply with this notice may result in proceedings being commenced under section 57 of the Environmentally Hazardous Chemicals Act to remedy or restrain a breach of the directions given herein. The Authority retains the right to commence a prosecution for any

offence committed under any Pollution Control Act. You are advised that it is an offence if an occupier without lawful authority, wilfully or negligently disposes of a waste or causes any substance to leak, spill or otherwise escape in a manner which harms or is likely to harm the environment pursuant to Sections 5 and 6 of the Environmental Offences and Penalties Act, 1989. The maximum penalty is one million dollars.

**NEIL SHEPHERD**  
Director-General

**COLIN J GRANT**  
 Executive Director  
 Technical Services  
 by Authorisation

cc Regional Manager, Northern Sydney Region  
 cc Town Clerk, Leichhardt Municipal Council  
 cc Department of Planning, Attention Mr S Brown  
 cc Register of Section 35 Notices

[bb.ng.vanadi.s35]

LOT	D.P.	LOT	D.P.	LOT	D.P.
1	905406	7	789	Part 4 s.4 of Balmain Estate	
5,6,8-16	789	1	62384	1	62383
1	65250	1	66994	1	66249
3 and part of reserve Lot 1 in DP 724794	789	1	937959	1	70561
1 & 2	722215	a) 1 & b) 2	70826 70647	6 & part 7	114 (now in 172070)
a) Part 7 & 8 b) Part Lot B in trans. C104970	114	Lot A in Plan lodged with transfer C104970		Part lots 3 & 4	114
Lots B, D, E, F & G	20252	Lots A & B in Plan lodged with transfer H130866		Lots 1 & 2	216405
Lots 1 & 2	218887	Part: a) lot 1 of s.4 of the Balmain Estate b) Lot 10	a) – b) 144	Part lot 5 lodged w. trans. 40951	114

**CERTIFIED MAIL**

The Chief Executive  
Vanadi Pty Ltd  
C/- J R Thomas & Co  
285 George Street  
SYDNEY NSW 2000

400125D12  
#279

ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985  
NOTICE UNDER SECTION 35

Annexure 11 - Approval to Conduct Works (Area B)

WHEREAS:

1. Vanadi Pty Ltd is the occupier of premises:
  - 1.1 located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Buchanan Street, Booth Street and Robert Street, and generally known as the Unilever site.
  - 1.2 contaminated by the use of hazardous chemicals including asbestos, polychlorinated biphenyl (PCBs) wastes and heavy metals.
  - 1.3 deemed to be chemically contaminated by reason of their being chemically degraded.
2. Vanadi Pty Ltd is currently demolishing the Unilever site for possible future development.
3. The Commission has been informed that the decontamination of the site involves:
  - (1) removal of asbestos;
  - (2) removal of chemical wastes, e.g. polychlorinated biphenyl (PCB) wastes; and
  - (3) decontamination of soil possibly contaminated with chemical wastes and heavy metals.

**TAKE NOTICE THAT:**

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, and in accordance with the provisions of the previous notices served on the company, the Commission hereby grants permission for ongoing soil sampling and analytical testing of Area 'B' of the former Unilever Factory site, as described in drawing No. JET0100/8 - issue 2, and subject to the same conditions as per the Area 'A' approval.

This Notice does not derogate from the provisions of any relevant Environmental Planning instrument which may control the use of land on which the premises are located.

This instrument shall be referred to as Annexure 11 to the Notice issued May 16, 1991.

DR WARWICK FORREST  
Acting Director

per (signed) 12 Nov '91

Ross McFarland  
A/MWM  
by Authorization

cc: Manager Northern Sydney Region Town Clerk, Leichhardt Municipal Council Register of  
Section 35 Notices

{bb/dg/ulanex.11}

**CERTIFIED MAIL**

The Chief Executive  
Vanadi Pty Ltd  
C/- J R Thomas &, Co  
285 George Street  
SYDNEY NSW 2000

400125D11  
RMcF :KR/HH

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

**Annexure 10 - Approval to Conduct Works (Area A)**

**WHEREAS:**

1. Vanadi Pty Ltd (the "Company") is the occupier of premises:
  - 1.1 located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Palmer Street, Buchanan Street, Booth Street and Robert Street, and generally known as the Unilever site.
  - 1.2 contaminated by the use of hazardous chemicals including asbestos, polychlorinated biphenyls (P.C.B.) wastes and heavy metals.
  - 1.3 deemed to be contaminated by reason of their being environmentally degraded.
2. Vanadi Pty Ltd is currently demolishing the Unilever site for possible future development.
3. The Commission has been informed that the decontamination of the site involves:
  - (1) removal of asbestos;
  - (2) removal of chemical wastes, e.g. polychlorinated biphenyls (P.C.B.) wastes; and
  - (3) decontamination of soil possibly contaminated with chemical wastes and heavy metals.
4. The Company, through its consultant, has requested an extension of time to complete the soil investigation on Area "A".

**TAKE NOTICE THAT:**

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, and in accordance with the provisions of the previous notices served on the company, the Commission hereby grants permission for ongoing soil sampling and analytical testing in Area 'A' of the former Unilever Factory site, as described in drawing No. JET0100/8-issue 2, subject to the following conditions:

- 1) The sampling programme shall be as per the detailed work plan described in the

consultant's letter report referenced as JET0100- 47/ETCJ; and

- 2) The analytical testing programme shall be as per the detailed analysis work plan described in reference report JET0100-47/ETCJ; and
- 3) A suitably qualified person shall supervise all sampling activities to ensure that the terms of this notice are complied with; and
- 4) All possible steps shall be taken to minimise dust generation and suppress any dusts arising from the on-site activities; and
5. An asbestos air monitoring network shall operate continuously during the above mentioned activities. The Commission shall be notified without delay upon the determination of any exceedance in statutory or recommended limits and in such cases, all activities at the site shall cease immediately, until such time as approval is given by the Commission to recommence work; and
- 6) Adequate steps shall be taken to prevent pollution of waters; and a final visual assessment of the subsurface across the entire area defined as "A" in reference drawing JET 0100/8-issue 2, shall be carried out using a method approved by the Commission prior to commence of said assessment; and
- 8) This Notice does not derogate from the provisions of any relevant Environmental Planning instrument which may control the use of land on which the premises are located.
- 9) This Notice amends Condition (1) Annexure 8 which required that a complete contaminated soil investigation report of Area A to be received by the Commission within 21 days of that Annexure, but this Annexure now requires that said report be received by the Commission before 12 January 1991.

This instrument shall be referred to as Annexure 10 to the Notice dated 16 May 1990.

PROFESSOR JOHN NILAND  
Director

Per (signed) 5/12/90  
A E DYER  
{Acting Deputy Regional Manager, Central Sydney  
by Authorisation)

cc:  
(1) Leichhardt Municipal Council  
(2) Leda Constructions Pty Ltd  
(3) Johnstone Environmental Technology Pty Ltd

{CSPWOO3K.LTR}





**CERTIFIED MAIL**

The Chief Executive  
Vanadi Pty Ltd  
C/- J R Thomas & Co  
285 George Street  
SYDNEY NSW 2000

400125D10 PW:KR

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

**Annexure 9 – Approval to Conduct Works (Area C2 and D2)**

**WHEREAS:**

1. Vanadi Pty Ltd (the "Company") is the occupier of premises:
  - 1.1 located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Palmer Street, Buchanan Street, Booth Street and Robert Street, and generally known as the Unilever site.
  - 1.2 contaminated by the use of hazardous chemicals including asbestos, polychlorinated biphenyls (P.C.8.) wastes and heavy metals.
  - 1.3 deemed to be contaminated by reason of their being environmentally degraded.
2. Vanadi Pty Ltd is currently demolishing the Unilever site for possible future development.
3. The Commission has been informed that the decontamination of the site involves:
  - (1) removal of asbestos;
  - (2) removal of chemical wastes, e.g. polychlorinated biphenyls (P.C.B.) wastes; and
  - (3) decontamination of soil possibly contaminated with chemical wastes and heavy metals.

**TAKE NOTICE THAT:**

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, and in accordance with the provisions of the previous notices served on the company, the Commission hereby grants permission for the demolition of structures in Area "C3" and "D2" as described in drawing No. JET0100/6-issue 4 subject to the following conditions-

- 1) Asbestos removal work shall be carried out so as to contain all asbestos material within the work zone so as to prevent the migration of asbestos beyond the work zone.

All necessary steps shall be taken to suitably collect airborne asbestos dust generated by the removal process. The removal and disposal of all asbestos shall be by the approved methods as outlined in the "Chemical Control Order in Relation to Asbestos Wastes"

under the Environmentally Hazardous Chemicals Act, 1985 or by approved methods as stipulated by other Regulatory Authorities.

- 2) The asbestos remediation process shall commence without delay and prior to any other work being carried out within the abovementioned areas.
- 3) All works shall be conducted strictly in accordance with the procedures as described in "Environmental Audit of Area "C3" and "D2" report No. JET0100-45, Section 3.0 - Chemical Contamination Assessment; Section 4.0 - Presence of Asbestos and other hazards; and Section 5.0 - Conclusions and Recommendations" and the letter dated 20 November 1990, reference JET0100-46ETCJ. The proposed methods of disposal shall comply with the requirements of the Waste Management Authority.
- 4) Metal surfaces to be cut by oxy acetylene equipment shall be as is practical, free of liquid or solid waste product, eg, greases and fats, so as to prevent smoke or odour emissions.
- 5) The larger pieces of demolition material (ie, concrete, brickwork, reinforcing steel, etc.) shall be loaded into trucks in such a manner so that the loaded rubble does not contain any soil. This material may then be transported off-site for crushing and recycling.
- 6) The finer broken rubble that may contain small amounts of contaminated soil, shall be collected for loading into trucks in such a manner as to minimise the soil content in the rubble. This rubble shall be disposed of only with the approval from the Waste Management Authority at a licensed tip.
- 7) A suitably qualified person shall supervise all demolition material removal operations to ensure that the terms of the notice are complied with.
- 8) Adequate steps shall be taken to suppress dust arising from demolition material handling activities travelling beyond the boundaries of the premises.
- 9) The asbestos air monitoring network shall operate continuously during the abovementioned works. The Commission shall be notified without delay upon the determination of any exceedance in statutory or recommended limits and in such cases, all work shall cease immediately until such time as approval is given by the Commission to recommence work.
- 10) Adequate steps shall be taken to prevent pollution of waters.
- 11) This notice does not derogate from the provisions of any relevant Environmental Planning instruments which may control the use of land on which the premises are located.

This Notice shall be referred to as Annexure g to the Notice dated 16 May 1990.

**PROFESSOR JOHN NILAND**

Director

**Per (signed) 27/11/90**

**A E DYER**

(Acting Deputy Regional Manager, Central Sydney

by Authorisation)

cc:

- (1) Leichhardt Municipal Council
- (2) Leda Constructions Pty Ltd
- (3) Johnstone Environmental Technology Pty Ltd

**{CSPN003K. LTR}**

**CERTIFIED MAIL**

The Chief Executive  
Vanadi Pty Ltd  
C/- J R Thomas & Co  
285 George Street  
SYDNEY NSW 2000

400125D9 PW:KR

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

**Annexure 8 - Approval to Conduct Works (Area C2)**

**WHEREAS:**

1. Vanadi Pty Ltd (the "Company") is the occupier of premises:
  - 1.1 located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Palmer Street, Buchanan Street, Booth Street and Robert Street, and generally known as the Unilever site.
  - 1.2 contaminated by the use of hazardous chemicals including asbestos, polychlorinated biphenyls (P.C.B.) wastes and heavy metals.
  - 1.3 deemed to be contaminated by reason of their being environmentally degraded.
2. Vanadi Pty Ltd is currently demolishing the Unilever site for possible future development.
3. The Commission has been informed that the decontamination of the site involves:
  - (1) removal of asbestos;
  - (2) removal of chemical wastes, e.g. polychlorinated biphenyls (P.C.B.) wastes; and
  - (3) decontamination of soil possibly contaminated with chemical wastes and heavy metals.

**TAKE NOTICE THAT:**

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, and in accordance with the provisions of the previous notices served on the company, the Commission hereby grants permission for the demolition of structures in Area "C2" as described in drawing No. JETO100/6-issue 3 subject to the following conditions:

- 1) Within 21 days of the date of this notice a complete contaminated soil investigation report of Area A as defined in drawing No. JETO100/6 - issue 3, shall be received by the Commission. The report shall contain soil analysis results, proposed remediation methods and proposed remediation time schedules.

- 2) Work shall commence without delay on the removal and disposal of all asbestos wastes by the approved methods as outlined in the "Chemical Control Order in Relation to Asbestos Wastes" under the Environmentally Hazardous Chemicals Act, 1985 or by approved methods as stipulated by other Regulatory Authorities.
- 3) All works shall be conducted strictly in accordance with the procedures as described in "Environmental Audit of Area C2 report No. JET0100-41, Section 5.0, Conclusions and Recommendations" and the letter dated 13 November 1990, reference JET0100-43ETCJ. The proposed methods of disposal shall comply with the requirements of the Waste Management Authority.
- 4) Metal surfaces to be cut by oxy acetylene equipment shall be as is practical, free of liquid or solid waste product, eg, greases and fats so as to prevent smoke or odour emissions.
- 5) The larger pieces of demolition material (ie, concrete, brickwork, reinforcing steel, etc.) shall be loaded into trucks in such a manner so that the loaded rubble does not contain any soil. This material may then be transported off-site for crushing and recycling.
- 6) The finer broken rubble that may contain small amounts of contaminated soil, shall be collected for loading into trucks in such a manner as to minimise the soil content in the rubble. This rubble shall be disposed of only with the approval from the Waste Management Authority at a licensed tip.
- 7) A suitably qualified person shall supervise all demolition material removal operations to ensure that the terms of the notice are complied with.
- 8) Adequate steps shall be taken to suppress dust arising from demolition material handling activities travelling beyond the boundaries of the premises.
- 9) The asbestos air monitoring network shall operate continuously during the abovementioned works. The Commission shall be notified without delay upon the determination of any exceedance in statutory or recommended limits and in such cases, all work shall cease immediately until such time as approval is given by the Commission to recommence work.
- 10) Adequate steps shall be taken to prevent pollution of waters.
- 11) This notice does not derogate from the provisions of any relevant Environmental Planning instruments which may control the use of land on which the premises are located.

This Notice shall be referred to as Annexure 8 to the Notice dated 16 May 1990.

PROFESSOR JOHN NILAND  
Director

Per (signed) 22/11/90  
A E DYER  
(Acting Deputy Regional Manager, Central Sydney)

by Authorisation)

cc: (1) Leichhardt Municipal Council (2) Leda Constructions Pty Ltd (3) Johnstone Environmental Technology Pty Ltd

[CSPWOO2K.LTR}

**CERTIFIED MAIL**

The Chief Executive  
Vanadi Pty Ltd  
C/- J R Thomas & Co  
285 George Street  
SYDNEY NSW 2000

[6W17.L-PW3A]  
400125 D8 PW:KL

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

**Annexure 7 - Approval to Conduct Works**

**WHEREAS:**

1. Vanadi Pty Ltd (the "Company") is the occupier of premises:
  - 1.1 located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Palmer Street, Buchanan Street, Booth Street and Robert Street, and generally known as the Unilever site.
  - 1.2 contaminated by the use of hazardous chemicals including asbestos, polychlorinated biphenyls (P.C.B.) wastes and heavy metals.
  - 1.3 deemed to be contaminated by reason of their being environmentally degraded.
2. Vanadi Pty Ltd is currently demolishing the Unilever site for possible future development.
3. The Commission has been informed that the decontamination of the site involves:
  - (1) removal of asbestos;
  - (2) removal of chemical wastes, e.g. polychlorinated biphenyls (P.C.B.) wastes; and
  - (3) decontamination of soil possibly contaminated with chemical wastes and heavy metals.

**TAKE NOTICE THAT:**

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, and in accordance with the provisions of the previous notices served on the company, the Commission hereby grants permission for the demolition of structures in Area "D1" as described in drawing No. JET0100/6-issue 2 whereas:

- i) The initial work in Area "D1" shall be the removal and disposal of all asbestos wastes by approved methods as outlined in the "Chemical Control Order in Relation to Asbestos Wastes" under the Environmentally Hazardous Chemicals Act. 1985 or by approved methods as stipulated by other Regulatory Authorities.



- ii) All works shall be conducted strictly in accordance with the procedures as described in "Environmental Audit of Area D1 report No. JET0100-33, Section 5.0, Conclusions and Recommendations" and the letter dated 23 October 1990, reference JET0100-35ETCJ.
- iii) Metal surfaces to be cut by oxy acetylene equipment shall be as is practical, free of liquid or solid waste product, eg, greases and fats so as to prevent, smoke or odour emissions.
- iv) The larger pieces of demolition material i.e, concrete, brickwork, reinforcing steel, etc.) shall ! be loaded into trucks in such a manner so that the loaded rubble does not contain any soil. This material may then be transported off-site for crushing and recycling.
- v) The finer broken rubble that mat contain small amounts of contaminated soil, shall be collected for loading into trucks in such a manner as to minimise the soil content in the rubble. This rubble shall be disposed of only with the approval from the Waste Management Authority at a licensed tip.
- vi) A suitably qualified person shall supervise all demolition material removal operations to ensure that the terms of the notice are complied with.
- vii) Adequate steps shall be taken to suppress dust arising from demolition material handling activities travelling beyond the boundaries of the premises.
- viii) The asbestos air monitoring network shall operate continuously during the abovementioned works. The Commission shall be notified without delay upon the determination of any exceedance in statutory or recommended limits and in such cases, all work shall cease immediately until such time as approval is given by the Commission to recommence work.
- ix) Adequate steps shall be taken to prevent illegal discharges to Waters.
- x) The Commission notes that the Copra store, Oil Mill and Engineer's Store/Electricians shop buildings will not be demolished due to their heritage value.

Take notice that upon completion of demolition works on any section of the said site, contaminated soil investigations and the proposed remediation reports shall be forwarded to the Commission in the shortest possible time frame so as to minimise any possible impact of exposed contaminated areas on the environment.

This Notice shall be referred to as Annexure 7 to the Notice dated 16 May 1990.

**PROFESSOR JOHN NILAND**

Director

Per (signed) 1/11/90

A.E. DYER

(Acting Deputy Regional Manager, Central Sydney  
by Authorisation)



**CERTIFIED MAIL**

The Chief Executive  
Vanadi Pty Ltd  
C/- J R Thomas & Co  
285 George Street  
SYDNEY NSW 2000

[6W17.L-PW3B]  
400125 D6 PW:HH

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

Annexure 5 - Approval to Conduct Works

**WHEREAS:**

1. Vanadi Pty Ltd (the "Company") is the occupier of premises:
  - 1.1 located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Palmer Street, Buchanan Street, Booth Street and Robert Street, and generally known as the Unilever site.
  - 1.2 contaminated by the use of hazardous chemicals including asbestos, polychlorinated biphenyls (P.C.B.) wastes and heavy metals.
  - 1.3 deemed to be contaminated by reason of their being environmentally degraded.
2. Vanadi Pty Ltd is currently demolishing the Unilever site for possible future development.
3. The Commission has been informed that the decontamination of the site involves:
  - (1) removal of asbestos;
  - (2) removal of chemical wastes, e.g. polychlorinated biphenyls (P.C.B.) wastes; and
  - (3) decontamination of soil possibly contaminated with chemical wastes and heavy metals.

**TAKE NOTICE THAT:**

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, and in accordance with the provisions of the previous notices served on the company, the Commission hereby grants permission for demolition of the Tank Farm Area 1, Tank Farm Area 2 and The Pear Soap Building located in Area "B" as described in drawing No.JETO100/8-Issue 1 and also in drawing No. JETO100/6-Issue 1 whereas -

- i) The initial demolition work of Area 'B' shall be the removal and disposal of all asbestos wastes by approved methods as outlined in the "Chemical Control Order in Relation to

Asbestos Wastes" under the Environmentally Hazardous Chemicals Act 1985 or by approved methods as stipulated by other regulatory Authorities.

- ii) All works shall be conducted strictly in accordance with the procedures as described on pages 4,5 & 6 of the Johnstone Environmental Technology's letter, reference JET0100-27/ETCJ dated 11 Oct 1990.
- iii) Metal surfaces to be cut by oxy acetylene equipment shall be as is practical, free of liquid or solid waste product, ie, greases and fats so as to prevent smoke or odour emissions.
- iv) The larger pieces of demolition material (ie, steel, concrete, brickwork, reinforcing steel, etc.) shall be loaded into trucks in such a manner so that the loaded rubble does not contain any soil. This material may then be transported off-site for crushing and recycling.
- v) The finer broken rubble that may contain small amounts of contaminated soil, shall be collected for loading into trucks in such a manner as to minimise the soil content in the rubble. This rubble shall be disposed of with approval from the Waste Management Authority at a licensed tip.
- vi) A suitably qualified person shall supervise all demolition operations to ensure that the terms of the notice are complied with.
- vii) Adequate steps shall be taken to suppress dust arising from demolition activities travelling beyond the boundaries of the premises.
- viii) The asbestos air monitoring network shall operate continuously during the abovementioned works. The Commission shall be notified without delay upon the determination of any exceedance in statutory or recommended limits and in such cases, all work shall cease immediately, until such time as approval is given by the Commission to recommence work.

This Notice shall be referred to as Annexure 5 to the Notice dated 16 May 1990.

PROFESSOR JOHN NILAND

Director~

Per (signed) 25/10/90

A.E. DYER

(Acting Deputy Regional Manager, Central Sydney  
by Authorisation)

The Chief Executive  
Vanadi Pty Ltd  
C/- J R Thomas & Co  
285 George Street  
SYDNEY NSW 2000

[6W17.L-PW3a]  
400125 D5 PW:HH

ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985  
NOTICE UNDER SECTION 35

Annexure 4 - Approval to Conduct Works

WHEREAS:

1. Vanadi Pty Ltd (the Company ) is the occupier of premises:
  - 1.1 located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Palmer Street, Buchanan Street, Booth Street and Robert Street, and generally known as the Unilever site.
  - 1.2 contaminated by the use of hazardous chemicals including asbestos, polychlorinated biphenyls (P.C.B.) wastes and heavy metals.
  - 1.3 deemed to be contaminated by reason of their being environmentally degraded.
2. Vanadi Pty Ltd is currently demolishing the Unilever site for possible future development.
3. The Commission has been informed that the decontamination of the site involves:
  - (1) removal of asbestos;
  - (2) removal of chemical wastes, e.g. polychlorinated biphenyls (P.C.B.) wastes; and
  - (3) decontamination of soil possibly contaminated with chemical wastes and heavy metals.

TAKE NOTICE THAT:

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, and in accordance with the provisions of the previous notices served on the company, the Commission hereby grants permission for the removal of existing demolition rubble only from the area that is bounded by Foy Street, Palmer Street, Hyam Street and Reynolds Street known as Area "A" as defined in red on Drawing No. 8, Job No. JET0100, whereas:

1. The larger pieces of demolition material (ie, concrete, brickwork, reinforcing steel, etc.) shall be loaded into trucks in such a manner so that the loaded rubble does not contain any soil. This material may then be transported off-site for crushing and recycling.
2. The finer broken rubble that may contain small amounts of contaminated soil, shall be collected for loading into trucks in such a manner as to minimise the soil content in the

rubble. This rubble shall be disposed of with approval from the Waste Management Authority at the Authority's licensed, Camide Pty Ltd tip at Schofields.

3. A suitably qualified person shall supervise all demolition material removal operations to ensure that the terms of the notice are complied with.
4. Adequate steps shall be taken to suppress dust arising from demolition material handling activities travelling beyond the boundaries of the premises.
5. The asbestos air monitoring network shall operate continuously during the abovementioned works. The Commission shall be notified without delay upon the determination of any exceedance in statutory or recommended limits and in such cases, all work shall cease immediately, until such time as approval is given by the Commission to recommence work.

This Notice shall be referred to as Annexure 4 to the Notice dated 16 May 1990.

**PROFESSOR JOHN NILAND**

Director

Per (signed) 22/10/90

**A.E. DYER**

(Acting Deputy Regional Manager, Central Sydney  
by Authorisation)

**CERTIFIED MAIL**

The Chief Executive  
Vanadi Pty Ltd  
C/- J R Thomas & Co  
285 George Street  
SYDNEY NSW 2000 200

[6W17.L-PW3A]  
400125 D7 PW:HH

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

**Annexure 6 - Approval to Conduct Works**

**WHEREAS:**

1. Vanadi Pty Ltd (the "Company") is the occupier of premises:
  - 1.1 located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Palmer Street, Buchanan Street, Booth Street and Robert Street, and generally known as the Unilever site.
  - 1.2 contaminated by the use of hazardous chemicals including asbestos, polychlorinated biphenyls (P.C.B.) wastes and heavy metals.
  - 1.3 deemed to be contaminated by reason of their being environmentally degraded.
2. Vanadi Pty Ltd is currently demolishing the Unilever site for possible future development.
3. The Commission has been informed that the decontamination of the site involves:
  - (1) removal of asbestos;
  - (2) removal of chemical wastes, e.g. polychlorinated biphenyls (P.C.B.) wastes; and
  - (3) decontamination of soil possibly contaminated with chemical wastes and heavy metals.

**TAKE NOTICE THAT:**

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, and in accordance with the provisions of the previous notices served on the company, the Commission hereby grants permission for the demolition of structures in Area "C1" as described in drawing JET0100/6-issue 1 whereas:

- i) All works shall be conducted strictly in accordance with the procedures as described in "Environmental Audit of Area C1" report No. JETOIO0-30, page 5.
- ii) The larger pieces of demolition material {ie, concrete, brickwork, reinforcing steel, etc.) shall be loaded into trucks in such a manner so that the loaded rubble does not contain any soil. This material may then be transported off-site for crushing and recycling.



- iii) The finer broken rubble that may contain small amounts of contaminated soil, shall be collected for loading into trucks in such a manner as to minimise the soil content in the rubble. This rubble shall be disposed of with approval from the Waste Management Authority at a licensed tip.
- iv) A suitably qualified person shall supervise all demolition material removal operations to ensure that the terms of the notice are complied with.

Adequate steps shall be taken to suppress dust arising from demolition material handling activities travelling beyond the boundaries of the premises.

- v) The asbestos air monitoring network shall operate continuously during the abovementioned works. The Commission shall be notified without delay upon the determination of any exceedance in statutory or recommended limits and in such cases, all work shall cease immediately until such time as approval is given by the Commission to recommence work.

As you will be aware only uncontaminated stormwater maybe discharged to stormwater and as the site demolition progresses with the abolition of hard stand areas, stormwater runoff control will become more prominent.

Therefore it should be considered, what steps should be taken to prevent illegal discharges to waters should the situation occur, (use, hay bales on site, if necessary).

In order to keep members of the public informed of activities taking place at the site it is suggested that, the proposed programme for site works for each day be summarised and faxed daily to Mr Peter Watson of the Commission. For example asbestos removal Works, Area C1".

This Notice shall be referred to as Annexure 6 to the Notice dated 16 May 1990.

PROFESSOR JOHN NILAND  
Director

Per . (signed) 31/10/90  
A.E. DYER  
(Acting Deputy Regional Manager, Central Sydney  
by Authorisation)

**CERTIFIED MAIL**

The Chief Executive  
Vanadi Pty Ltd  
C/- J R Thomas & Co  
285 George Street  
SYDNEY NSW 2000

[6W13.L-PW3a]  
400125 D4 PW:LDZ

12 SEP 1990

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT 1985**  
**NOTICE UNDER SECTION 35**

Annexure 3 - Approval to Conduct Works

WHEREAS:

1. Vanadi Pty Ltd (the "Company") is the occupier of premises:
  - 1.1 located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Palmer Street, Buchanan Street and Robert Street. and generally known as the Unilever site.
  - 1.2 contaminated by the use of hazardous chemicals including asbestos, polychlorinated biphenyls (P.C.B.) wastes and heavy metals.
  - 1.3 deemed to be contaminated by reason of their being environmentally degraded.
2. Vanadi Pty Ltd is currently demolishing the Unilever site for possible future development.
3. The Commission has been informed that the decontamination of the site involves
  - (1) removal of asbestos:
  - (2) removal of chemical wastes, eg. polychlorinated biphenyls (P.C.B.) wastes: and decontamination of soil possibly contaminated with chemical wastes and heavy metals.

TAKE NOTICE THAT:

In accordance with the powers vested in the State pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act. 1985, and in accordance with the provisions of the previous notices served on the company, the Commission hereby grants permission for the removal of existing uncontaminated demolition rubble only from the area that is bounded by Foy Street, Palmer. Street, Hyam Street and Reynolds Street known as Area "A" as defined in red on Drawing No.8, Job No. JET0100, whereas:

1. A suitably qualified person shall supervise the removal operation of uncontaminated demolition rubble so as to ensure that only non-hazardous materials leaves the site for

approved disposal.

2. No soil shall be removed from the site.
3. Adequate steps shall be taken to suppress dust emissions beyond the boundaries of the premises.
4. The asbestos air monitoring network shall operate continuously during the conduction of any works. The Commission shall be notified immediately upon the determination of any exceedance in statutory or recommended limits and in such cases all work shall immediately cease.

The company failed to comply with Conditions No.2 and No.3. para 2 of Annexure 1 dated 3.7.90 of the Section 35 Notice dated 3 July 1990 issued to it under the provisions of the Environmental Hazardous Chemicals Act, 1985.

Accordingly, urgent action is required to rectify these breaches. Your immediate written advice with respect to this matter is required.

This Notice shall be referred to as Annexure 3 to the Notice dated 16 May 1990.

**PROFESSOR JOHN NILAND**

Director

Per

A.E. DYER

(Acting Deputy Regional Manager, Central Sydney  
by Authorisation)

**CERTIFIED MAIL**

The Chief Executive  
Vanadi Pty Ltd  
C/- J R Thomas & Co  
285 George Street  
SYDNEY NSW 2000 200

[6W11.L-PW3]  
400125 D3 PW:LDZ

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT 1985**  
**NOTICE UNDER SECTION 35**

**Annexure 2 - Approval to Conduct Work**

**WHEREAS:**

1. Vanadi Pty Ltd (the "Company") is the occupier of premises:
  - 1.1 located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Palmer Street, Buchanan Street and Robert Street, and generally known as the Unilever site.
  - 1.2 contaminated by the use of hazardous chemicals including asbestos and polychlorinated biphenyls (P.C.B.) wastes.
  - 1.3 deemed to be contaminated by reason of their being environmentally degraded.
2. Vanadi Pty Ltd is currently demolishing the Unilever site for possible future development.
3. The Commission has been informed that the decontamination of the site involves:
  - (1) removal of asbestos;
  - (2) removal of chemical wastes, e.g. polychlorinated biphenyls (P.C.B.) wastes; and
  - (3) decontamination of soil possibly contaminated with chemical wastes.

**TAKE NOTICE THAT:**

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, and in accordance with the provisions of the previous notices served on the company, the Commission hereby grants permission for the demolition of the Technical Building only, whereas:

- 1 The said building is described in the Johnstone Environmental Technology Report No. JET0100-08/ETCJ, dated July 1990~in Appendix "E" drawing No.1
- 2 All pre-demolition and demolition works shall be conducted strictly in accordance with the "Recommendations" (Section 3.0, page 10, 11 & 12 of the report No.JET0100-08/ETCJ) and Strategy for Building Demolition" (Section 4.0, page 13 of this report No. JET0100-08/ETCJ).

This notice shall be referred to as Annexure 2 to the notice dated 16 May 1990.

**PROFESSOR JOHN NILAND**

Director

Per (signed) 1/8/90

Liz Hurst

(Deputy Regional Manager, Central Sydney  
by Authorisation)

**CERTIFIED MAIL**

The Chief Executive  
Vanadi Pty Limited  
C/- J.R. Thomas & Co  
285 George Street  
SYDNEY NSW 2000

[6W15.L-PW3]  
200 400125 D2 PW:LDZ

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

**Annexure I - Approval to Conduct Works**

**WHEREAS:**

1. Vanadi Pty Limited is the occupier of premises:
  - 1.1 located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Palmer Street, Buchanan Street and Robert Street.
  - 1.2 contaminated by the use of hazardous chemicals including asbestos and polychlorinated biphenyls (P.C.B.) wastes.
  - 1.3 deemed to be contaminated by reason of their being environmentally degraded.
2. Vanadi Pty Limited is currently demolishing the Unilever site for possible future development.
3. The Commission has been informed that the decontamination of the site involves:
  - (1) removal of asbestos;
  - (2) removal of chemical wastes, e.g. polychlorinated biphenyls (P.C.B.) wastes; and
  - (3) decontamination of soil possibly contaminated with chemical wastes.

**TAKE NOTICE THAT:**

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, and in accordance with the provisions of the aforementioned notice dated 16th May, 1990, the Commission directs that:

- 1 Within 16 days of the date of this notice all asbestos material on site which would likely be wind blown shall be collected and disposed of in a manner approved by the Waste Management Authority of NSW. Details of this clean-up procedure shall be submitted to the Commission within 20 days of the date of this notice. Thereafter, the site shall be inspected daily by a suitably qualified person appointed by the occupier of the premises. A log book shall be kept which shall record the date, time, location, amount by volume and

method of disposal of any asbestos found on site which would be likely to be wind blown. The log book shall be kept in a legible form and shall be made available to Commission officers on request.

- 2 Within 21 days of the date of this notice a report prepared by an accredited consultant shall be forwarded to the Commission regarding details of all asbestos contamination at the abovementioned site. The report shall outline in detail the steps recommended to be taken to prevent airborne asbestos leaving the site.
- 3 Within 21 days of the date of this notice a report prepared by an accredited consultant shall be forwarded to the Commission regarding the establishment of an air monitoring network which shall be used to determine the presence of asbestos fibre on the nearby residential premises. The report shall include:
  - (a) A scaled plan showing the location of all asbestos monitoring stations.
  - (b) The basis for selecting such monitoring locations.
  - (c) The frequency of analysing collected material at all asbestos monitoring stations.

This notice shall be referred to as Annexure 1 to the notice dated 16th May 1990.

PROF J NILAND  
DIRECTOR

Per (signed) 3.7.90  
Liz Hurst  
(Deputy Manager, Central Sydney Region  
by Authorisation)



**Certified Mail**

The Chief Executive  
Vanadi Pty, Limited  
C/- J.R. Thomas & Co  
285 George Street  
SYDNEY NSW 2000

400125D1 PW:MZ  
6WA-MISC-PWO1

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985  
NOTICE UNDER SECTION 35**

**WHEREAS:**

- 
1. Vanadi Pty Limited is the occupier of premises:
    - 1.1 located at Balmain and bounded by Reynolds Street, Foy Street, Hyam Street, Palmer Street, Buchanan Street and Robert Street.
    - 1.2 contaminated by the use of hazardous chemicals including asbestos and polychlorinated biphenyls (P.C.B.) wastes.
    - 1.3 deemed to be contaminated by reason of their being environmentally degraded.
  2. Vanadi Pty Limited is currently demolishing the Unilever site for possible future development.
  3. The Commission has been informed that the decontamination of the site involves:
    - (1) removal of asbestos;
    - (2) removal of chemical wastes, e.g. polychlorinated biphenyls (P.C.B.) wastes; and
    - (3) decontamination of soil possibly contaminated with chemical wastes.

**TAKE NOTICE THAT:**

-

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the Commission directs that:

- (1) All work carried out on this contaminated area of these premises with the intention, or having the effects, of:
  - (a) reducing the contamination of this area;
  - (b) restoring or rehabilitating this area; or
  - (c) removing, or disposal of any soil, rock, water or other solid or liquid material of any kind from this area.

which would result in the disturbance of any land on the premises, shall be carried out only

after prior notice to the Commission and in accordance with an approval, in writing, given by the Commission.

- (2) Where the premises to which this notice relates is to be sold, or responsibility for the premises otherwise relinquished, and the occupier is also the owner of such premises, the occupier shall inform, in writing, any intending purchaser or occupier of the conditions of this notice, during negotiations for the sale or transfer of the premises.
- (3) (a) Where the occupier of the premises intends or is advised that the premises are to be sold, or that occupancy of the premises is to be transferred, the occupier shall notify the Commission, in writing, of the impending sale or transfer and, where it may be advised, of the name of the prospective owner or occupier, subject to clause 3(b), at least one month prior to the date of impending sale or transfer; and
- (b) Where such intention is formed or advice is given within one month of the intended sale or transfer of the premises, the occupier shall notify the Commission, in writing, immediately after such intention is formed or advice is given.

PETER STANDEN  
Director

-  
Per (signed) 16 May 1990  
LIZ HURST  
(Deputy Manager, Central Region  
by Authorisation)

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### Area No: 3177

The information below was correct at the time the notices were issued.

**Site:** Former SRA Site  
**Address:** Between Derbyshire Road and Balmain Road, Leichhardt, 2040  
**LGA:** Leichhardt Municipal Council

**Occupier:** Vacant  
**Owner:** State Rail Authority of NSW  
Lot 10 DP 1016734                                      Lot 11 DP 1016734

### Notices relating to this site (0 current and 4 former)

(Map) where available, maps show the part of the site affected by the notice

Notice recipient	Notice type & number	Status	Date
Not Applicable	Amendment or Repeal of Order or Notice <a href="#">20094401</a>	Former	Issued 26 Aug 2009
State Transit Authority of NSW	Agreed Voluntary Remediation Proposal <a href="#">26084</a>	Former	Issued 06 Mar 2006 Completed 19 Jun 2009
State Rail Authority of NSW	Agreed Voluntary Remediation Proposal <a href="#">26079</a>	Former	Issued 28 Sep 2005 Completed 19 Jun 2009
Not Applicable	Declaration of Remediation Site <a href="#">21052</a>	Former	Issued 11 May 2004 Repealed 26 Aug 2009

25 September 2012

**Environment Protection Authority****Notice to end significantly contaminated land declaration**

(Section 44 of the Contaminated Land Management Act 1997)

Notice Number 20094401; Area Number 3177

**Background**

The land to which this notice applies was declared as “significantly contaminated land” (declaration no. 21052) and has been the subject of an agreement to a voluntary management proposal (agreement no. 26079 and agreement no. 26084) issued by the Environment Protection Authority (“the EPA”)\*. The proponents carried out management works under the agreement. The management has been completed and the results have been made available to the EPA.

**Repeal**

Having reviewed the results of the management, the EPA is satisfied that it no longer has reason to believe that the land to which this notice applies is contaminated and that the contamination is significant enough to warrant regulation under the Act.

Pursuant to section 44 of the Contaminated Land Management Act 1997, Declaration of significantly contaminated land number 21052, dated 11 May 2004, gazetted on 14 May 2004 cease to be in force on the date on which this notice is published in the NSW Government Gazette.

**Land to which this notice applies**

Description	Address
Lots 10 and 11 in DP1016734	Located between Derbyshire Street, Moore Street and Balmain Road, Leichhardt

-

[Signed]

**NIALL JOHNSTON**

**Manager Contaminated Sites**

**Department of Environment, Climate Change and Water**

Date: 26 August 2009

**NOTE:****Information recorded by the EPA**

Section 58 of the Contaminated Land Management Act 1997 requires the EPA to maintain a public record. A copy of this notice will be included in the public record.

**Information recorded by councils**

Section 59 of the Act requires the EPA to give a copy of this notice to the relevant local council. The council may then make appropriate consequential modifications to the planning certificate issued in relation to the land to which this notice applies pursuant to s.149 of the *Environmental Planning and Assessment Act 1979*.

**Relationship to other regulatory instrument**

This repeal notice does not affect the provisions of any relevant environmental planning instruments which apply to the land or provisions of any other environmental protection legislation administered by the EPA.

**Previous regulatory instrument**

As of 1 July 2009, all current declarations for investigation area or declarations for remediation sites are taken to be declarations for significantly contaminated land, and all current orders for investigation area and orders for remediation site are taken to be management orders.

\*The DECCW exercises certain statutory powers in the name of the EPA.

Note: On 19 June 2009 in [Completion Notice No. 26C084](#) the EPA gave notice that this voluntary proposal had been satisfactorily completed.

Notice No: 26084

Area No: 3177

Date: 6 March 2006

Proponent: State Transit Authority of NSW

Site: The land to which this voluntary proposal relates is described as Lots 10 and 11 in Deposited Plan 1016734 located between Balmain Road, Moore Street West and Derbyshire Street, Leichhardt in the local government area of Leichhardt Municipal Council.

[Download Voluntary Agreement](#) (Format = PDF, Size = 531 kB)

Note: On 19 June 2009 in [Completion Notice No. 26C079](#) the EPA gave notice that this voluntary proposal had been satisfactorily completed.

Notice No: 26079

Area No: 3177

Date: 28 September 2005

Proponent: State Rail Authority of NSW

Site: The land to which this voluntary proposal relates is described as Lots 10 and 11 in Deposited Plan 1016734 located between Balmain Road, Moore Street West and Derbyshire Street, Leichhardt in the local government area of Leichhardt Municipal Council.

[Download Voluntary Agreement](#) (Format = PDF, Size = 509 kB)



## **Environment Protection Authority**

# **Declaration of remediation site**

(Section 21 of the Contaminated Land Management Act 1997)

Declaration Number 21052; Area Number 3177

The Environment Protection Authority ("EPA")\* declares the following land to be a remediation site under the *Contaminated Land Management Act 1997* ("the Act"):

### **1. Land to which this declaration applies ("the site"):**

Lots 10 and 11 in Deposited Plan 1016734, which is part of the former StateRail site located between Derbyshire Street, Moore Street West and Balmain Road in Leichhardt in the local government area of Leichhardt. A map of the site is available for inspection at the offices of the Department of the Environment and Conservation, Level 15, 59-61 Goulburn Street, Sydney, NSW.

### **2. Nature of the substance causing the contamination:**

The EPA has found that the site (soil and groundwater) is contaminated with the following substances ("the contaminants"):

- \_\_\_\_\_ Total petroleum hydrocarbons (TPH) in the fraction C<sub>6</sub>-C<sub>9</sub>, (including benzene, toluene, ethylbenzene and xylene) and, in particular, the fraction C<sub>10</sub>-C<sub>35</sub>.
- \_\_\_\_\_ Polycyclic aromatic hydrocarbons (PAHs) including benzo(a)pyrene.
- \_\_\_\_\_ Phenols.
- \_\_\_\_\_ Metals.

### **3. Nature of harm that the substance may cause:**

The EPA has considered the matters in section 9 of the Act and found that the site is contaminated with the contaminants listed above in such a way as to present a significant risk of harm to human health and the environment.

In particular, the EPA has found that:

1. Phase separated petroleum hydrocarbons within groundwater have been identified in the northwest and southeast of the site;
2. Groundwater contaminated with dissolved phase petroleum hydrocarbons and polycyclic aromatic hydrocarbons has migrated offsite towards Pioneer Memorial Park;
3. Groundwater contaminated with dissolved phase petroleum hydrocarbons, polycyclic aromatic hydrocarbons and phenols is present on the south-eastern boundary of the site.

Potential health risks exist for workers who may come into contact with contaminated soil and groundwater, including in any services adjacent to the site and in Pioneer Memorial Park.

There is a risk that contaminated groundwater may migrate from the site and impact on nearby sensitive receptors. Groundwater eventually discharges to Iron Cove and Rozelle Bay.

### **4. Further action under the Act**

The making of this declaration does not prevent the carrying out of a voluntary remediation of the site and any person may submit a voluntary remediation proposal for the site to the EPA. If the proposal satisfies the requirements of section 26 of the Act, the EPA may agree not to issue a remediation order to the person or persons bringing the proposal.

## 5. Submissions invited

The public may make written submissions to the EPA on:

- Whether the EPA should issue a remediation order in relation to the site; or
- Any other matter concerning the site.

Submissions should be made in writing to:

Director Contaminated Sites  
Department of Environment and Conservation  
PO Box A290  
SYDNEY SOUTH NSW 1232

or faxed to 02 9995 5930

by not later than **11 June 2004**.

[SIGNED]

**CAROLYN STRANGE**

**Director Contaminated Sites**

**Department of Environment and Conservation**

Date: 11 May 2004

### **NOTE:**

#### **Remediation order may follow**

If remediation of the site or part of the site is required, the EPA may issue a remediation order under s.23 of the Act.

#### **Variation/Revocation**

This declaration remains in force until it is otherwise varied or revoked. A declaration may only be revoked when the EPA does not have reasonable grounds to believe that land is contaminated in such a way as to present a significant risk of harm (s.44 of the Act).

#### **Information recorded by the EPA**

S.58 of the Contaminated Land Management Act 1997 requires the EPA to maintain a public record. A copy of this remediation declaration will be included in the public record.

#### **Information recorded by councils**

S.59 of the Act requires the EPA to give a copy of this declaration to the relevant local council. The council is then required to note on its planning certificate issued pursuant to s.149 (2) of the Environmental Planning and Assessment Act that the land is currently an area covered by a declaration issued under the Act. The EPA is required to notify council as soon as practicable when the declaration is no longer in force and the notation on the s.149 (2) certificate is removed.

**\* The EPA is part of the Department of Environment and Conservation**

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**Area No: 3084**

The information below was correct at the time the notices were issued.

**Site:** Ampol Balmain  
**Address:** Reynolds and Buchanan Streets, Rozelle, 2039  
**LGA:** Leichhardt Municipal Council

**Occupier:** Ampol Ltd  
**Owner:** Ampol Ltd

Lot 1 DP 83063	Lot 2 DP 83063	Lot 3 DP 83063	Lot 4 DP 83063	Lot 5 DP 83063	Lot 6 DP 83063
Lot 9 DP 83063	Lot 1 DP 708285				

**Notices relating to this site (0 current and 8 former)**

(Map) where available, maps show the part of the site affected by the notice

Notice recipient	Notice type & number	Status	Date
Ampol Ltd	EHC Act Revocation Notice <a href="#">382</a>	Former	Issued 27 Jul 1994
Ampol Ltd	Section 35 EHC Act Order <a href="#">360</a> <a href="#">Map</a>	Former	Issued 08 Nov 1993 Revoked 27 Jul 1994
Ampol Ltd	Section 35 EHC Act Order <a href="#">319</a>	Former	Issued 25 Jan 1993 Revoked 27 Jul 1994
Ampol Ltd	Section 35 EHC Act Order <a href="#">337</a>	Former	Issued 14 Sep 1992 Revoked 27 Jul 1994
Ampol Ltd	Section 35 EHC Act Order <a href="#">304</a>	Former	Issued 04 May 1992 Revoked 27 Jul 1994
Ampol Ltd	Section 35 EHC Act Order <a href="#">305</a>	Former	Issued 04 May 1992 Revoked 27 Jul 1994
Ampol Ltd	Section 35 EHC Act Order <a href="#">298</a>	Former	Issued 08 Apr 1992 Revoked 27 Jul 1994
Ampol Ltd	Section 35 EHC Act Order <a href="#">293</a>	Former	Issued 11 Mar 1992 Revoked 27 Jul 1994

25 September 2012

**CERTIFIED MAIL**

The Secretary  
Ampol Limited  
580 George Street  
SYDNEY NSW 2001

Our Reference: 400250D2  
Notice # 382 / 3084

Contact: Jenni Bowly

Attention: Mr Brian Moore

**NOTICE UNDER SECTION 35 OF THE  
ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT (1985)**

**WHEREAS:-**

- A. Ampol Limited is the owner of the premises located at the corner of Reynolds and Buchanan Streets, Balmain, identified as Lots 1, 2, 3, 4, 5, 6 and 9 in DP 83063.
- B. The premises have been used in connection with the carrying on of a prescribed activity, namely an act of manufacturing, processing, keeping, distributing, conveying, selling or disposing of a chemical or chemical waste or any act relating to such act.
- C. The premises have been deemed to be contaminated by reason of their being environmentally degraded.
- D. Section 35 Notices have been served on Ampol Limited as the occupier / owner of the above mentioned site on 3 March 1992, 8 April 1992, 4 May 1992, 14 September 1992, 25 January 1993, and 8 November 1993.

**TAKE NOTE THAT:-**

- 1. In April 1994, the EPA received a copy of the report entitled "Site Remediation Validation Former Ampol Terminal Balmain, NSW April 1994" prepared by Envirosiences Pty Limited, the environmental consultants acting on behalf of Ampol Limited.
- 2. The EPA is satisfied that Ampol Limited's consultants have carried out the investigation, remedial and validation work ("the Works") in relation to the premises in accordance with all the requirements of the EPA as specified in the above mentioned notices.
- 3. In accordance with the powers vested in the EPA by the provisions of Section 35 (6) of the Environmentally Hazardous Chemicals Act, 1985:-

The EPA hereby revokes all previous Notices issued to Ampol Limited, in relation to the above mentioned site, under Section 35 of the Environmentally Hazardous Chemicals Act, 1985.

**NEIL SHEPHERD**

**Director-General**

(signed – 27/07/1994)

Per .....

ALAN RITCHIE

A/Director Hazardous Substances  
by Authorisation)

c.c. Regional Manager Inner Sydney (EPA)

c.c. Section 35 Register

c.c. Town Clerk Leichhardt Council

CERTIFIED MAIL  
The Secretary  
Ampol Limited  
580 George Street  
SYDNEY NSW 2001

400250D2 #360 UBL No. 3084

Contact: D. Featherston

Attention: Mr Brian Moore

THE ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985:  
NOTICE UNDER SECTION 35

**TAKE NOTICE THAT:-**

In accordance with the powers vested in the EPA by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the EPA directs, in relation to premises occupied by you located at the corner of Reynolds and Buchanan Streets Balmain, identified as Lots 1,2,3,4,5,6 and 9 in DP 83063, that:

1. A boundary retaining wall must be constructed on the premises in accordance with the specifications detailed in a letter to the EPA from Envirosciences Pty Ltd (Envirosciences), dated 2 July 1993 (J257:EHF;kj). The exact positioning of the wall must be surveyed and marked on a plan of the premises and submitted to the EPA within seven (7) days of the completion of the wall.
2. Validation of remediation work on the premises must be carried out in accordance with the proposal submitted to the EPA on 7 June 1993 and the amended proposal submitted to the EPA on 16 July 1993. Validation results must be submitted to the EPA for review within 7 days of a report being received by you.
3. The soil in the remediation cell described as Cell A (see attached plan - Drawing No. J257/2) is considered to have been remediated to a level which would permit it to be used as fill material on the premises if placed at least two (2) metres below the final surface level. Once backfilling has been completed with the soil from Cell A, the location and depth of that soil must be surveyed and a plan showing those details must be submitted to the EPA.

**ENFORCEMENT**

If you neglect or refuse to comply with this Notice, you are guilty of an offence against the

Environmentally Hazardous Chemicals Act, and are liable to a penalty of up to \$125,000. Failure to comply with this Notice may also result in proceedings being commenced under Section 57 of the Environmentally Hazardous Chemicals Act, 1985 to remedy or restrain a breach of the directions given herein.

The EPA retains the right to commence a prosecution for any offence committed under any Pollution Control Act.

You are advised that it is an offence if an occupier, without lawful authority, wilfully or negligently causes any substance to leak, spill or otherwise escape (whether or not from a container) in a manner which harms or is likely to harm the environment pursuant to Section 6(1) of the Environmental Offences and Penalties Act, 1989. The maximum penalty is one million dollars.

**NEIL SHEPHERD**  
**Director-General**

(Per (signed) 8/11/93  
**ERROL SAMUEL**  
**Director-Hazardous Substances**  
by Authorisation)

CC: Leichhardt Municipal Council Regional Manager Inner Sydney Section 35 Register

[Map](#)



**CERTIFIED MAIL**

The Secretary  
Ampol Limited  
580 George Street

SYDNEY NSW 2001

**Our Reference: 400250D2 #319**

**Our Reference: UBL No. 3084**

Contact: D. Featherston

Attention: Mr Brian Moore

**THE ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985:**  
**NOTICE UNDER SECTION 35**

**WHEREAS:-**

- a. Ampol Limited is the occupier of premises located at Lots 1,2,3,4,5,6 and 9 in DP 83063 situated at the corner of Reynolds and Buchanan Streets Balmain ("the premises"); and
- b. The premises have been or are being used for or in connection with the carrying on of an activity, prescribed under the Environmentally Hazardous Chemicals Act, namely an act of manufacturing, processing, keeping, distributing, conveying, using, selling or disposing of petroleum, oil, grease and solvents; and
- c. The premises are reasonably believed to be contaminated primarily by hydrocarbons and heavy metals by reason of the carrying on of the prescribed activity; and
- d. The premises have been deemed to be contaminated because they are environmentally degraded as a consequence of being affected by the chemicals and/or chemical wastes described in paragraph c; and
- e. A Notice under Section 35 of the Environmentally Hazardous Chemicals Act 1985 dated 4 May 1992 was served on the premises. That Notice directed Ampol Limited to undertake further sampling on the premises and submit a detailed investigation report and a draft remedial action plan to the Environment Protection Authority (EPA).
- f. A limited remediation was carried out on the premises in October 1992 which confirmed that the residual contamination could be remediated on-site.

**TAKE NOTICE THAT:-**

In accordance with the powers vested in the EPA by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the EPA directs that:

1. Ampol Ltd carry out remediation on the premises in accordance with "Remediation Action Plan Contaminated Subsurface Materials Former Ampol Terminal Balmain, NSW", Envirosciences Pty Ltd, December 1992 (referred to hereafter as "the RAP"). This remediation shall be hereafter referred to as "the Works".
2. Remediation shall be carried out in the areas designated on Drawing No. J182/5 in the RAP. No remediation shall be carried out in areas not designated for this purpose.
3. Levels of hydrocarbon odours on the premises and on the boundaries be monitored and the results forwarded to the EPA within twenty-four hours of them becoming available. A log shall also be kept of any complaints received regarding odour problems and/or any other problems resulting from the Works. This log shall include:
  - i) name and address of complainant (if possible);
  - ii) time and date of complaint;
  - iii) wind direction and speed at time of complaint;
  - iv) general weather conditions at time of complaint.

Any complaints received by Ampol Limited or its consultant shall be forwarded to the EPA within twenty four (24) hours of them being received.

4. The name and telephone number of an appropriate contact who is available 24 hours per day shall be forwarded by fax (325-5788) to the EPA before the Works are commenced.
5. Ampol Limited provide the EPA with full specifications of the proposed cutoff wall referred to in Section 3.10 of the RAP. These details shall be provided before construction commences of the cutoff wall.
6. Ampol Limited provide the EPA with interim reports outlining the progress of the Works. The interim reports shall be submitted to the EPA at two (2) monthly intervals, beginning two (2) months after the date of this Notice.
7. Ampol Limited upon completion of the Works, submit a detailed investigation report for review by the EPA. This report is to be submitted within one (1) month of the availability of the results of the Works. A final remedial action plan shall also be submitted at the same time for review by the EPA.

**NEIL SHEPHERD**  
**Director-General**

(signed – 25/01/1993)

(Per .....

Alan J Ritchie

**Acting Director-Hazardous Substances**

by Authorisation)

## NOTES

This Notice is in addition to that served on the Company dated 20 February 1992 and does not revoke that Notice.

This Notice does not derogate from the provisions of any relevant environmental planning instrument which may control the use of the land on which the premises are located or from any Act administered by the EPA. In this regard, and without limiting the generality of the foregoing, you are required to ensure that appropriate action is taken to:

1. Ensure compliance with the Clean Air Act, 1961 in relation to dust caused as a consequence of the Works; and
2. Ensure that offensive noise as defined in the Noise Control Act, 1975 is not emitted from the premises as a consequence of the Works; and
3. Ensure that in accordance with the Clean Waters Act, 1970, surface runoff caused by the Works is directed to the premises existing water treatment facility and discharged in accordance with current EPA licence conditions.

Failure to comply with this Notice is an offence and may result in proceedings being commenced under Section 57 of the Environmentally Hazardous Chemicals Act 1985, to remedy or restrain a breach of the directions given herein. The EPA retains the right to commence a prosecution for any offence committed under any Pollution Control Act or any previous Notices pursuant to Section 35 of the Environmentally Hazardous Chemicals Act 1985, served on these premises which has not otherwise been expressly revoked.

You are advised that it is an offence if an occupier, without lawful authority, wilfully or negligently causes any substance to leak, spill or otherwise escape (whether or not from a container) in a manner which harms or is likely to harm the environment pursuant to the Environmental Offences and Penalties Act, 1989.

CC: Leichhardt Municipal Council Regional Manager Outer Sydney Section 35 Register

[DF3-AMPONOT3.WP]

CERTIFIED MAIL  
Secretary  
Ampol Limited  
580 George Street  
SYDNEY NSW 2001

400250D2

Contact: D. Featherston

Attention: Mr Brian Moore

Dear Sir,

**THE ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985:**  
**NOTICE UNDER SECTION 35**

Approval to Carry out a Limited Remediation Trial

**WHEREAS:**

- a. Ampol Limited is the occupier of premises located at Lots 1,2,3,4,5,6 and 9 in DP 83063 situated at the corner of Reynolds and Buchanan Streets Balmain; and
- b. The premises have been or are being used for or in connection with the carrying on of an activity, prescribed under the Environmentally Hazardous Chemicals Act, namely an act of manufacturing, processing, keeping, distributing, conveying, using, selling or disposing of a chemical or chemical waste or any act related to such act.
- c. The premises are reasonably believed to be contaminated primarily by hydrocarbons and heavy metals as a consequence of the carrying on of the prescribed activity.
- d. The premises have been deemed to be contaminated because they are environmentally degraded as a consequence of being affected by the chemicals/chemical wastes described in paragraph c.
- e. A Notice under Section 35 of the Environmentally Hazardous Chemicals Act 1985 dated 4 May 1992 was served on the premises described in paragraph a. That Notice directed Ampol Limited to undertake further sampling on the premises and submit a detailed investigation report and a draft remedial action plan to the Environment Protection Authority.

**TAKE NOTICE THAT:-**

In accordance with the powers vested in the Environment Protection Authority (EPA) by the

provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the EPA directs that:

1. Ampol Limited carry out a trial remediation program ("the Works") in the area defined as "proposed area of trial remediation" in Envirosiences Pty Ltd. Drawing No. J125/A submitted to the EPA as an attachment to the letter (ref. J182:EHF:kj) dated 26 August 1992.
2. The volume of soil to be landfarmed for the purposes of the works shall not exceed 500m<sup>3</sup> and shall only be derived from the existing stockpile defined in Drawing No. J125/A.
3. Ampol Limited ensures the Works not cause excessive dust emissions. Any dust generation from the site shall be avoided and controlled by application of an appropriate water spray. If water alone is not effective in controlling dust generation, a dust suppressive agent shall be added to improve dust suppression.
4. All surface runoff from the area referred to in Clause 1 be directed to the premises' existing water treatment facility and discharged in accordance with the current EPA licence conditions.
5. Noise control be effected to comply with the provisions of the Noise Control Act. Work shall only be permitted between 7:30 am to 5:30 pm weekdays and 7:30 am to 1:00 pm Saturdays. No work is permitted on Sundays or Public Holidays.
6. Levels of hydrocarbon odours be monitored by Photovac photoionisable detector (PID) and the results forwarded to the EPA within twenty-four hours. A log shall also be kept of

any complaints received regarding odour problems and/or any other problems resulting from the Works. This log shall include:

- name and address of complainant (if possible);
- time and date of complaint;
- wind direction and speed at time of complaint;
- general weather conditions at time of complaint.

Any complaints received by Ampol Limited or its consultant shall be forwarded to the EPA within twenty four (24) hours of them being received.

7. If readings on the Photovac PID exceed ten (10) parts per million, the Works shall cease immediately and the EPA shall be advised within forty eight (48) hours.
8. Ampol Limited upon completion of the Works, submit a detailed investigation report for review by the EPA. This report is to be submitted within one (1) month of the availability of the results of the works. A final remedial action plan shall also be submitted at the same time for review by the EPA.

This Notice and the Conditions attached to it are in addition to those on the Company by Notice dated 20 February 1992 and do not revoke that Notice, or the Conditions attached thereto.

This Notice does not derogate from the provisions of any relevant environmental planning instrument which may control the use of the land on which the premises are located.

Failure to comply with this Notice is an offence and may result in proceedings being commenced under Section 57 of the Environmentally Hazardous Chemicals Act 1985, to remedy or restrain a breach of the directions given herein. The EPA retains the right to commence a prosecution for any offence committed under any Pollution Control Act or any previous Notices pursuant to Section 35 of the Environmentally Hazardous Chemicals Act 1985, served on these premises which has not otherwise been expressly revoked.

You are advised that it is an offence if an occupier, without lawful authority, wilfully or negligently

causes any substance to leak, spill or otherwise escape (whether or not from a container) in a manner which harms or is likely to harm the environment pursuant to the Environmental Offences and Penalties Act, 1989.

**NEIL SHEPHERD**

**Director-General**

(signed)

(Per

**P B Yates**

**Director-Sydney Regions 14.9.92**

by Authorisation)

CC: Leichhardt Municipal Council

Regional Manager Outer Sydney

Section 35 Register

**CERTIFIED MAIL**

The Secretary  
Ampol Limited  
580 George Street  
SYDNEY NSW 2001

400250D2

Contact: D. Featherston

Attention: Mr Brian Moore

Dear Sir,

**THE ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985:**  
**NOTICE UNDER SECTION 35**

**Approval to Undertake Sampling**

**WHEREAS:-**

1. Ampol Limited is the occupier of premises located at Lots 1,2,3,4,5,6 and 9 in DP 83063 situated at the corner of Reynolds and Buchanan Streets Balmain; and
2. The premises have been or are being used for or in connection with the carrying on of an activity, prescribed under the Environmentally Hazardous Chemicals Act, namely an act of manufacturing, processing, keeping, distributing, conveying, using, selling or disposing of a chemical or chemical waste or any act related to such act.
3. The premises are reasonably believed to be contaminated primarily by hydrocarbons and heavy metals as a consequence of the carrying on of the prescribed activity.
4. The premises have been deemed to be contaminated because they are environmentally degraded as a consequence of being affected by the chemicals/chemical wastes described in Clause 3.
5. A Notice under Section 35 of the Environmentally Hazardous Chemicals Act 1985 dated 8 April 1992 was served on the premises described in (1).

**TAKE NOTICE THAT:-**

In accordance with the powers vested in the Environment Protection Authority by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the Authority directs that:

1. Ampol Limited shall undertake to conduct further sampling as described in the Envirosiences proposal "Detailed Investigation of Former Balmain Terminal Site" dated 7 April 1992. The objective of the sampling program is to fully define the extent of



contamination on the former terminal site.

2. Ampol Limited shall, upon completion of the sampling program referred to in (1), submit a detailed investigation report for review by the Authority. A draft remedial action plan shall also be submitted at the same time for review by the Authority.
3. The investigation report and draft remedial action plan shall be submitted to the Authority no later than the close of business 31 October 1992. Interim reports outlining progress with sampling and analysis and any problems encountered shall be submitted to the Authority once every two months. These shall be submitted no later than the close of business on the following dates: 30 June 1992 and 31 August 1992.
4. Ampol Limited shall ensure that all appropriate environmental safeguards are in place during onsite operations.

This Notice does not derogate from the provisions of any relevant environmental planning instrument which may control the use of the land on which the premises are located.

This Notice and the Conditions attached to it, are in addition to those served on the Company by Notice dated 20 February 1992 and do not revoke that Notice, or the Conditions attached thereto.

**NEIL SHEPHERD**

Director General

Per. (signed) 4/5/92

WARREN HICKS

(Acting Regional Director - Sydney,  
by Authorisation)

CC: Leichhardt Municipal Council Regional Manager Northern Sydney

[DF-WM2-AMPONOTI.WP]

**CERTIFIED MAIL**

The Secretary  
Ampol Limited  
580 George Street  
SYDNEY NSW 2001

**Our Reference: 400250D1**

**Your Reference:**

Contact: D. Featherston

Attention: Mr Brian Moore

**THE ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985:**  
**NOTICE UNDER SECTION 35**

**WHEREAS:-**

1. Ampol Limited is the occupier of premises located at Lots 1,2,3,4,5,6 and 9 in DP 83063 situated at the corner of Reynolds and Buchanan Streets Balmain; and
2. A Notice under Section 35 of the Environmentally Hazardous Chemicals Act 1985 was served on Lot 1, DP 708285.
3. This Notice was dated 10 March 1992.

**TAKE NOTICE:-**

1. The Notice served on Lot 1 DP 708285 is hereby revoked.

**NEIL SHEPHERD**  
**Director-General**

(signed – 04/05/92)

Per.....  
Warren Hicks  
(Acting Regional Director Sydney  
by Authorisation)

CC: **Leichhardt Municipal Council Regional Manager Northern Sydney**

CERTIFIED MAIL  
The Secretary  
Ampol Limited  
580 George Street  
SYDNEY NSW 2001

400250D2

Attention: Mr Brian Moore

Dear Sir,

**THE ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985:**  
**NOTICE UNDER SECTION 35**

**WHEREAS:-**

1. Ampol Limited is the occupier of premises located at Lots 1,2,3,4,5,6 and 9 in DP 83063 situated at the corner of Reynolds and Buchanan Streets Balmain; and
2. The premises have been or are being used for or in connection with the carrying on of an activity, prescribed under the Environmentally Hazardous Chemicals Act, namely an act of manufacturing, processing, keeping, distributing, conveying, using, selling or disposing of a chemical or chemical waste or any act related to such act.
3. The premises are reasonably believed to be contaminated primarily by hydrocarbons and heavy metals as a consequence of the carrying on of the prescribed activity.
4. The premises have been deemed to be contaminated because they are environmentally degraded as a consequence of being affected by the chemicals/chemical wastes described in Clause 3.

**TAKE NOTICE THAT:-**

In accordance with the powers vested in the Environment Protection Authority by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the Authority directs that:

1. (1). Should you wish to undertake any works on the premises which could constitute prescribed remedial action, you shall do so only in accordance with an approval in writing given by the Authority.  
  
(2). You shall give the Authority prior notice before commencing any works approved pursuant to Sub-Clause (1).
- (3). For the purposes of this Clause, prescribed remedial action is as defined in Section 33(2) of the Act, namely a reference to -
  - (a) removing the cause of the contamination from the premises;
  - (b) reducing the contamination of the premises;

(c) eliminating or reducing any danger arising from the contamination of the premises;

or

(d) restoring the premises.

(4). The above definition includes works which have the effect or intention of:

(a) dispersing or covering the contamination;

(b) removing or disposing of any soil, sand, rock, water or any solid or liquid material of any kind from the premises;

(c) the disturbance of any land or buildings on the premises; and/or

(d) stockpiling or otherwise storing any bulk material on the existing land surface

2. If you become aware that the premises to which this notice relates are to be sold, that occupancy of the premises are to be transferred or responsibility for the premises otherwise relinquished:

(a) within one month of becoming aware, you shall inform the Authority in writing, and

(b) where you are advised of the name of the prospective owner or occupier you, within 48 hours, in writing shall:

(i) notify the Authority and

(ii) notify the intending purchaser or occupier of the conditions of this Notice.

The role of the Authority is regulatory. Any advice required by you must be obtained as a result of your own independent enquiries.

This Notice does not derogate from the provisions of any relevant Environmental Planning Instrument which may control the use of land on which the premises are located or from any other Act administered by the Authority.

Failure to comply with this Notice may result in proceedings being commenced under section 57 of the Environmentally Hazardous Chemicals Act to remedy or restrain a breach of the directions given herein. The Authority retains the right to commence a prosecution for any offence committed under any Pollution Control Act. You are advised that it is an offence if an occupier, without lawful authority, wilfully or negligently disposes of a waste or causes any substance to leak, spill or otherwise escape in a manner which harms or is likely to harm the environment pursuant to Sections 5 and 6 of the Environmental Offences and Penalties Act, 1989. The maximum penalty that may be imposed for such an offence is one million dollars.

**NEIL SHEPHERD**

Director General

Per (signed)

Peter B Yates

7.4.1992 (Regional Director Sydney Metropolitan by Authorisation)

**CC: Regional Manager Northern Sydney Town Clerk Leichhardt Municipal Council  
Register of Section 35 Notices**

**CERTIFIED MAIL**

The Secretary  
Ampol Limited  
580 George Street  
SYDNEY NSW 2001

400250D2

Attention: Mr Brian Moore

Dear Sir,

**THE ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985:**  
**NOTICE UNDER SECTION 35**

**WHEREAS:-**

1. Ampol Limited is the occupier of premises located at Lot 1, DP 708285 Reynolds Street Balmain; and
2. The premises have been or are being used for or in connection with the carrying on of an activity, prescribed under the Environmentally Hazardous Chemicals Act, namely an act of manufacturing, processing, keeping, distributing, conveying, using, selling or disposing of a chemical or chemical waste or any act related to such act.
3. The premises are reasonably believed to be contaminated primarily by hydrocarbons and heavy metals as a consequence of the carrying on of the prescribed activity.
4. The premises have been deemed to be contaminated because they are environmentally degraded as a consequence of being affected by the chemicals/chemical wastes described in Clause 3.

**TAKE NOTICE THAT:-**

In accordance with the powers vested in the Environment Protection Authority by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the Authority directs that:

1. (1). Should you wish to undertake any works on the premises which could constitute prescribed remedial action, you shall do so only in accordance with an approval in writing given by the Authority.  
  
(2). You shall give the Authority prior notice before commencing any works approved pursuant to Sub-Clause (1).  
  
(3). For the purposes of this Clause, prescribed remedial action is as defined in Section 33(2) of the Act, namely a reference to -

- (a) removing the cause of the contamination from the premises;
  - (b) reducing the contamination of the premises;
  - (c) eliminating or reducing any danger arising from the contamination of the premises;  
or
  - (d) restoring the premises.
- (4). The above definition includes works which have the effect or intention of:
- (a) dispersing or covering the contamination;
  - (b) removing or disposing of any soil, sand, rock, water or any solid or liquid material of any kind from the premises;
  - (c) the disturbance of any land or buildings on the premises; and/or
  - (d) stockpiling or otherwise storing any bulk material on the existing land surface
2. If you become aware that the premises to which this notice relates are to be sold, that occupancy of the premises are to be transferred or responsibility for the premises otherwise relinquished:
- (a) within one month of becoming aware, you shall inform the Authority in writing, and
  - (b) where you are advised of the name of the prospective owner or occupier you, within 48 hours, in writing shall:
    - (i) notify the Authority and
    - (ii) notify the intending purchaser or occupier of the conditions of this Notice.

The role of the Authority is regulatory. Any advice required by you must be obtained as a result of your own independent enquiries.

This Notice does not derogate from the provisions of any relevant Environmental Planning Instrument which may control the use of land on which the premises are located or from any other Act administered by the Authority.

Failure to comply with this Notice may result in proceedings being commenced under section 57 of the Environmentally Hazardous Chemicals Act to remedy or restrain a breach of the directions given herein. The Authority retains the right to commence a prosecution for any offence committed under any Pollution Control Act. You are advised that it is an offence if an occupier, without lawful authority, wilfully or negligently disposes of a waste or causes any substance to leak, spill or otherwise escape in a manner which harms or is likely to harm the environment pursuant to Sections 5 and 6 of the Environmental Offences and Penalties Act, 1989. The maximum penalty that may be imposed for such an offence is one million dollars.

**NEIL SHEPHERD**  
Director General



Per (signed)  
Peter B Yates 11.3.1992  
(Acting Regional Director Sydney  
by Authorisation)

CC: Regional Manager Northern Sydney Town Clerk Leichhardt Municipal Council Register of  
Section 35 Notices

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**Area No: 3069**

The information below was correct at the time the notices were issued.

**Site:** Balmain Power Station

**Address:** Terry Street, Rozelle, 2039

**LGA:** Leichhardt Municipal Council

**Occupier:** Pacific Power

Lot 1 DP 220473

**Notices relating to this site (0 current and 5 former)**

(Map) where available, maps show the part of the site affected by the notice

Notice recipient	Notice type & number	Status	Date
Pacific Power International Pty Ltd	EHC Act Revocation Notice <a href="#">451</a>	Former	Issued 11 Aug 1997
Electricity Commission of NSW	Section 35 EHC Act Order <a href="#">201</a> <a href="#">Map</a>	Former	Issued 13 Feb 1991 Revoked 11 Aug 1997
Electricity Commission of NSW	Section 35 EHC Act Order <a href="#">168</a>	Former	Issued 27 Apr 1990 Revoked 11 Aug 1997
Electricity Commission of NSW	Section 35 EHC Act Order <a href="#">139</a>	Former	Issued 27 Jun 1989 Revoked 11 Aug 1997
Electricity Commission of NSW	Section 35 EHC Act Order <a href="#">131</a>	Former	Issued 03 May 1989 Revoked 11 Aug 1997

25 September 2012

**CERTIFIED MAIL**

Pacific Power International Pty Ltd  
G P O Box 5257  
SYDNEY NSW 2001

Section 35 Notice # 451/3069

Contact: Jim Libby  
11 AUG 1997  
Attention Mr Karabesinis

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985  
NOTICE UNDER SECTION 35**

**WHEREAS:**

- A. Pacific Power International Pty Ltd (ACN 003 424 691) is the occupier of premises known as Balmain Power Station, which is described as Lot 1 in Deposited Plan 220473 ("the premises").
- B. The premises were used for the carrying on of a prescribed activity, namely the act of keeping and using chemicals and the disposing of chemical wastes.
- C. The premises were deemed to be contaminated by reason of their being affected by chemical wastes, which include soil and other materials, which is contaminated with a range of contaminants including polychlorinated biphenyl compounds (PCBs) and asbestos such as to render the premises environmentally degraded.
- D. Notices pursuant to Section 35 of the Environmentally Hazardous Chemicals Act, 1985 have been served on Pacific Power International Pty Ltd (or its predecessors) as occupier of the premises, on the following dates:

Notice dated 3 May 1989, number 131/3069

Notice dated 27 June 1989, known as Annexure A

Notice dated 27 April 1990, number 168/3069, known as Annexure 1

Notice dated 22 June 1990

Notice dated 13 February 1991, number 201/3069, known as Annexure 2

- E. The Environment Protection Authority (EPA) has reviewed the following documents:
  - "Validation Survey of Remediation Works for Balmain Power Station Switchyard", dated June 1993, by Envirosiences Pty. Ltd.
  - "Asbestos Survey Report for the Balmain Power Station Site", dated February 1994, by

Pacific Power Engineering Services Group, Project Services Branch.

- "Environmental Site Assessment of Balmain Power Station", dated January 1996, by AGC Woodward-Clyde.
- "Evaluation of Remedial Options, Balmain Power Station", dated January 1996, by AGC Woodward-Clyde.
- Letter from Pacific Power to the NSW EPA, dated 3 July 1997.

F. The above documents demonstrate that the EPA requirements as specified in the notices listed in clause D, have been met.

TAKE NOTICE THAT:

In accordance with the powers vested in the EPA by the provisions of the Environmentally Hazardous Chemicals Act 1985, the EPA hereby revokes all Section 35 Notices listed in clause D.

NEIL SHEPHERD  
Director-General

(signed) 11/8/97  
Cathy Dyer  
Manager Contaminated Sites  
(by delegation)

cc  
EPA Regional Manager Inner Sydney  
General Manager, Leichhardt Municipal Council  
Register of Section 35 Notices

The Secretary Electricity Commission of NSW  
Electricity House  
Park and Elizabeth Streets  
GPO Box 5257  
SYDNEY NSW 2001

400124D1 TR:HH

ATTENTION: T Bryant

13 FEB 1991

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**  
**ANNEXURE 2 - APPROVAL TO CONDUCT WORKS - BALMAIN**

**WHEREAS:-**

1. The Electricity Commission of NSW is the occupier of premises:
  - 1.1 located at Margaret and Terry Streets, Rozelle, NSW, 2039, known as the Balmain Power Station,
  - 1.2 contaminated by asbestos and other Environmentally hazardous chemicals.
2. The Electricity Commission is currently demolishing the Balmain Power Station site for possible future commercial/industrial development.
3. The Commission issued a notice dated 3rd May, 1989, under Section 35 of the Environmentally Hazardous Chemicals Act, 1985 directing the Electricity Commission to obtain a written approval before any land on the premises is disturbed.
4. The Commission has been informed that the decontamination of the site involves (1) removal of asbestos, (2) removal of drums and vessels which contain various chemicals and chemical wastes, and (3) decontamination of soil possibly contaminated with chemical wastes eg. Hydrocarbon.
5. The Commission granted approval on 27th June, 1989 to the Electricity Commission to remove asbestos as specified. That approval henceforth shall be referred to as "ANNEXURE A - APPROVAL TO CONDUCT WORKS - BALMAIN".
6. The Commission granted approval: "ANNEXURE 1 - APPROVAL TO CONDUCT WORKS" on 27th April, 1990, to the Electricity Commission to remove drums and vessels containing chemicals and chemical wastes.

**TAKE NOTICE THAT:-**

Under powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, and in accordance with the provisions of the aforementioned notice dated 3rd May, 1989, the Electricity Commission is directed to remove asbestos from the Balmain Power Station subject to the following additional conditions:-

1. Asbestos dust monitoring shall be carried out at the locations designated on the attached diagrams. The specifications of such monitoring and testing shall be according to the methods specified in the letter from the Electricity Commission dated 20 November, 1990.
2. The results of such monitoring shall be recorded in a log book and shall be made available to the Commission on request.
3. Any result exceeding 0.01 fibres/ml time weighted average per working shift shall be reported to the Commission's Regional Manager, Central Sydney by facsimile within 24 hours of that result first becoming known.
4. The cause of any such exceedance shall be investigated and the work on the site shut down until the Electricity Commission is satisfied that such cause has been rectified and the Electricity Commission has reported the result of the investigation to the Pollution Control Commission.

This notice shall be referred to as ANNEXURE 2 - BALMAIN to the notice dated 3rd May, 1989.

PROFESSOR J NILAND  
Director

Per (signed) 13 FEB 1991  
(I. POWELL  
Manager, Waste Management  
by Authorisation)

[6W-CSTR003H.LTR]

Encl: Attachment No.1 - Asbestos Monitoring Locations

[Map](#)

The Secretary  
Electricity Commission of NSW  
Electricity House  
Park and Elizabeth Streets, Sydney  
GPO Box 5257  
SYDNEY NSW 2001

6WA14-LKN04  
940026D KN:MZ

ATTENTION: P. Ballantyne

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**  
**ANNEXURE 1 - APPROVAL TO CONDUCT WORKS**

-  
WHEREAS: -

1. The Electricity Commission of NSW is the occupier of premises:
  - located at Margaret Street and Terry Street, Rozelle, NSW 2039, known as the Balmain Power Station, and
  - holding drums and vessels containing chemicals or chemical wastes on the premises.
2. The Electricity Commission is currently demolishing the Balmain Power Station site for possible future residential development.
3. The Commission issued a notice dated 3rd May, 1989, under Section 35 of the Environmentally Hazardous Chemicals Act, 1985 directing the Electricity Commission to obtain a written approval before any land on the premises being disturbed.
4. The Commission has been informed that the decontamination of the site involves (1) removal of asbestos, (2) removal of drums and vessels which contain various chemicals and chemical wastes, e.g. polychlorinated biphenyls (PCB) wastes, and (3) decontamination of soil possibly contaminated with chemical wastes e.g. PCB, Hydrocarbon.
5. The Electricity Commission applied for approval to remove drums and vessels containing chemicals and chemical wastes from the premises. The letter dated 3rd April, 1990 refers.

**TAKE NOTICE THAT:-**

Under powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, and in accordance with the provisions of the aforementioned notice dated 3rd May, 1989, the Electricity Commission is granted approval to remove drums and vessels containing chemicals and chemical wastes from the Balmain Power Station detailed in your letter dated 3rd April, 1990 subject to the following conditions:-

1. Removal of drums and vessels containing chemicals and chemical wastes shall be carried out in accordance with your letter dated 3rd April, 1990.
2. The Electricity Commission shall advise the Commission, in writing, upon completion of the works.

This notice shall be referred to as Annexure 1 to the notice dated, 3rd May, 1989.

PETER STANDEN

Director

Per (signed) 27/4/90  
(A.J. CRAPP)  
(Regional Manager - Central Sydney)  
(by Authorisation)



The Secretary  
Electricity Commission of NSW  
GPO Box 5257  
SYDNEY NSW 2001 200  
940025/26/28D

MAV 54757

Attention: J Sligar

Environmentally Hazardous Chemicals Act, 1985  
Notice Under Section 35  
Approval to Conduct Works

I refer to the above correspondence, dated 2 June 1989, between the Electricity Commission of NSW and the State Pollution Control Commission, regarding proposed asbestos removal works to be carried out at White Bay, Balmain and Pyrmont Power Stations.

The Electricity Commission of NSW is hereby granted approval to carry out the asbestos removal works as detailed in the abovementioned correspondence. Disposal of the removed asbestos material shall be in accordance with Appendix 1 of the document, Specifications and Contract Number 3974, which was attached to your correspondence, and the State Pollution Control Commission's Chemical Control Order in Relation to Asbestos Wastes. A copy of this Chemical Control Order, which is included in our Commission's publication Assessment of Asbestos Wastes (Assessment Report 87/1), is attached for your information.

The works are to be conducted under the supervision of a competent officer of your Commission. This approval is only valid for the proposed removal works. The State Pollution Control Commission would appreciate your advising of the completion of the works.

Further information may be obtained from Mr M. Villa, telephone 265-8858.

(Signed)  
P.B. YATES  
Chief - Outer Sydney, Chemicals and Wastes  
27-6-1989

Encl: Assessment of Asbestos Wastes (Report 87/1)

· [ 5 W, E LCOMAPP, MAV0 1 ] ·

The Secretary  
Electricity Commission of NSW  
GPO Box 5257  
SYDNEY NSW 2001

940026D MV:LF  
[3WB,MISC2, L-MV1 ]

3 MAY 1989

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, your organisation being the occupier of premises:

- located at Margaret Street and Terry Street, Rozelle NSW, 2039, and known as Balmain Power Station;
- being contaminated by the prescribed activity of the disposal of chemical wastes, namely polychlorinated biphenyl (PCB) wastes; and
- deemed to be contaminated by reason of their being environmentally degraded.

is directed that:

1. All work carried out on this site with the intention, or having the effect, of
  - a) reducing the contamination of the premises;
  - b) restoring or rehabilitating the premises; or
  - c) removing, or disposing of, any soil, sand, rock, water or other solid or liquid material of any kind from the premiseswhich would result in the disturbance of any land on the premises, shall be carried out only after prior notice to the Commission and in accordance with an approval in writing given by the Commission, and
2. Where the premises to which this notice relates is to be sold, or responsibility for the premises otherwise relinquished, and the occupier is also the owner of such premises, he shall inform any intending purchaser or occupier of the conditions of this notice, in writing, during negotiations for the sale or transfer of the premises; and
3. Where the occupier of the premises to which this notice relates is also the owner of such premises, he shall inform the Commission, in writing, should the premises be sold, or responsibility transferred to another occupier, within one month of the date of the transfer of the owner or occupier, and shall further inform the Commission, at that time, of the intending new owner or occupier.

**(Signed)**

**PETER STANDEN**

Director

-

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### Area No: 3005

The information below was correct at the time the notices were issued.

**Site:** Former Unilever Sulphonation Plant  
**Address:** Reynolds Street, Rozelle, 2039  
**LGA:** Leichhardt Municipal Council  
**Occupier:** Unilever Australia Ltd

### Notices relating to this site (0 current and 4 former)

(Map) where available, maps show the part of the site affected by the notice

Notice recipient	Notice type & number	Status	Date
Unilever Australia Ltd	EHC Act Revocation Notice <a href="#">442</a>	Former	Issued 20 Mar 1997
Unilever Australia Ltd	Section 35 EHC Act Order <a href="#">398</a>	Former	Issued 16 Mar 1995 Revoked 20 Mar 1997
Unilever Australia Ltd	Section 35 EHC Act Order <a href="#">228</a>	Former	Issued 30 Nov 1990 Revoked 20 Mar 1997
Unilever Australia Ltd	Section 35 EHC Act Order <a href="#">235</a>	Former	Issued 31 Oct 1990 Revoked 20 Mar 1997

25 September 2012

**REGISTERED MAIL**

The Chief Executive  
Unilever Australia Limited  
12 Bonar St  
ARNCLIFFE NSW 2205

File CH6222

Section 35 Notice # 442/3005  
20 MAR 1997

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

**WHEREAS:**

Unilever Australia Limited (ACN 004 050 828) is the occupier of premises known as the "Unilever Sulphonation Plant" site, bounded by Roberts St, Reynolds St and Buchanan St, which is described as Lot 1 and Lot 2 in Deposited Plan No 533065 and Lot 1 in Deposited Plan No 41240 ("the premises").

The premises have been used for the carrying on of a prescribed activity, namely the act of manufacturing chemicals.

The premises were deemed to be contaminated by reason of their being affected by the spillage of chemicals and the placement of contaminated fill on the site. The contaminants included heavy metals, polycyclic aromatic hydrocarbons, linear alkylbenzene and linear alkylbenzene sulphonate compounds.

Section 35 Notices have been served by the Environment Protection Authority (EPA) (or its predecessor, the State Pollution Control Commission) on Unilever Australia Ltd. as occupier of the premises on the following dates:

Date	Notice Number
31 October 1990	235/3005
30 November 1990	228/3005
16 March 1995	398/3005

- A. The EPA has reviewed reports titled "Validation Report, Remediation at the Unilever Sulphonation Plant, Balmain" dated 11 October 1996, "Summary of Health and Environmental Risk of Polynuclear Aromatic Hydrocarbons in the Deep Fill on the Unilever Sulphonation Site at Balmain" dated February 1997, and a letter titled "Validation of PAHs – Unilever Sulphonation Site Balmain" dated 18 March 1997, all by Longmac Environmental Pty Ltd.
- B. The above reports demonstrate that the site has been remediated to a level that will allow medium/high density residential development provided that a management plan is implemented to ensure that any disturbance of contaminated soil which remains present at depths deeper than 0.5 metres from the surface is carried out in an appropriate manner.

**TAKE NOTICE THAT:**

In accordance with the powers vested in the EPA by the provisions of the Environmentally Hazardous Chemicals Act 1985, the EPA hereby revokes all Section 35 Notices associated with the premises.

NEIL SHEPHERD  
Director -General

(signed) 20/3/97  
Cathy Dyer  
Manager Contaminated Sites  
(by delegation)

cc Regional Manager Inner Sydney Register of Section 35 Notices Leichhardt Municipal Council

**CERTIFIED MAIL**

The Chief Executive  
Unilever Australia Limited  
20 Cambridge Street  
EPPING NSW 2121

Attention: Mr D Sproule

Section 35 Notice # 398 / UBL # 3005

**NOTICE UNDER SECTION 35**  
**OF THE ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**

**WHEREAS:-**

- A. Unilever Australia is the occupier of premises located at Balmain ("the premises") which is bounded by Robert Street, Reynolds Street and Buchanan Street, described as Lot 1 and Lot 2 of D.P. No. 533065 and Lot 1 of D.P. No. 41240, and known as the Unilever Sulphonation Plant site;
- B. The premises have been used for a "prescribed activity", namely the manufacturing of chemical compounds;
- C. The premises are being used for a "prescribed activity", namely the keeping of, or disposing of chemicals or chemical wastes including wastes containing heavy metals, polycyclic aromatic hydrocarbons (PAHs), linear alkylbenzene (LAB) and linear alkylbenzene sulphonates (LAS);
- D. The premises are contaminated by heavy metals, PAHs and LAB / LAS compounds as a consequence of the "prescribed activities" stated in Clauses B and C. Soils and groundwater on the premises have been degraded as a result of direct contamination with those contaminants listed above.

**TAKE NOTE THAT:-**

In accordance with the powers vested in the Environment Protection Authority (EPA) by the provisions of Part 5 of the Environmentally Hazardous Chemicals Act 1985, the EPA directs Unilever Australia Limited to:

- conduct remedial works by 30 June 1996 in accordance with the proposal described in the report "Action Plan for Clean-up of Former Unilever Sulphonation Site, Balmain" (January 1995) by Longmac Environmental Pty Limited.
- a) The role of the Authority is regulatory. Any advice required must be obtained as a result of your independent inquiries.

- b) This Notice does not derogate from the provisions of any relevant Environmental Planning Instrument which may control the use of land on which the premises are located or from any other Act administered by the Authority.
- c) Remedial works may not commence until the necessary approvals under the Pollution Control Act 1970, have been obtained from the EPA's Inner Sydney Region.
- d) If you neglect or fail to comply with this notice, you may be prosecuted for breaching section 35(1) of the Environmentally Hazardous Chemicals Act.

NEIL SHEPHERD  
Director-General

(signed - 16/03/1995)

per **Errol Samuel**  
**Director Hazardous Substances**  
**by Authorisation**

c.c. Regional Manager Inner Sydney Region (EPA)  
c.c. Mr Adrian Boss Department of Planning  
c.c. The General Manager Leichhardt Municipal Council  
c.c. Register of section 35 Notices



**CERTIFIED MAIL**

The Chief Executive  
Unilever Australia Ltd  
20-22 Cambridge Street  
EPPING NSW 2121

Our reference: 400427D1

Attention: Mr D.M. Sproule,  
Group Insurance & Property Manager

**Environmentally Hazardous Chemicals Act, 1985**  
**Notice Under Section 35**  
**Annexure 1 (Approvals for Works (Sulphonation Plant Area))**

Whereas: -

1. Unilever Australia Ltd is the occupier of the premises located at Balmain and bounded by Robert Street, Reynolds Street and Buchanan Street, described as Lot 1 and Lot 2 of D.P. No. 533065 and Lot 1 of D.P. No.41240, and known as the Sulphonation Plant site;
2. The Sulphonation Plant site has been issued with a notice under Section 35 of the Environmentally Hazardous Chemicals Act, 1985, dated 31 October, 1990, declaring the premises to be contaminated; and
3. The State Pollution Control Commission has received notice of a request for approval from Unilever Australia Ltd, through its consultants dated November 1990, to decommission the sulphonation plant and associated equipment.

Take notice that:-

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the Commission hereby grants Unilever Australia Ltd permission to carry out decommission activities, subject to the following conditions:

**1. ASBESTOS MANAGEMENT:**

- (a) All asbestos work shall be carried out so as to contain all asbestos material within the work zone in order to prevent the migration of asbestos beyond the boundary of the work zone; and
- (b) All necessary steps shall be taken to suitably collect airborne asbestos dust generated by the removal process. The removal and disposal of all asbestos shall be by the approved methods outlined in the "Chemical Control Order in Relation to Asbestos Wastes" under the Environmentally Hazardous Chemicals Act, 1985 and by other approved methods stipulated by the Waste Management Authority and other regulatory agencies; and

- (c) The management of all "free" asbestos shall commence without delay and prior to any other remediation work being carried out within the abovementioned premises; and
- (d) An asbestos air monitoring network surrounding the works area and approved by the Commission shall operate continuously during all site works. The Commission shall be notified without delay upon the determination of any exceedance in statutory or recommended limits and in such cases, all work shall cease immediately until such time as approval is given by the Commission to recommence work.

## **2. GENERAL WASTE & WASTEWATER MANAGEMENT**

- (a) Metal surfaces to be cut by oxy acetylene equipment shall be as free as is practical of liquid or solid waste to prevent smoke and odour emissions; and
- (b) All washwaters, including those wastewaters generated by the decommissioning activities described in the consultant's report referenced as SE 0139, shall be diverted into the on-site treatment facility and shall be treated to Water Board requirements prior to sewer disposal and all steps shall be taken to prevent washwater loss from the work area;
- (c) Adequate steps shall be taken to prevent pollution of waters;
- (d) All scrap metals and solid wastes, including asbestos wastes and sludges, shall be collected by the specialist contractor nominated in the consultant's report (SE 0139), and shall be disposed of, under Waste Management Authority permit, to a WMA approved facility;

## **3. CHLOROFLUOROCARBONS & ELECTRICAL EQUIPMENT**

- (a) All production systems that may have utilised chlorofluorocarbons, shall be evacuated as described in the consultant's report (SEO139).

All electrical equipment shall be investigated by a suitably qualified person to assess for mercury and/or PCBs contamination and where such contamination is detected, these contaminated materials shall be stored on-site in a WMA approved manner until such time as an approved method for their disposal is presented to the Commission, in writing, for approval.

## **4. CONTAMINATION ASSESSMENT**

- (a) The occupier shall carry out, or engage a suitably qualified and experienced consultant to carry out on its behalf, a comprehensive contamination assessment of the premises to determine the nature, extent and degree of chemical contamination that might exist on the premises.

- (b) The detailed work plan for the contamination assessment, including sampling and analytical testing programme, shall be presented to the Commission for approval prior to commencement of the assessment works.
- (c) The resultant contamination assessment report shall be received by the Commission within 35 working days of this Notice.

## 5. SUPERVISION

A suitably qualified person shall supervise all demolition and site assessment activities to ensure that the terms of this Notice are complied with.

## 6. PLANNING INSTRUMENTS

This Notice does not derogate from the provisions of any relevant Environmental Planning instrument which may control the use of land on which the premises are located.

This Annexure is supplementary to the notice under Section 35 of the Environmentally Hazardous Chemicals Act, 1985, dated 31 October 1990, and shall be referred to as Annexure 1 to the original Notice.

PROFESSOR JOHN NILAND

Director

(signed – 30/11/1990)

Per .....  
**A.E. DYER**

(by Authorisation)

cc: (a) Leichhardt Council (b) L&K: Rexona Pty Ltd

**Certified Mail**

The Chief Executive  
Unilever Australia Ltd  
20-22 Cambridge Street  
EPPING NSW 2121

400427D1 PW: HH  
31/10/90

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985  
NOTICE UNDER SECTION 35**

**WHEREAS:**

1. Unilever Australia Pty Ltd is the occupier of premises
  - 1.1 located at Balmain and bounded by Robert Street, Reynolds Street and Buchanan Street; and described as Lot 1 and Lot 2 of D.P. No. 533065 and Lot 1 of D.P. No. 41240.
  - 1.2 deemed to be contaminated by reason of their being environmentally degraded.

**TAKE NOTICE THAT:**

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the Commission directs that:

- (1) All work carried out on this contaminated area of these premises with the intention, or having the effects, of:
  - (a) reducing the contamination of this area;
  - (b) restoring or rehabilitating this area;
  - (c) demolishing structures; or
  - (d) removing, or disposing of any soil, rock, water or other solid or liquid material of any kind from this area.

Which would result in the disturbance of any structure or any land on the premises, shall be carried out only after prior notice to the Commission and in accordance with an approval, in writing, given by the Commission.

- (2) Where the premises to which this notice relates is to be sold, or responsibility for the premises otherwise relinquished, and the occupier is also the owner of such premises, the occupier shall inform, in writing, any intending purchaser or occupier of the sale or transfer of the premises.
- (3) (a) Where the occupier of the premises intends or is advised that the premises are

to be sold, or that occupancy of the premises is to be transferred, the occupier shall notify the Commission, in writing, of the impending sale or transfer and, where it may be advised, of the name of the prospective owner or occupier, subject to clause 3(b), at least one month prior to the date of impending sale or transfer; and

- (b) Where such intention is formed or advice is given within one month of the intended sale or transfer of the premises, the occupier shall notify the Commission, in writing, immediately after such intention is formed or advice is given.

PROFESSOR JOHN NILAND  
Director

(signed – 31/10/1990)

Per.....

A. E. DYER  
(Acting Deputy Regional Manager, Central Sydney  
by Authorisation)

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### Area No: 3068

The information below was correct at the time the notices were issued.

**Site:** White Bay Power Station  
**Address:** Robert Street, Rozelle, 2039  
**LGA:** Leichhardt Municipal Council

**Occupier:** Pacific Power

Lot 1 DP 545985      Lot 2 DP 598974      Lot 3 DP 598974      Lot 40 DP 791553 Lot 41 DP 791553

### Notices relating to this site (0 current and 7 former)

(Map) where available, maps show the part of the site affected by the notice

Notice recipient	Notice type & number	Status	Date
Pacific Power International Pty Ltd	EHC Act Revocation Notice <a href="#">522</a>	Former	Issued 14 Oct 1998
Electricity Commission of NSW	Section 35 EHC Act Order <a href="#">202</a>	Former	Issued 13 Feb 1991 Revoked 14 Oct 1998
Electricity Commission of NSW	Section 35 EHC Act Order <a href="#">155</a>	Former	Issued 24 Jan 1990 Revoked 14 Oct 1998
Electricity Commission of NSW	Section 35 EHC Act Order <a href="#">154</a>	Former	Issued 15 Jan 1990 Revoked 14 Oct 1998
Electricity Commission of NSW	Section 35 EHC Act Order <a href="#">144</a>	Former	Issued 28 Sep 1989 Revoked 14 Oct 1998
Electricity Commission of NSW	Section 35 EHC Act Order <a href="#">139</a>	Former	Issued 27 Jun 1989 Revoked 14 Oct 1998
Electricity Commission of NSW	Section 35 EHC Act Order <a href="#">130</a>	Former	Issued 03 May 1989 Revoked 14 Oct 1998

25 September 2012

**REGISTERED MAIL**

The Secretary  
Pacific Power International Pty Ltd  
Park and Elizabeth Street  
SYDNEY NSW 2001

Notice 522/3068

**NOTICE UNDER SECTION 35 OF THE  
ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**

**WHEREAS:-**

- A. Pacific Power International Pty Ltd (ACN 003 424 691) is the occupier of the premises known as White Bay Power Station located at Victoria Road Rozelle (the premises).
- B. The premises were deemed to be contaminated with a range of contaminants including asbestos such as to render the premises environmentally degraded.
- C. Notice number 202 pursuant to section 35 of the Environmentally Hazardous Chemicals Act 1985 was served on the Electricity Commission of NSW, the occupier of the premises, on 13 February 1991. The notice required asbestos monitoring in relation to the demolition of Power Station equipment.

**TAKE NOTE THAT:-**

In accordance with the powers vested in the Environment Protection Authority (EPA) by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, the EPA hereby revokes Notice number 202 dated 13 February 1991.

**NEIL SHEPHERD**  
**Director-General**

(signed) 14 October 1998

**Cathy Dyer**  
**Manager Contaminated Sites**  
(by delegation)

cc. Section 35 Register  
cc. Leichhardt Council

The Secretary  
Electricity Commission of NSW  
Electricity House  
Park and Elizabeth Streets  
GPO Box 5257  
SYDNEY NSW 2001

400124D1 TR:HH

ATTENTION: T Bryant

13 FEB 1991

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**  
**ANNEXURE 5 - APPROVAL TO CONDUCT WORKS - WHITE BAY**

WHEREAS: -

1. The Electricity Commission of NSW is the occupier of premises:
  - 1.1 located at Victoria Road, Rozelle, NSW, 2039, known as the White Bay Power Station.
  - 1.2 contaminated by asbestos and other chemicals.
2. The Electricity Commission is currently demolishing the White Bay Power Station site for possible future commercial/industrial development.
3. The Commission issued a notice dated 3rd May, 1989, under Section 35 of the Environmentally Hazardous Chemicals Act, 1985 directing the Electricity Commission to obtain a written approval before any land on the premises being disturbed.
4. The Commission has been informed that the decontamination of the site involves (1) removal of asbestos, (2) removal of drums and vessels which contain various chemicals and chemical wastes, and (3) decontamination of soil possibly contaminated with chemical wastes eg. Hydrocarbon.
5. The Commission granted approval on 27th June, 1989 to the Electricity Commission to carry out asbestos removal in certain specified areas. That approval henceforth shall be referred to as "ANNEXURE 1-APPROVAL TO CONDUCT WORKS -WHITE BAY".
6. The Commission granted approval on 28th September 1989, to the Electricity Commission to remove drums and vessels containing chemicals and chemical wastes. That approval henceforth shall be referred to as "ANNEXURE 2-APPROVAL TO CONDUCT WORKS - WHITE BAY".
7. The Commission granted approval on 15th January 1990 to the Electricity Commission to remove certain drums and vessels containing chemicals and chemical wastes. That approval henceforth shall be referred to as "ANNEXURE 3 - APPROVAL TO CONDUCT WORKS - WHITE BAY"



8. The Commission granted approval on 24th January, 1990 to the Electricity Commission to remove specified drums and vessels containing chemicals or chemical wastes. That approval henceforth shall be referred to as "ANNEXURE 4 - APPROVAL TO CONDUCT WORKS - WHITE BAY".

**TAKE NOTICE THAT:-**

Under powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, and in accordance with the provisions of the aforementioned notice dated 3rd May, 1989, the Electricity Commission is directed to remove asbestos from the White Bay Power Station subject to the following additional conditions:-

1. Asbestos dust monitoring shall be carried out at the locations designated on the attached diagrams. The specifications of such monitoring and testing shall be according to the methods specified in the letter from the Electricity Commission dated 20 November, 1990.
2. The results of such monitoring shall be recorded in a log book and shall be made available to the Commission on request.
3. Any result exceeding 0.01 fibres/ml time weighted average per working shift shall be reported to the Commission's Regional Manager, Central Sydney by facsimile within 24 hours of that result first becoming known.
4. The cause of any such exceedance shall be investigated and the work on the site shut down until the Electricity Commission is satisfied that such cause has been rectified and the Electricity Commission has reported the result of the investigation to the State Pollution Control Commission.

This notice shall be referred to as ANNEXURE 5 - BALMAIN to the notice dated 3rd May, 1989.

PROFESSOR J NILAND

Director

per (signed) 13 FEB 1991

(I POWELL

Manager, Waste Management

by Authorisation)

Encl: Attachment 1 - Asbestos Monitoring Locations

[CSTR005H.LTR]

The Secretary  
Electricity Commission  
GPO Box 5257  
SYDNEYNSW 2001  
24 JAN 1990

6WA60-LRC01  
940025D RC:MZ

ATTENTION: T Bryant

-

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**APPROVAL TO CONDUCT CERTAIN WORKS AT WHITE BAY POWER STATION SITE**

I refer to your correspondence, and attached schedule, dated 22 December, 1981, reference A/DPS/PB, and subsequent correspondence dated 9 and 24 January, 1990, to the State Pollution Control Commission, regarding proposed removal of drums and chemicals to be undertaken at the White Bay Site.

In accordance with the terms of the Notice under Section 35 of the Environmentally Hazardous Chemicals Act, 1985, dated 3 May, 1989, and on the basis of test results attached to your letters of 9 and 24 January, 1990, the Electricity Commission of NSW is hereby granted approval to carry out the removal of containers and their contents which come within Category (2) and are not marked with an asterik (\*) on the Schedule attached to your letter of 22 December, 1989, except for sample WD560, a catch-pot which shall not be removed at this stage.

A dry capacitor, sample WL1, is also approved for removal and disposal.

Disposal of these containers and their contents shall be in accordance with the methods set out in your abovementioned proposal.

The works are to be conducted under the supervision of a competent officer of your Commission. This approval is only valid for the proposed removal works. The State Pollution Control Commission would appreciate your advising of the completion of the works.

Further information may be obtained from Ms M Craig on 265 8887.

(signed)

A J Crapp  
FOR SECRETARY

The Secretary  
Electricity Commission  
GPO Box 5257  
SYDNEY NSW 2001  
[6W7.L-RC5] RC: LDZ

Attention: T Bryant

ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985  
APPROVAL TO CONDUCT CERTAIN WORKS AT WHITE BAY POWER STATION SITE

I refer to your correspondence, and attached schedule, dated 22 December, 1981, reference A/DPS/PB, to the State Pollution Control Commission regarding proposed removal of drums and chemicals to be undertaken at the White Bay Site.

In accordance with the terms of the Notice Under Section 35 of the Environmentally Hazardous Chemicals Act, 1985, dated 3 May 1989, the Electricity Commission of NSW is hereby granted approval to carry out the removal of containers and their contents which come within Category (1) and are marked with an asterik (\*) on the attached schedule.

Disposal of these containers and their contents shall be in accordance with the methods set out in your abovementioned proposal.

The works are to be conducted under the supervision of a competent officer of your Commission. This approval is only valid for the proposed removal works. The State Pollution Control Commission would appreciate your advising of the completion of the works.

Further information may be obtained from Ms M Craig on 265 8887.

(signed) 15/1/90  
A J Crapp  
FOR SECRETARY

The Secretary  
Electricity Commission of NSW GPO Box 5257  
SYDNEY NSW 2001

940025D: MAV

Attention: Mr T Bryant

28 September 1989

ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985  
NOTICE UNDER SECTION 35  
APPROVAL TO CONDUCT WORKS

I refer to discussions between your officers and officers of the State Pollution Control Commission regarding the removal of fourteen (14) 200 L drums from the White Bay Power Station site, which is the subject of a Notice under Section 35 of the Environmentally Hazardous Chemicals Act 1985.

The Electricity Commission of NSW is hereby granted approval to remove the drums, which are assumed %o be contaminated with polychlorinated biphenyls (PCBs), on Thursday 28 September 1989, and transport them to the Electricity Commission store at Merrylands. The removal and transportation is to be conducted in the presence, and under the supervision, of an Electricity Commission officer.

Approval, with the concurrence of the Waste Management Authority of NSW, is also granted to transport the drums between 1900 hours and 2200 hours on Thursday, 28 September 1989, in accordance with the State Pollution Control Commission's Polychlorinated Biphenyl Wastes Chemical Control Order 1988.

This approval is only valid on the stated day for the proposed removal and transportation operation.

Further information may be obtained from Dr H. J. L. Wright, telephone 265-8865.

PETER STANDEN  
Director

-

-

Per (signed)  
H.J.L. WRIGHT  
Manager - Chemicals and Wastes Branch  
by Authorisation

· [ 5W, 940025A, MAVO2] .

The Secretary  
Electricity Commission of NSW  
GPO Box 5257  
SYDNEY NSW 2001 200  
940025/26/28D

MAV 54757

Attention: J Sligar

Environmentally Hazardous Chemicals Act, 1985  
Notice Under Section 35  
Approval to Conduct Works

I refer to the above correspondence, dated 2 June 1989, between the Electricity Commission of NSW and the State Pollution Control Commission, regarding proposed asbestos removal works to be carried out at White Bay, Balmain and Pyrmont Power Stations.

The Electricity Commission of NSW is hereby granted approval to carry out the asbestos removal works as detailed in the abovementioned correspondence. Disposal of the removed asbestos material shall be in accordance with Appendix 1 of the document, Specifications and Contract Number 3974, which was attached to your correspondence, and the State Pollution Control Commission's Chemical Control Order in Relation to Asbestos Wastes. A copy of this Chemical Control Order, which is included in our Commission's publication Assessment of Asbestos Wastes (Assessment Report 87/1), is attached for your information.

The works are to be conducted under the supervision of a competent officer of your Commission. This approval is only valid for the proposed removal works. The State Pollution Control Commission would appreciate your advising of the completion of the works.

Further information may be obtained from Mr M. Villa, telephone 265-8858.

(Signed)  
P.B. YATES  
Chief - Outer Sydney, Chemicals and Wastes  
27-6-1989

Encl: Assessment of Asbestos Wastes (Report 87/1)

· [ 5 W, E LCOMAPP, MAV0 1 ] ·

**CERTIFIED MAIL**

The Secretary Electricity Commission of NSW  
GPO Box 5257  
SYDNEY NSW 2001

940025D MV:LF  
[3WB,MISC2,L-MV1]

**3 MAY 1989**

**ENVIRONMENTALLY HAZARDOUS CHEMICALS ACT, 1985**  
**NOTICE UNDER SECTION 35**

In accordance with the powers vested in the State Pollution Control Commission by the provisions of Section 35 of the Environmentally Hazardous Chemicals Act, 1985, your organisation being the occupier of premises:

- located at Victoria Road, Rozelle, NSW 2039, and known as White Bay Power Station;
- being contaminated by the prescribed activity of the disposal of chemical wastes, namely polychlorinated biphenyl (PCB) wastes; and
- deemed to be contaminated by reason of their being environmentally degraded.

is directed that:

- 1 All work carried out on this site with the intention, or having the effect, of
  - a) reducing the contamination of the premises;
  - b) restoring or rehabilitating the premises; or
  - c) removing, or disposing of, any soil, sand, rock, water or other solid or liquid material of any kind from the premises

which would result in the disturbance of any land on the premises, shall be carried out only after prior notice to the Commission and in accordance with an approval in writing given by the Commission, and

- 2 Where the premises to which this notice relates is to be sold, or responsibility for the premises otherwise relinquished, and the occupier is also the owner of such premises, he shall inform any intending purchaser or occupier of the conditions of this notice, in writing, during negotiations for the sale or transfer of the premises; and
- 3 Where the occupier of the premises to which this notice relates is also the owner of such premises, he shall inform the Commission, in writing, should the premises be sold, or responsibility transferred to another occupier, within one month of the date of the transfer of the owner or occupier, and shall further inform the Commission, at that time, of the intending new owner or occupier.

-

(signed)

PETER STANDEN

Director



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returned 18 results

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Number	Name	Location	Type	Status	Issued date
<a href="#">6733</a>	ASTOR ELECTROPLATERS (AUST) PTY LIMITED	51 LILYFIELD ROAD, ROZELLE, NSW 2039	POEO licence	Surrendered	26 Jun 2000
<a href="#">11906</a>	GYPSUM RESOURCES AUSTRALIA PTY. LIMITED	SOMMERVILLE ROAD, ROZELLE, NSW 2039	POEO licence	Issued	22 May 2003
<a href="#">1030732</a>	GYPSUM RESOURCES AUSTRALIA PTY. LIMITED	SOMMERVILLE ROAD, ROZELLE, NSW 2039	S 58 Licence Variation	Issued	23 Sep 2003
<a href="#">1032570</a>	GYPSUM RESOURCES AUSTRALIA PTY. LIMITED	SOMMERVILLE ROAD, ROZELLE, NSW 2039	S 58 Licence Variation	Issued	16 Dec 2003
<a href="#">1076057</a>	GYPSUM RESOURCES AUSTRALIA PTY. LIMITED	SOMMERVILLE ROAD, ROZELLE, NSW 2039	S 58 Licence Variation	Issued	10 Aug 2007
<a href="#">1077902</a>	GYPSUM RESOURCES AUSTRALIA PTY. LIMITED	SOMMERVILLE ROAD, ROZELLE, NSW 2039	S 58 Licence Variation	Issued	05 Nov 2008
<a href="#">11919</a>	MARITIME AUTHORITY OF NSW	JAMES CRAIG ROAD, ROZELLE, NSW 2039	POEO licence	Issued	24 Nov 2003
<a href="#">4137</a>	MOUNTAIN INDUSTRIES PTY LTD	Berth 8 Sommersville Road, ROZELLE, NSW 2039	POEO licence	Surrendered	21 Jul 2000
<a href="#">1040561</a>	MOUNTAIN INDUSTRIES PTY LTD	Berth 8 Sommersville Road, ROZELLE, NSW 2039	S 58 Licence Variation	Issued	06 Dec 2004
<a href="#">12781</a>	ROZELLE BAY PTY LTD	James Craig Road, ROZELLE, NSW 2039	POEO licence	Issued	28 May 2008
<a href="#">4790</a>	SUGAR AUSTRALIA PTY LIMITED	LOT 1 SOMMERVILLE ROAD, ROZELLE, NSW 2039	POEO licence	Issued	04 Dec 2000
<a href="#">1011282</a>	SUGAR AUSTRALIA PTY LIMITED	LOT 1 SOMMERVILLE ROAD, ROZELLE, NSW 2039	S 58 Licence Variation	Issued	17 Dec 2001
<a href="#">1019864</a>	SUGAR AUSTRALIA PTY LIMITED	LOT 1 SOMMERVILLE ROAD, ROZELLE, NSW 2039	S 58 Licence Variation	Issued	15 Aug 2002
<a href="#">1036679</a>	SUGAR AUSTRALIA PTY LIMITED	LOT 1 SOMMERVILLE ROAD, ROZELLE, NSW 2039	S 58 Licence Variation	Issued	30 Apr 2004
<a href="#">12651</a>	SYDNEY CITY MARINE PTY LIMITED	James Craig Road, ROZELLE, NSW 2039	POEO licence	Issued	27 Mar 2007
<a href="#">1502230</a>	SYDNEY CITY MARINE PTY LIMITED	James Craig Road, ROZELLE, NSW 2039	S 58 Licence Variation	Issued	26 Oct 2011
<a href="#">1505883</a>	SYDNEY CITY MARINE PTY LIMITED	James Craig Road, ROZELLE, NSW 2039	S 58 Licence Variation	Issued	23 Aug 2012
<a href="#">13008</a>	SYDNEY PORTS CORPORATION	Sommerville Road, ROZELLE, NSW 2039	POEO licence	Issued	28 Nov 2008

25 September 2012



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## Licence summary

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### Summary Licence No: 6733

[View this licence](#) (PDF document 196 kb)

**Licence holder:** ASTOR ELECTROPLATERS (AUST) PTY LIMITED  
**Premises:** ASTOR ELECTROPLATERS  
51 LILYFIELD ROAD, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT **Catchment:** Sydney Coast & Georges River  
**Administrative fee:** \$380.00  
**Licence status:** Surrendered  
**Activity type:** Hazardous, Industrial or Group A Waste Generation or Storage  
**Licence review:** Complete date 01 Jul 2002  
Due date 01 Jul 2005

### Applications

Number	Application type	Current status	Date received
<a href="#">1028255</a>	s.80 Surrender of a Licence	Issued	20 May 2003

### Notices

Number	Issue date	Notice type
<a href="#">1028255</a>	17 Jul 2003	s.80 Surrender of a Licence

### Annual Returns

Start date	End date	Date received	Non-compliance	LBL data
01-Apr-2003	22-Aug-2003	10-Sep-2003	No	Not available
01-Apr-2002	31-Mar-2003	26-May-2003	No	Not available
01-Apr-2001	31-Mar-2002	24-May-2002	No	Not available
01-Apr-2000	31-Mar-2001	16-May-2001	No	Not available

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### Summary Licence No: 6733

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**Licence holder:** ASTOR ELECTROPLATERS (AUST) PTY LIMITED  
**Premises:** ASTOR ELECTROPLATERS  
51 LILYFIELD ROAD, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT **Catchment:** Sydney Coast & Georges River  
**Administrative fee:** \$380.00  
**Licence status:** Surrendered  
**Activity type:** Hazardous, Industrial or Group A Waste Generation or Storage  
**Licence review:** Complete date 01 Jul 2002  
Due date 01 Jul 2005

### Applications

Number	Application type	Current status	Date received
<a href="#">1028255</a>	s.80 Surrender of a Licence	Issued	20 May 2003

### Notices

Number	Issue date	Notice type
<a href="#">1028255</a>	17 Jul 2003	s.80 Surrender of a Licence

### Annual Returns

Start date	End date	Date received	Non-compliance	LBL data
01-Apr-2003	22-Aug-2003	10-Sep-2003	No	Not available
01-Apr-2002	31-Mar-2003	26-May-2003	No	Not available
01-Apr-2001	31-Mar-2002	24-May-2002	No	Not available
01-Apr-2000	31-Mar-2001	16-May-2001	No	Not available

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## Licence summary

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### Summary Licence No: 11906

[View this licence](#) (PDF document 135 kb)

**Licence holder:** GYPSUM RESOURCES AUSTRALIA PTY. LIMITED  
**Trading as:** GRA  
**Premises:** GYPSUM RESOURCES AUSTRALIA PTY. LIMITED  
SOMMERVILLE ROAD, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT **Catchment:** Sydney Coast & Georges River  
**Administrative fee:** \$5,650.00  
**Licence status:** Issued  
**Activity type:** Shipping in bulk  
**Licence review:** Complete date 22 May 2011  
Complete date 22 May 2006  
Due date 22 May 2016

### Notices

Number	Issue date	Notice type
<a href="#">1030732</a>	23 Sep 2003	S 58 Licence Variation
<a href="#">1032570</a>	16 Dec 2003	S 58 Licence Variation
<a href="#">1076057</a>	10 Aug 2007	S 58 Licence Variation
<a href="#">1077902</a>	05 Nov 2008	S 58 Licence Variation

### Annual Returns

Start date	End date	Date received	Non-compliance	LBL data
22-May-2011	21-May-2012	17-Jul-2012	No	Not available
22-May-2010	21-May-2011	11-Jul-2011	No	Not available
22-May-2009	21-May-2010	22-Jul-2010	<a href="#">yes</a>	Not available
22-May-2008	21-May-2009	28-Oct-2009	No	Not available
22-May-2007	21-May-2008	02-Sep-2008	No	Not available
22-May-2006	21-May-2007	20-Jul-2007	No	Not available
22-May-2005	21-May-2006	24-Jul-2006	<a href="#">yes</a>	Not available
22-May-2004	21-May-2005	01-Aug-2005	<a href="#">yes</a>	Not available
22-May-2003	21-May-2004	29-Oct-2004	No	Not available

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### Summary of Notice No: 1030732

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**Organisation:** GYPSUM RESOURCES AUSTRALIA PTY. LIMITED  
**Location:** GYPSUM RESOURCES AUSTRALIA PTY. LIMITED  
SOMMERVILLE ROAD, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT  
**Catchment:** Sydney Coast & Georges River  
**Issue date:** 23 Sep 2003  
**Notice type:** S 58 Licence Variation

### Licence

Number	Name	Licence status
<a href="#">11906</a>	GYPSUM RESOURCES AUSTRALIA PTY. LIMITED	Issued

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### Summary of Notice No: 1032570

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**Organisation:** GYPSUM RESOURCES AUSTRALIA PTY. LIMITED  
**Location:** GYPSUM RESOURCES AUSTRALIA PTY. LIMITED  
SOMMERVILLE ROAD, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT  
**Catchment:** Sydney Coast & Georges River  
**Issue date:** 16 Dec 2003  
**Notice type:** S 58 Licence Variation

### Licence

Number	Name	Licence status
<a href="#">11906</a>	GYPSUM RESOURCES AUSTRALIA PTY. LIMITED	Issued

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### Summary of Notice No: 1076057

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**Organisation:** GYPSUM RESOURCES AUSTRALIA PTY. LIMITED  
**Location:** GYPSUM RESOURCES AUSTRALIA PTY. LIMITED  
SOMMERVILLE ROAD, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT  
**Catchment:** Sydney Coast & Georges River  
**Issue date:** 10 Aug 2007  
**Notice type:** S 58 Licence Variation

### Licence

Number	Name	Licence status
<a href="#">11906</a>	GYPSUM RESOURCES AUSTRALIA PTY. LIMITED	Issued

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### Summary of Notice No: 1077902

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**Organisation:** GYPSUM RESOURCES AUSTRALIA PTY. LIMITED  
**Location:** GYPSUM RESOURCES AUSTRALIA PTY. LIMITED  
SOMMERVILLE ROAD, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT  
**Catchment:** Sydney Coast & Georges River  
**Issue date:** 05 Nov 2008  
**Notice type:** S 58 Licence Variation

### Licence

Number	Name	Licence status
<a href="#">11906</a>	GYPSUM RESOURCES AUSTRALIA PTY. LIMITED	Issued

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### Summary Licence No: 11919

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**Licence holder:** MARITIME AUTHORITY OF NSW

**Trading as:** NSW MARITIME

**Premises:** NSW MARITIME

JAMES CRAIG ROAD, ROZELLE, NSW, 2039

**LGA:** LEICHHARDT **Catchment:** Sydney Coast & Georges River

**Administrative fee:** \$5,500.00

**Licence status:** Issued

**Activity type:** Boat construction/maintenance (general)

**Licence review:** Complete date 06 Apr 2011

Complete date 06 Apr 2006

Due date 06 Apr 2016

### Applications

Number	Application type	Current status	Date received
<a href="#">1117839</a>	S 58 Licence Variation	Issued	12 Jul 2010

### Notices

Number	Issue date	Notice type
<a href="#">1117839</a>	03 Aug 2010	S 58 Licence Variation

### Annual Returns

Start date	End date	Date received	Non-compliance	LBL data
02-Dec-2010	01-Dec-2011	30-Jan-2012	No	Not available
02-Dec-2009	01-Dec-2010	03-Feb-2011		Not available
02-Dec-2008	01-Dec-2009	29-Jan-2010		Not available
02-Dec-2007	01-Dec-2008	02-Feb-2009	No	Not available
02-Dec-2006	01-Dec-2007	29-Jan-2008	No	Not available
02-Dec-2005	01-Dec-2006	12-Feb-2007	No	Not available
02-Dec-2004	01-Dec-2005	31-Jan-2006	<a href="#">yes</a>	Not available
02-Dec-2003	01-Dec-2004	04-Jan-2005	No	Not available



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## Licence summary

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### Summary Licence No: 4137

[View this licence](#) (PDF document 102 kb)

**Licence holder:** MOUNTAIN INDUSTRIES PTY LTD  
**Premises:** Penrice Soda Products Bulk Terminal  
Berth 8 Sommersville Road, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT **Catchment:** Sydney Coast & Georges River  
**Administrative fee:** \$5,000.00  
**Licence status:** Surrendered  
**Activity type:** Shipping in bulk  
**Licence review:** Complete date 21 Mar 2006  
Complete date 04 Sep 2003  
Due date 21 Mar 2011

### Applications

Number	Application type	Current status	Date received
<a href="#">144314</a>	s.55 Licence Transfer	Approved	03 Jul 2006
<a href="#">1106523</a>	s.80 Surrender of a Licence	Issued	25 May 2009

### Notices

Number	Issue date	Notice type
<a href="#">1040561</a>	06 Dec 2004	S 58 Licence Variation
<a href="#">1106523</a>	17 Sep 2009	s.80 Surrender of a Licence

### Annual Returns

Start date	End date	Date received	Non-compliance	LBL data	
05-Nov-2008	17-Sep-2009				<a href="#">Download Annual Return Form</a>
05-Nov-2007	04-Nov-2008	04-Dec-2008	No	Not available	
05-Nov-2006	04-Nov-2007	03-Jan-2008	No	Not available	
05-Nov-2005	04-Nov-2006	28-Dec-2006	No	Not available	
05-Nov-2004	04-Nov-2005	04-Jan-2006	No	Not available	
05-Nov-2003	04-Nov-2004	30-Dec-2004	No	Not available	
05-Nov-2002	04-Nov-2003	06-Jan-2004	No	Not available	
05-Nov-2001	04-Nov-2002	03-Jan-2003	No	Not available	
05-Nov-2000	04-Nov-2001	20-Nov-2001	No	Not available	
05-Nov-1999	04-Nov-2000	11-Jan-2001	No	Not available	

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### Summary of Notice No: 1040561

[View report](#) (PDF document 461 kb)

**Organisation:** MOUNTAIN INDUSTRIES PTY LTD  
**Location:** Penrice Soda Products Bulk Terminal  
Berth 8 Sommerville Road, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT  
**Catchment:** Sydney Coast & Georges River  
**Issue date:** 06 Dec 2004  
**Notice type:** S 58 Licence Variation

### Licence

Number	Name	Licence status
<a href="#">4137</a>	MOUNTAIN INDUSTRIES PTY LTD	Surrendered

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### Summary Licence No: 12781

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**Licence holder:** ROZELLE BAY PTY LTD  
**Trading as:** SYDNEY BOATHOUSE  
**Premises:** Sydney Boathouse  
James Craig Road, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT **Catchment:** Sydney Coast & Georges River  
**Administrative fee:** \$1,695.00  
**Licence status:** Issued  
**Activity type:** Boat mooring and storage  
**Licence review:** Due date 28 May 2013

### Annual Returns

Start date	End date	Date received	Non-compliance	LBL data
28-May-2011	27-May-2012	27-Jul-2012	No	Not available
28-May-2010	27-May-2011	29-Jul-2011	No	Not available
28-May-2009	27-May-2010	27-Jul-2010	No	Not available
28-May-2008	27-May-2009	30-Jul-2009	No	Not available

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## Licence summary

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### Summary Licence No: 4790

[View this licence](#) (PDF document 111 kb)

**Licence holder:** SUGAR AUSTRALIA PTY LIMITED  
**Premises:** SUGAR AUSTRALIA GLEBE ISLAND TERMINAL  
LOT 1 SOMMERVILLE ROAD, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT **Catchment:** Sydney Coast & Georges River  
**Administrative fee:** \$5,650.00  
**Licence status:** Issued  
**Activity type:** Shipping in bulk  
General agricultural processing  
**Licence review:** Complete date 05 Aug 2009  
Complete date 05 Aug 2004  
Complete date 21 Jan 2002  
Due date 05 Aug 2014

### Notices

Number	Issue date	Notice type
<a href="#">1011282</a>	17 Dec 2001	S 58 Licence Variation
<a href="#">1019864</a>	15 Aug 2002	S 58 Licence Variation
<a href="#">1036679</a>	30 Apr 2004	S 58 Licence Variation

### Annual Returns

Start date	End date	Date received	Non-compliance	LBL data
15-Jun-2011	14-Jun-2012	03-Aug-2012	No	Not available
15-Jun-2010	14-Jun-2011	28-Jul-2011	No	Not available
15-Jun-2009	14-Jun-2010	09-Jul-2010	No	Not available
15-Jun-2008	14-Jun-2009	14-Aug-2009	No	Not available
15-Jun-2007	14-Jun-2008	11-Aug-2008	No	Not available
15-Jun-2006	14-Jun-2007	28-Aug-2007	No	Not available
15-Jun-2005	14-Jun-2006	11-Aug-2006	No	Not available
15-Jun-2004	14-Jun-2005	11-Aug-2005	No	Not available
15-Jun-2003	14-Jun-2004	02-Sep-2004	No	Not available
15-Jun-2002	14-Jun-2003	14-Jul-2003	No	Not available
15-Jun-2001	14-Jun-2002	13-Aug-2002	No	Not available
15-Jun-2000	14-Jun-2001	15-Aug-2001	No	Not available

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### Summary of Notice No: 1011282

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**Organisation:** SUGAR AUSTRALIA PTY LIMITED  
**Location:** SUGAR AUSTRALIA GLEBE ISLAND TERMINAL  
LOT 1 SOMMERVILLE ROAD, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT  
**Catchment:** Sydney Coast & Georges River  
**Issue date:** 17 Dec 2001  
**Notice type:** S 58 Licence Variation

### Licence

Number	Name	Licence status
<a href="#">4790</a>	SUGAR AUSTRALIA PTY LIMITED	Issued

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### Summary of Notice No: 1019864

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**Organisation:** SUGAR AUSTRALIA PTY LIMITED  
**Location:** SUGAR AUSTRALIA GLEBE ISLAND TERMINAL  
LOT 1 SOMMERVILLE ROAD, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT  
**Catchment:** Sydney Coast & Georges River  
**Issue date:** 15 Aug 2002  
**Notice type:** S 58 Licence Variation

### Licence

Number	Name	Licence status
<a href="#">4790</a>	SUGAR AUSTRALIA PTY LIMITED	Issued

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### Summary of Notice No: 1036679

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**Organisation:** SUGAR AUSTRALIA PTY LIMITED  
**Location:** SUGAR AUSTRALIA GLEBE ISLAND TERMINAL  
LOT 1 SOMMERVILLE ROAD, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT  
**Catchment:** Sydney Coast & Georges River  
**Issue date:** 30 Apr 2004  
**Notice type:** S 58 Licence Variation

### Licence

Number	Name	Licence status
<a href="#">4790</a>	SUGAR AUSTRALIA PTY LIMITED	Issued

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## Licence summary

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### Summary Licence No: 12651

[View this licence](#) (PDF document 225 kb)

**Licence holder:** SYDNEY CITY MARINE PTY LIMITED

**Trading as:** SYDNEY CITY MARINE

**Premises:** SYDNEY CITY MARINE

James Craig Road, ROZELLE, NSW, 2039

**LGA:** LEICHHARDT **Catchment:** Sydney Coast & Georges River

**Administrative fee:** \$5,650.00

**Licence status:** Issued

**Activity type:** Boat construction/maintenance (general)

**Licence review:** Complete date 27 Mar 2012

Due date 27 Mar 2017

### Applications

Number	Application type	Current status	Date received
<a href="#">145619</a>	s.55 Licence Transfer	Approved	21 Aug 2008
<a href="#">1096897</a>	S 58 Licence Variation	Issued	14 Jan 2008
<a href="#">1501412</a>	s.55 Licence Transfer	Approved	12 Aug 2011

### Notices

Number	Issue date	Notice type
<a href="#">1096897</a>	16 Jan 2009	S 58 Licence Variation
<a href="#">1502230</a>	26 Oct 2011	S 58 Licence Variation
<a href="#">1505883</a>	23 Aug 2012	S 58 Licence Variation

### Annual Returns

Start date	End date	Date received	Non-compliance	LBL data
02-Sep-2011	26-Mar-2012	25-May-2012	No	Not available
27-Mar-2011	01-Sep-2011	11-Nov-2011	No	Not available
27-Mar-2010	26-Mar-2011	26-May-2011	<a href="#">yes</a>	Not available
27-Mar-2009	26-Mar-2010	26-May-2010	<a href="#">yes</a>	Not available
27-Mar-2008	26-Mar-2009	26-May-2009	<a href="#">yes</a>	Not available
27-Mar-2007	26-Mar-2008	15-May-2008	No	Not available



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### Summary of Notice No: 1502230

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**Organisation:** SYDNEY CITY MARINE PTY LIMITED  
**Location:** SYDNEY CITY MARINE  
James Craig Road, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT  
**Catchment:** Sydney Coast & Georges River  
**Issue date:** 26 Oct 2011  
**Notice type:** S 58 Licence Variation

### Licence

Number	Name	Licence status
<a href="#">12651</a>	SYDNEY CITY MARINE PTY LIMITED	Issued

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### Summary of Notice No: 1505883

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**Organisation:** SYDNEY CITY MARINE PTY LIMITED  
**Location:** SYDNEY CITY MARINE  
James Craig Road, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT  
**Catchment:** Sydney Coast & Georges River  
**Issue date:** 23 Aug 2012  
**Notice type:** S 58 Licence Variation

### Licence

Number	Name	Licence status
<a href="#">12651</a>	SYDNEY CITY MARINE PTY LIMITED	Issued

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### Summary Licence No: 13008

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**Licence holder:** SYDNEY PORTS CORPORATION  
**Premises:** Glebe Island Berth 1  
Sommerville Road, ROZELLE, NSW, 2039  
**LGA:** LEICHHARDT **Catchment:** Sydney Coast & Georges River  
**Administrative fee:** \$1,650.00  
**Licence status:** Issued  
**Activity type:** Shipping in bulk  
**Licence review:** Due date 28 Nov 2013

### Annual Returns

Start date	End date	Date received	Non-compliance	LBL data
28-Nov-2010	27-Nov-2011	18-Jan-2012	<a href="#">yes</a>	Not available
28-Nov-2009	27-Nov-2010	27-Jan-2011		Not available
28-Nov-2008	27-Nov-2009	19-Jan-2010	<a href="#">yes</a>	Not available

# Environment Protection Licence

Licence - 13008

Department of **Environment & Climate Change** NSW



<b>Low-frequency noise</b>	has the same meaning as in INP Chapter 4 ' <i>Modifying factor</i> ' adjustments.
<b>Modifying factor adjustment</b>	has the same meaning as in INP Chapter 4 ' <i>Modifying factor</i> ' adjustments.
<b>Noise sensitive receiver</b>	means any residence, place of education, child care centre, pre-school, nursing home hospital or place of worship.
<b>Practicable and reasonable</b>	has the same meaning as 'reasonable and feasible' in the INP.
<b>Tonal noise</b>	has the same meaning as in INP Chapter 4 ' <i>Modifying factor</i> ' adjustments.

Ms Jacinta De Jong

Environment Protection Authority

(By Delegation)

28-Nov-2008

## End Notes

**Appendix E**  
**Title Records**

~ Search ~

re Lots 1 & 5 in DP 1063454

Schedule of Registered Proprietors  
of PART formerly Lot 1 DP 929357

Lfr 454335 Lenny Brisbane Swan  
Reg 5/3/1907 of Balmain  
(V.1726 F.169) Lumber Merchant

Lfr H 9862 The Chief Commissioner for  
Reg 21/2/1918 Railways  
(V.1762 F.169)

18/9/12  
Jenners Title Searching Co.

Search

we dot 10 in DP 1065973

10/1065973

2/1017268

1/879549

1038-140 4360-445 4414-63 5018-1 10127-190 1/530449

P.A. 44164

10899-14

11413-65

12889-103

13006-139

5158-110

10289-175

P.A. 51887

52063

1903-51 1955-89

1/724885

1/776765

1336-153

P.A. 60734

~ Search ~

re Lot 10 in DP 1065973 v

Schedule of Registered Proprietors  
of PART formerly in V. 4038 F. 140.

V. 4038 F. 140

issued

15/8/1927

Overall McCray Limited

Lfr B537215

Reg 17/8/27

(V4038 F140)

Californian Oil Products Limited

Lfr B 893548

Reg 27/2/30

(V4038 F140)

The Sydney Harbour Trust  
Commissioners

App C439516

Reg 15/7/36

(V4038 F140)

The Maritime Services Board  
of New South Wales

Reg. 3362555

Reg 24/9/97

(V4038 F140)

Sydney Ports Corporation

18/9/12

Jenners Title Searching Co.

ESTABLISHED 1949



~ Search ~

re Lot 10 in DP 106 59 73 v

Schedule of Registered Proprietors  
of PART formerly in V. 4360 F-45

V. 4360 F-45  
issued  
16/12/29  
Californian Oil Products Limited

Tr B 893548  
App C 439516  
Reg. 3362555 } As before

18/9/12.  
Jenners Title Searching Co.  
ESTABLISHED 1949

~ Search ~

re Lot 10 in DP 1065973

Schedule of Registered Proprietors  
of PAST formerly in V. 5018 F1.

This Certificate of Title is for  
Sydney Harbours & Stands  
in the name of The Maritime  
Services Board of New South  
Wales.

This Title has not been inspected

MJ 18/9/12  
Jenners Title Searching Co.

ESTABLISHED 1949

~ Search ~

re Lot 10 in DP 1065973 +

Schedule of Registered Proprietors  
of PART formerly in A/C 4414-63

V. 4414 F.63

issued

20/6/1930

The Syaney Harbour Trust  
Commissioners

Lfr C 439516 As before

Reg. 34 05434

Reg 20/10/97

(A/C 4414-63)

Syaney Ponto Corporation.

18/9/12

Jenners Title Searching Co.

ESTABLISHED 1949

~ Search ~

re Lot 10 in DP 106 5973 &

Schedule of Registered Proprietors  
of PART formerly in  
W 10127 F. 190, V. 11413 F. 65  
V. 12889 F. 103 & V. 13006 F. 139

P.A. 44164

PA 44583

PA 51887

PA 52063

The Maritime Services Board  
of New South Wales

Now

Sydney Ports Corporation

18/9/12

Jenners Title Searching Co.

ESTABLISHED 1949

~ Search ~

re Lot 10 in DP 1065973

Schedule of Registered Proprietors  
of PART formerly Lot 1 DP 530449

App. C908836 George Russell Davidson  
Reg 4/6/40 of Millara, Accountant &  
(V1903 F.51) Austin James Baty  
V 1955 F89) of Hurstvale Park, Salesman

Lfr C919404 Lever Brothers Pty. Limited  
Reg 12/8/40  
(V5158 F.110)

Lfr M298559 The Maritime Services Board  
Reg 6/7/71 of New South Wales  
(V.10899 F.14)

18/9/2012  
Jenners Title Searching Co.

~ Search ~

re Lot 10 in DP10 65973

Schedule of Registered Proprietors  
of PART formerly Lot 1 in DP 724 885

V 1336 F153 Joseph Lennie  
Issued of Balmain  
14/11/1900 Esquire

Lfr 531283 David Drake  
Reg 24/6/1909 of Balmain  
(V 1336 F153) Shipbuilder

Lfr A233755 David Drake Limited  
Reg 14/3/1916  
(V 1336 F153)

Lfr A836477 The Sydney Harbour Trust  
Reg 25/7/22 Commissioners  
(V 1336 F153)

App C439516 As before

18/9/12  
Jenners Title Searching Co.



~ Search ~

re Lot 10 in DP 1065973

Schedule of Registered Proprietors  
of PART formerly Lot 1 DP 776765

Gay 1/2/1918 The Grain Handling Authority  
of New South Wales  
Folio 597  
(R.P.A. 60 734)

L. 2240717 Grain Handling Ministerial  
Reg 16/10/1990 Corporation  
(1/776765)

App I489490 Her Most Gracious Majesty Queen  
Elizabeth II (Treasury)  
Reg 28/9/93  
(1/776765)

Let 4 198084 Maritime Services Board of  
Reg 20/4/94 New South Wales  
(1/776765)

18/9/2012  
Jenners Title Searching Co.

ESTABLISHED 1949

Search

re data 105 in DP 1063454

105 / 1063454

1 / 1017268

2 / 874686

1 / 545985 12 / 791554 CA 59107 13 / 791554 1 / 723377 18 / 791554 1 / 929811 1 / 929357

11667-126 1059-15 BK1047 No190 1033-59 2331-232 2348-143 1776-78 1762-169

2082-63 1244-2412

11276-111

19 / 791554

3122-222

2050-103

PA.148426



~ Search ~

re Lots 1 & 5 in DP 1063454

Schedule of Registered Proprietors  
of PART formerly Lot 1 DP 545985

PA 48426.

V. 11667 F. 126

14/9/71.

The Commissioner for Railways

18/9/12.

Jenners Title Searching Co.

ESTABLISHED 1949

~ Search ~

re Lots 1 & 5 in DP 1063454

Schedule of Registered Proprietors  
of PART formerly Lot 12 DP 791554

Crown Grant V.1059 F.15 23/6/1892	Matilda Mary Symens of Balmain Widow
---	--

TA 20927 Reg 14/10/1908 (V1059 F.15)	Henry Brisbane Swan of Rozelle, Timber Merchant & Alfred George Crump of Balmain, House Decorator.
--	--

TA 158414 Reg 22/2/1915 (V1059 F.15)	The Chief Commissioner for Railways & Tramways
--	---

C 48134 Reg 13/2/31 (V1059 F.15)	Railway Commissioners for New South Wales
--	--

C 184423 Reg 26/7/33	The Commissioner for Railways
-------------------------	-------------------------------

TA T 765160 Reg 26/10/64 (V1059 F.15)	The Commissioner for Main Roads 18/9/12
---	--

Jenners Title Searching Co.

~ Search ~

re Lots 195 in DP 1063454

Schedule of Legal Proprietors Contd  
of PARI formerly Lot 12 DP 791554

L 2791279 State Rail Authority of New  
Reg 11/2/1997 South Wales  
(V.1059 F.15)

up 18/9/12  
Jenners Title Searching Co.

~ Search ~

re Lots 1 & 5 in DP 1063454

Schedule of Registered Proprietors  
of P&RT formerly in CA. 59107

Henry Brisbane Swan  
of Balmain, Timber Merchant,  
Alfred George Crump  
of Balmain, House Decorator

Bk 1047

no 190

16/12/1914

Chief Commissioner for Railways  
and Tramways

18/9/12  
Jenners Title Searching Co.

ESTABLISHED 1949

~ Search ~

re Lots 1 & 5 in DP 1063454

Schedule of Registered Proprietors  
of PART formerly Lot 13 DP 791554

Crown Grant John Booth  
V. 1033 F. 59  
27/10/1891  
of Balmain

Ltr 240506 James Barnes  
Reg 5/7/1895  
(V1033 F59) of Balmain  
Jam Manufacturer

Ltr A 84999 The Chief Commissioner  
Reg 23/2/1914 for Railways and Tramways  
(V1033 F59)

App. H 95489 The Commissioner for Railways  
Reg 15/1/62  
(V1033 F59)

18/9/12  
Jenners Title Searching Co.

ESTABLISHED 1949

~ Search ~

re Lots 1 & 5 in DP 1063454

Schedule of Registered Proprietors  
of PART formerly Lot 1 DP 723377

Jfr 574277 Henry Brisbane Swan  
(V. 2082 F. 63) of Balmain  
25/8/1910 Timber Merchant

Jfr 688188 The Chief Commissioner for  
Reg 12/11/1912 Railways and Tramways.  
(V. 2082 F. 63)

up 18/9/12  
Jenners Title Searching Co.

~ Search ~

re Lots 1 & 5 in DP 1063454

Schedule of Registered Proprietors  
of PART formerly Lot 18 DP 791554

Jfr 275820 Henry Brisbane Swan  
Reg 24/3/1898 of Balmain  
Jfr 575225 Timber Merchant  
Reg 22/10/1910  
(V 1244 F. 241 & 2)

Jfr H 9862 The Chief Commissioner for  
Reg 21/2/1913 Railways and Tramways  
(V 1244 F. 241 & 2)

Jfr H 954892 The Commissioner for Railways  
Reg 15/1/62  
(V. 2348 F. 143)

18/9/12  
Jenners Title Searching Co.



~ Search ~

re Lots 1 & 5 in DP 1063454

Schedule of Registered Proprietors  
of PART formerly Lot 1 DP 929811

Ltr 458004 Henry Brisbane Swan  
Reg 16/4/1907 of Balmain  
(V.1776 F.78) Timber

Ltr H 9862 The Chief Commissioner for  
Reg 21/2/1913 Railways and Tramways  
(V.1776 F.78)

18/9/12  
Jenners Title Searching Co.

ESTABLISHED 1949



~ Search ~

re Lots 145 in DP 1063454

Schedule of Registered Proprietors  
of PART formerly Lot 19 DP 791554

V. 2050 F.103 The Sydney Harbour Trust  
18/4/1910 Commissioners

Lfr A625609 Railway Commissioners for  
Reg 3/11/1920 New South Wales  
(V 2050 F.103)

App C184422 The Commissioner for Railways  
Reg 26/7/33  
(V 3122 F.222)

WJ 18/9/12  
Jenners Title Searching Co.

ESTABLISHED 1949

~ Search ~

re Lots 1 & 5 in DP 1063454

Schedule of Registered Proprietors  
of P.A.T. formerly in V. 11276 F. 111

Sp. A84999 Chief Commissioner for Railways  
Reg 23/2/1914 & Tramways  
(V. 779 F.23)

App. H954892 The Commissioner for Railways  
Reg 15/1/62  
(V. 779 F.23)

18/9/12  
Jenners Title Searching Co.

~ Search ~

re Lots 1 & 5 in DP 1063454

Schedule of Registered Proprietors

Ref 5452554 Syaney Ports Corporation  
Reg 9/3/1999  
(2/874684)

Ref AA5516% Syaney Harbour Toneshore  
Reg 21/4/2004 Authority  
(5/1063454)

as regards Lot 5 DP 1063454

18/9/12  
Jenners Title Searching Co.

ESTABLISHED 1949

~ Search ~

re Lets 2 & 6 in DP 1063454

Title Tree

2 & 6 / 1063454



2/598 974



V. 14114 F. 29



V. 1248 F. 108



Premary App. 54262



Crown Land

18/9/12

Jenners Title Searching Co.

ESTABLISHED 1949

~ Search ~

re Lots 2 & 6 in DP 1063454  
at Rozelle

Schedule of Registered Proprietors

V. 1248 F. 108. issued 28/4/1898	Matilda Symons Widow of Balmain
TA 26261 Reg 21/10/1911 (V. 1248 F. 108)	Henry Brisbane Swan of Balmain? Alfred George Crump of Penshurst
Res. R 510855 Reg 18/2/80 (V. 1248 F. 108) P.A. 54262	The Electricity Commission of New South Wales
Fr 6920038 Reg 4/7/2000 (2/598974)	Sydney Harbour Foreshore Authority
Fr AA551729 Reg 6/4/2004 (2/1063454)	Sydney Ports Corporation as regards Lot 2 DP 1063454

18/9/12  
Jenners Title Searching Co.

**Appendix F**  
**Council Records**



ABN: 92 379 942 845  
7-15 Wetherill Street, Leichhardt NSW 2040  
PO Box 45, Leichhardt NSW 2040  
Phone: (02) 9367 9222 Fax: (02) 9367 9111  
TTY: 9568 6758  
Email: leichhardt@lmc.nsw.gov.au  
www.leichhardt.nsw.gov.au

## PLANNING CERTIFICATE

UNDER SECTION 149 ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979

No 2012/13: 413

Fee: \$133.00

Receipt No: 1428673

Certificate Date: 24-Sep-2012

Reference:

Applicant	Owner (as recorded by Council)
JBS Environmental Pty Ltd 128 O'Riordan Street MASCOT NSW 2020	Sydney Ports Corporation and Sydney Water Corporation - Property Group PO BOX 25 MILLERS POINT NSW 2000

Subject property address	Legal description
SPS 71, Off Sommerville Road, ROZELLE NSW 2039	Pt Lot 10 DP 1065973, Lease Lot 15 Lease Plan SWGP009I

Information provided pursuant to Section 149(2) of the EP&A Act
In accordance with the requirements of section 149(2) of the Environmental Planning and Assessment Act (1979) ("the Act"), the following prescribed matters relate to the land at the date of this certificate.

## **IMPORTANT**

This letter contains important information. If you do not understand it please ask a relative or friend to translate it or come to Council and discuss the letter with Council's staff using the Telephone Interpreter Service.

English

## **IMPORTANTE**

Questa lettera contiene delle informazioni importanti. Se non capisce il contenuto è pregata di chiedere aiuto ad un parente o un amico, oppure La Invitiamo di venire in prersona al Municipio a parlarne con un nostro impiegato, utilizzando il Servizio Interprete Telefonico.

Italian

## **IMPORTANTE**

Esta carta contiene información importante. Si usted no la entiende, pídale a un familiar o a un amigo que se la traduzca, o venga a la Oficina de la Municipalidad y hable acerca de la misma con el personal de la oficina a través del Servicio Telefónico de Intérpretes.

Spanish

## **TIN QUAN TRỌNG**

Tin tức trong thư này rất quan trọng. Nếu bạn không hiểu, hãy nhờ thân nhân hoặc bạn bè dịch cho bạn nghe hoặc tới văn phòng Hội Đồng Thành Phố để thảo luận với nhân viên qua dịch vụ thông ngôn điện thoại.

Vietnamese

## **ΠΡΟΣΟΧΗ**

Το γράμμα αυτό περιέχει σπουδαίες πληροφορίες. Αν δεν το καταλαβαίνετε, παρακαλέστε ένα συγγενή ή φίλο να σας το μεταφράσει, ή ελάτε στο Δημαρχείο και συζητήστε το γράμμα με το προσωπικό του Δημαρχείου χρησιμοποιώντας την Τηλεφωνική Υπηρεσία Διερμηνέων.

Greek

## **重要信息**

此信包含重要內容。若有不明白之處，可請親戚或朋友幫助翻譯。或請到市政會來，通過電話傳譯服務與市政會人員討論信的內容。

Chinese



## 1. Names of relevant planning instruments and DCPs

### State Environmental Planning Policies (SEPPs) & proposed SEPPs

- State Environmental Planning Policy No. 1 – Development Standards
- State Environmental Planning Policy No. 4 – Development without Consent and Miscellaneous Complying Development
- State Environmental Planning Policy No. 6 – Number of Storeys in a Building
- State Environmental Planning Policy No. 19 – Bushland in Urban Areas
- State Environmental Planning Policy No. 21 – Caravan Parks
- State Environmental Planning Policy No. 22 – Shops and Commercial Premises
- State Environmental Planning Policy No. 32 – Urban Consolidation (Redevelopment of Urban Land)
- State Environmental Planning Policy No. 33 – Hazardous and Offensive Development
- State Environmental Planning Policy No. 55 – Remediation of Land
- State Environmental Planning Policy No. 64 – Advertising and Signage
- State Environmental Planning Policy No. 65 – Design Quality of Residential Flat Development
- State Environmental Planning Policy No. 70 – Affordable Housing (Revised Schemes)
- State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004
- State Environmental Planning Policy (Building Sustainability Index: BASIX) 2004
- State Environmental Planning Policy (Major Projects) 2005
- State Environmental Planning Policy (Infrastructure) 2007
- State Environmental Planning Policy (Temporary Structures and Places of Public Entertainment) 2007
- State Environmental Planning Policy (Exempt and Complying Codes) 2008
- State Environmental Planning Policy (Affordable Rental Housing) 2009
- Draft State Environmental Planning Policy (Competition) 2010
- Sydney Regional Environmental Plan No. 26 – City West
- State Environmental Planning Policy No. 60 – Exempt and Complying Development
- Sydney Regional Environment Plan (Sydney Harbour Catchment) 2005

Note: As part of improvements to simplify the State's planning system, as of 1 July 2009, regional environmental plans (REPs) are no longer part of the hierarchy of environmental planning instruments in NSW. All existing REPs are now deemed State environmental planning policies (SEPPs).

LEICHHARDT TOWN PLAN – Leichhardt Local Environmental Plan 2000 **DOES NOT** apply to this land

Note: The land is subject to the planning controls of Sydney Regional Environmental Plan No. 26 - City West (deemed SEPP). However in determining a development application, the consent authority may take into consideration the provisions of Leichhardt Town Plan under s79C Environmental Planning and Assessment Act 1979.

The following proposed Local Environmental Plan that has been the subject of community consultation or been placed on public exhibition applies to the land: **NIL**

The following Development Control Plans (DCPs) apply to the land: **NIL**

Note: The land is subject to the planning controls of Sydney Regional Environmental Plan No. 26 - City West (deemed SEPP). However in determining a development application, the consent authority may take into consideration the provisions of the following Development Control Plans under s79C Environmental Planning and Assessment Act 1979.

- Leichhardt Development Control Plan (DCP) 2000
- DCP 32 - Design for Equity of Access & Adaptability
- DCP 35 - Exempt & Complying Development
- DCP 36 - Notifications
- DCP 38 - Avoid, Reuse, Recycle
- DCP 42 - Contaminated Land Management
- DCP 48 - Approvals Policy Managing Activities on Footpaths and Verges
- DCP 51 - Telecommunications and Radio communications

## **2. Zoning and land use under relevant environmental planning instruments referred to in clause 1 (other than a SEPP or proposed SEPP)**

LEICHHARDT TOWN PLAN – Leichhardt Local Environmental Plan 2000 **DOES NOT** apply to this land

Refer to of Sydney Regional Environmental Plan No. 26 – City West (deemed SEPP) planning controls:

<http://www.legislation.nsw.gov.au>

Information regarding the zoning and permissible uses of the land under Sydney Regional Environmental Plan No. 26 – City West (deemed SEPP) is available pursuant to a certificate under section 149(5) of the Environmental Planning and Assessment Act 1979.

## **2A. Zoning and land use under State Environmental Planning Policy (Sydney Region Growth Centres) 2006**

State Environmental Planning Policy (Sydney Region Growth Centres) 2006 **DOES NOT** apply to any land in Leichhardt Municipal Council.

## **3. State Environmental Planning Policy (Exempt and Complying Development Codes) 2008**

### **General Housing Code**

Whether complying development may be carried out on this land under the General Housing Code:

**NO**, because of the provisions of clause 1.19 of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 the land is excluded land being land that is:

Identified on an Acid Sulphate Soils Map as being Class 1

**NO**, because of the provisions of clause 1.17A (d) of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 the land is excluded land being land that is:

Listed as a Heritage Item in Sydney Regional Environmental Plan No. 26 – City West

### **Housing Alterations Code**

Whether complying development may be carried out on this land under the Housing Alterations Code:

**NO**, because of the provisions of clause 1.17A (d) of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 the land is excluded land being land that is:

Listed as a Heritage Item in Sydney Regional Environmental Plan No. 26 – City West

### **General Development Code**

Whether complying development may be carried out on this land under the General Development Code:

**NO**, because of the provisions of clause 1.17A (d) of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 the land is excluded land being land that is:

Listed as a Heritage Item in Sydney Regional Environmental Plan No. 26 – City West

### **General Commercial and Industrial Code**

Whether complying development may be carried out on this land under the Commercial and Industrial Code:

**NO**, because of the provisions of clause 1.17A (d) of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 the land is excluded land being land that is:

Listed as a Heritage Item in Sydney Regional Environmental Plan No. 26 – City West

<p><b>Subdivisions Code</b></p> <p>Whether complying development may be carried out on this land under the Subdivisions Code:</p> <p><b>NO</b>, because of the provisions of clause 1.17A (d) of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 the land is excluded land being land that is:</p> <p>Listed as a Heritage Item in Sydney Regional Environmental Plan No. 26 – City West</p>
<p><b>Demolition Code</b></p> <p>Whether complying development may be carried out on this land under the Demolition Code:</p> <p><b>NO</b>, because of the provisions of clause 1.17A (d) of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 the land is excluded land being land that is:</p> <p>Listed as a Heritage Item in Sydney Regional Environmental Plan No. 26 – City West</p>

<p><b>4. Coastal protection</b></p> <p>Whether or not the land is affected by the operation of section 38 or 39 of the <i>Coastal Protection Act 1979</i>, but only to the extent that the council has been so notified by the Department of Services Technology and Administration: <b>NO</b></p>
<p><b>4A. Certain information relating to beaches and coasts</b></p> <p>(1) Whether an order has been made under Part4D of the <i>Coastal Protection Act 1979</i> in relation to emergency coastal protection works (within the meaning of the Act) on the land (or on public land adjacent to that land):</p> <p><b>NO</b></p> <ul style="list-style-type: none"> <li>Is Council satisfied that such an order has been fully complied with: <b>N/A</b></li> </ul> <p>(2) (a) Whether Council has been notified under section 55X of the <i>Coastal Protection Act 1979</i> that emergency coastal protection works (within the meaning of the Act) have been placed on the land (or on public land adjacent to that land):</p> <p><b>NO</b></p> <p>(b) Whether Council is satisfied that the works have been removed and the land restored in accordance with the act:</p> <p><b>N/A</b></p> <p>(3) Such information (if any) is required to be included in the planning certificate by the regulations under section 56B of the <i>Coastal Protection Act 1979</i> only if council has been notified pursuant to those regulations.</p>
<p><b>4B. Annual charges under Local Government Act 1993 for coastal protection services that relate to existing coastal protection works</b></p> <p>Whether the owner (or any previous owner) of the land has consented in writing to the land being subject to annual charges under section 496B of the <i>Local Government Act 1993</i> for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of the Act): <b>NO</b></p> <p>Note. "Existing coastal protection works" are works to reduce the impact of coastal hazards on land (such as seawalls, revetments, groynes and beach nourishment) that existed before the commencement of section 553B of the <i>Local Government Act 1993</i>.</p>

<p><b>5. Mine subsidence</b></p> <p>Whether or not the land is proclaimed to be a mine subsidence district within the meaning of section 15 of the <i>Mine Subsidence Compensation Act 1961</i>: <b>NO</b></p>
--

<p><b>6. Road widening and road realignment</b></p> <p>Whether or not the land is affected by any road widening or road realignment under:</p>	
Division 2 of Part 3 of the <i>Roads Act 1993</i>	<b>NO</b>
any Environmental Planning Instrument	<b>NO</b>
any resolution of the Council.	<b>NO</b>

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

Whether or not the land is affected by a policy adopted by the council that restricts the development of the land because of the likelihood of:

land slip	NO
bushfire	NO
tidal inundation	NO Note: Council's DCPs do not apply however in determining a development application; the consent authority may take into consideration the provisions of the following DCP: Leichhardt Development Control Plan (DCP) 2000 Section A3a.0 Sustainable Water & Risk Management.
subsidence	NO
acid sulphate soils	NO Note: Council's DCPs do not apply however in determining a development application; the consent authority may take into consideration the provisions of the following DCP: DCP No.35 – Exempt and Complying Development, requires a risk assessment (potential risk of acid sulphate soils) as a condition of the DCP's application.
any other risk (other than flooding)	NO Note: Council's DCPs do not apply however in determining a development application; the consent authority may take into consideration the provisions of the following DCP: DCP No.42. Contaminated Land Management

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

land slip	NO
bushfire	NO
tidal inundation	NO
subsidence	NO
acid sulphate soils	YES, Council has been notified by the Acid Sulphate Soils Management Advisory Committee that certain lands are at risk of containing Acid Sulphate Soils. Persons relying on this certificate should refer to the Acid Sulphate Soils Planning Maps provided by the Department of Land and Water Conservation (now the Office of Environment and Heritage) (and available for viewing at Council) to satisfy themselves that the land is suitable for the intended use.
any other risk (other than flooding)	NO

## 7A. Flood related development controls information

(1) Whether or not development on the land or part of the land for the purposes of dwelling houses, dual occupancies, multi dwelling housing or residential flat buildings (not including development for the purposes of group homes or seniors housing) is subject to flood related development controls:

NO

(2) Whether or not development on the land or part of the land for any other purpose is subject to flood related development controls:

NO

The site is identified as a **Flood Control lot** in the Leichhardt Development Control Plan (DCP) 2000. Council's DCPs do not apply as the land is subject to the planning controls of Sydney Regional Environmental Plan No. 26 - City West (deemed SEPP) however in determining a development application, the consent authority may take into consideration provisions of those development control plans (s79C Environmental Planning and Assessment Act 1979).

(3) Words and expressions in this clause have the same meanings as in the instrument set out in the Schedule to the *Standard Instrument (Local Environmental Plans) Order 2006*.

## 8. Land reserved for acquisition

Whether or not any environmental planning instrument or proposed environmental planning instrument referred to in Item 1 makes provision in relation to the acquisition of the land by a public authority, as referred to in section 27 of the Act:

NO

## 9. Contributions plans

Council's contribution plans **DO NOT** apply however in determining a development application; the consent authority may take into consideration the provisions of the following:

- (1) Developer Contributions Plan No 1 – Open Space and Recreation (In operation from 18.1.05)
- (2) Developer Contributions Plan No 2 – Community Facilities and Services (In operation from 23.8.05)
- (3) Transport and Access Contributions Plan (In operation from 3.11.99)

## 9A. Biodiversity certified land

The land is **NOT** biodiversity certified as defined under Part 7AA of the *Threatened Species Conservation Act 1995*.

## 10. Biobanking agreements

There are **NO** biobanking agreements under Part 7A of the *Threatened Species Conservation Act 1995* (that council has been notified of by the Director-General of the Department of Environment, Climate Change and Water).

## 11. Bush fire prone land

The land is **NOT** bush fire prone land as defined under the *Environmental Planning and Assessment Act, 1979*.

## 12. Property vegetation plans

Property vegetation plans under the *Native Vegetation Act 2003* **DO NOT** apply to any land in Leichhardt Municipal Council.

## 13. Orders under Tree (Disputes Between Neighbours) Act 2006

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

**NO**

## 14. Directions under Part 3A

There is **NOT** a direction by the Minister in force under section 75P (2) (c1) of the *Environmental Planning and Assessment Act 1979* that a provision of an environmental planning instrument prohibiting or restricting the carrying out of a project or a stage of a project on the land under Part 4 of the Act does not have effect.

## 15. Site compatibility certificates and conditions for seniors housing

State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004 **DOES NOT** apply to this land.

There is **NOT** a current site compatibility certificate (of which the Council is aware), issued under clause 25 of State Environmental Planning Policy (Housing for Seniors or People with a Disability) 2004 in respect of proposed development on the land.

## 16. Site compatibility certificates for infrastructure

There is **NOT** a valid site compatibility certificate (of which the Council is aware), issued under clause 19 of State Environmental Planning Policy (Infrastructure) 2007 in respect of proposed development on the land.

## 17. Site compatibility certificates for affordable rental housing

There is **NOT** a valid site compatibility certificate (of which the Council is aware), issued under clause 37 of State Environmental Planning Policy (Affordable Rental Housing) 2009 in respect of proposed development on the land.

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

(a) that the land to which the certificate relates is significantly contaminated land within the meaning of that Act – if the land (or part of the land) is significantly contaminated land at the date when the certificate is issued,

**NO**

(b) that the land to which the certificate relates is subject to a management order within the meaning of the Act – if it is subject to such an order at the date when the certificate issued,

**NO**

(c) that the land to which the certificate relates is the subject of an approved voluntary management proposal within the meaning of the Act – if it is the subject of such an approved proposal at the date when the certificate is issued,

**NO**

(d) that the land to which the certificate relates is subject to an ongoing maintenance order within the meaning of the Act – if it is subject to such an order at the date when the certificate is issued,

**NO**

(e) that the land to which the certificate relates is the subject of a site audit statement within the meaning of the Act - if a copy of such a statement has been provided at any time to the local authority issuing the certificate.

**NO**

**Note.** Note the following matters are prescribed by section 26 of the *Nation Building and Jobs Plan (State Infrastructure Delivery) Act 2009* as additional matters to be specified in a planning certificate:

Whether an exemption has been made under section 23 and/or an authorisation under section 24 of the *Nation Building and Jobs Plan (State Infrastructure Delivery) Act 2009* (but only if the council has been provided with a copy of the exemption and/or authorisation by the Co-ordinator General under that Act): **NO**

***The following information is provided pursuant to Section 149(5) of the EP&A Act.***

**Tree Preservation Order**

This land **IS** affected by a Tree Preservation Order.

**Boarding House**

This property is **NOT** registered with Council as a boarding house. Nevertheless the provisions of State Environmental Planning Policy (Affordable Rental Housing) 2009 may apply.

## Zoning under Sydney Regional Environmental Plan No 26 – City West

### Port and Employment Zone

Only uses which the consent authority is satisfied are generally consistent with one or more of the zone objectives are permissible within this zone.

The **objectives of this zone** are:

- to facilitate the continuation of commercial port uses, and
- to allow a range of commercial port facilities (such as buildings, structures, activities or operations and uses ancillary to these, associated with carrying goods from one port to another and associated with storage and handling and access to the port), and
- to encourage development on Glebe Island and land adjoining White Bay which requires close proximity to the port, and
- to encourage a mix of land uses which generate employment opportunities, particularly in relation to port and maritime uses, and
- to allow a mix of uses which generate employment opportunities in the White Bay Power Station site, and
- to provide for the ongoing rail access to the port and related activities, and
- to provide pedestrian and cyclist links with surrounding public access networks, and
- to encourage port-related uses which optimise use of existing rail facilities, and
- to provide road and rail access to port activities.

### **Additional Information**

#### **AUSTRALIAN NOISE EXPOSURE FORECAST (A.N.E.F.)**

The subject land is below the ANEF 20 contour.

For more information please contact:

#### **Airservices Australia**

Noise Enquiry Lines

The national number rings at the nearest local noise enquiry office.

**National Noise Enquiry Line: 1800 802 584**

Head Office Address:

Alan Woods Building  
25 Constitution Avenue  
Canberra ACT 2601

Postal Address:

GPO Box 367  
Canberra ACT 2601

Phone: 02 6268 4111 or 1300 301 120

Fax: 02 6268 5683

ANEF information can be found under the Airservices Australia web site:

<http://www.airservicesaustralia.com>

#### **SYDNEY PORTS CORPORATION**

Some land in Leichhardt, located in the vicinity of the White Bay and Glebe Island ports may be affected by noise from port operations. If you consider that the subject land is, or is likely to be affected by port noise, please contact:

The Environment Operations Manager at:

Sydney Ports Corporation  
Level 4, 20 Windmill Street  
Walsh Bay NSW 2000  
Telephone (02) 9296 4999

### **Information regarding outstanding notices and orders**

For information regarding outstanding notices and orders a Certificate for outstanding notices or intention and/or an Order under section 735A of the Local Government Act, 1993 and Section 121ZP of the Environmental Planning and Assessment Act, 1979 may be applied for at Leichhardt Municipal Council.

### **General Message on matters not able to be included in this Certificate**

The s149 Certificate provides information relating to the land itself. Persons should make their own enquiries into external matters which may affect the enjoyment of the land such as development consents on adjacent land, Park Plans of Management etc.



## General Information

The absence of any reference to a matter affecting the land shall not imply that the land is not affected by that matter not referred to in this certificate.

Information provided under section 149(2) is in accordance with the matters prescribed under schedule 4 of the Environmental Planning and Assessment Regulation 2000 and is provided only to the extent that the Council has been notified by relevant departments or public authorities.

When advice in accordance with section 149(5) is requested, the Council is under no obligation to furnish any advice. If advice is provided Council draws your attention to section 149(6) and section 145B of the *Environmental Planning and Assessment Act 1979* which have the effect that Council shall not incur any liability in respect of advice provided in good faith pursuant to section 149(5), including the furnishing of advice in respect of contaminated land.

Any enquiries regarding State Environmental Planning Policies and should be directed to the Department of Planning.

Please contact Council's Strategic Planning section for further information about this Planning Certificate.

Peter Head

General Manager

Per:



## **Appendix G**

### **Heritage Records**

## Search Results

20 results found.

<a href="#">Callan Park Conservation Area</a>	Lilyfield, NSW, Australia	( <a href="#">Registered</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">Callan Park House</a> South Cr	Lilyfield, NSW, Australia	( <a href="#">Registered</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">Cockatoo Island</a>	Rozelle, NSW, Australia	( <a href="#">Listed place</a> ) National Heritage List
<a href="#">Cottages and Gardens</a> Manning St	Lilyfield, NSW, Australia	( <a href="#">Registered</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">Fire Station (former)</a> 749 Darling St	Rozelle, NSW, Australia	( <a href="#">Indicative Place</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">Gardeners Cottage</a> Military Dr	Lilyfield, NSW, Australia	( <a href="#">Registered</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">Glebe Island Bridge</a> Bank St	Pymont, NSW, Australia	( <a href="#">Registered</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">Glebe Island Dyke Exposures</a> Victoria Rd	Rozelle, NSW, Australia	( <a href="#">Indicative Place</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">Industrial Therapy Unit</a> Central Av	Lilyfield, NSW, Australia	( <a href="#">Registered</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">Kirkbride Block</a> Kirkbride Way	Lilyfield, NSW, Australia	( <a href="#">Registered</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">Main Gates (former)</a> Balmain Rd	Lilyfield, NSW,	( <a href="#">Registered</a> )

	Australia	Register of the National Estate (Non-statutory archive)
<a href="#">Parramatta and Lane Cove Rivers Landscapes</a>	Sydney , NSW, Australia	( <a href="#">Indicative Place</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">Rozelle Public School</a> 660 Darling St	Rozelle, NSW, Australia	( <a href="#">Registered</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">Rozelle Railway Goodline Viaduct</a> Victoria Rd	Annandale, NSW, Australia	( <a href="#">Indicative Place</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">St Pauls Presbyterian Church (former)</a> 665A Darling St	Rozelle, NSW, Australia	( <a href="#">Registered</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">Sydney Harbour Landscape Area</a>	Sydney , NSW, Australia	( <a href="#">Indicative Place</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">The Lodge</a> Balmain Rd	Lilyfield, NSW, Australia	( <a href="#">Registered</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">Visitors Accommodation (former)</a> Central Av	Lilyfield, NSW, Australia	( <a href="#">Registered</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">Ward 14 and 15</a> Central Av	Lilyfield, NSW, Australia	( <a href="#">Registered</a> ) Register of the National Estate (Non-statutory archive)
<a href="#">White Bay Power Station</a> Robert St	Rozelle, NSW, Australia	( <a href="#">Indicative Place</a> ) Register of the National Estate (Non-statutory archive)

Report Produced: Wed Sep 26 11:54:38 2012

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## Search for NSW heritage

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### Statutory listed items

Information and items listed in the State Heritage Inventory come from a number of sources. This means that there may be several entries for the same heritage item in the database. For clarity, the search results have been divided into two sections.

**Section 1.** contains items listed by the **heritage council** under the NSW Heritage Act. This includes listing on the state heritage register, an interim heritage order or protected under section 136 of the NSW Heritage Act. This information is provided by the Heritage Branch.

**Section 2.** contains items listed by **local councils & shires and state government agencies**. This section may also contain additional information on some of the items listed in the first section.

### Section 1. Items listed under the NSW Heritage Act.

Your search returned 23 records.

Item name	Address	Suburb	LGA	Listed under Heritage Act
<a href="#">Balmain Hospital - Main Building</a>	Booth Street	Balmain	Leichhardt	Yes
<a href="#">Callan Park Conservation Area &amp; Buildings</a>	Balmain Road	Lilyfield	Leichhardt	Yes
<a href="#">Callan Park House - Rozelle Hospital</a>	Balmain Road	Lilyfield	Leichhardt	Yes
<a href="#">Dawn Fraser Swimming Pool</a>	Glassop Street	Balmain	Leichhardt	Yes
<a href="#">Ewenton</a>	6 Ewenton Street	Balmain	Leichhardt	Yes
<a href="#">Fenwick &amp; Co Boat Store</a>	2-8 Weston Street	Balmain	Leichhardt	Yes
<a href="#">Goodman's Buildings</a>	2-12 Johnston Street	Annandale	Leichhardt	Yes
<a href="#">Hampton Villa</a>	12B Grafton Street	Balmain	Leichhardt	Yes
<a href="#">Hunter Baillie Memorial Presbyterian Church</a>	Johnston Street	Annandale	Leichhardt	Yes
<a href="#">Johnston's Creek Sewer Aqueduct</a>	Taylor Street (Off), Hogan Park	Annandale	Leichhardt	Yes
<a href="#">Louisaville</a>	2 Wells Street	Balmain	Leichhardt	Yes
<a href="#">Mort's Dock</a>	Thames, Mort, College, McKell, Cameron, Yeend Streets	Balmain	Leichhardt	Yes
<a href="#">Pyrmont and Glebe Railway Tunnels</a>	Metropolitan goods railway	Pyrmont	Leichhardt	Yes
<a href="#">Railway electricity tunnel under Sydney Harbour</a>		Birchgrove / Greenwich	Leichhardt	Yes
<a href="#">Raywell</a>	144 Louisa Road	Birchgrove	Leichhardt	Yes
<a href="#">Rozelle Hospital - Broughton Hall</a>	Balmain Road	Lilyfield	Leichhardt	Yes
<a href="#">Sewage Pumping Station 27</a>	Callan Park	Rozelle	Leichhardt	Yes
<a href="#">Sewage Pumping Station 3</a>	Booth Street	Annandale	Leichhardt	Yes
<a href="#">Substation</a>	182 Johnston Street	Annandale	Leichhardt	Yes

<a href="#">Waterview Wharf Workshops</a>	37 Nicholson Street	Balmain	Leichhardt	Yes
<a href="#">White Bay Power Station</a>	Victoria Road	Rozelle	Leichhardt	Yes
<a href="#">White's Creek Aqueduct</a>	Piper Street	Lilyfield	Leichhardt	Yes
<a href="#">Wyoming</a>	25 Wharf Road	Birchgrove	Leichhardt	Yes

ItemName	0
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## Section 2. Items listed by Local Government and State Agencies.

Your search returned 623 records.

Item name	Address	Suburb	LGA	Information source
<a href="#">Urban Transit Authority Ferry Maintenance Depot</a>	Alexander Street	Balmain	Leichhardt	GAZ
<a href="#">Boatsheds (only)</a>	Louisa Road	Birchgrove	Leichhardt	GAZ
<a href="#">Balmain to Greenwich Tunnel, including docking facilities and services buildings</a>	Long Nose Point (from)	Balmain	Leichhardt	GAZ
<a href="#">Callan Park Hospital Wharf (former)</a>	Rozelle Hospital	Rozelle	Leichhardt	GAZ
<a href="#">Site and remains of former Morts Dock</a>	Foreshore of park	Balmain	Leichhardt	GAZ
<a href="#">Fenwick and Co Tug Depot</a>	2-8 Weston Street	Balmain	Leichhardt	GAZ
<a href="#">Tasmanian Ferry Terminal (remains of former)</a>	Yeend Street	Balmain	Leichhardt	GAZ
<a href="#">Brown Bros Marina Pty Ltd</a>	7 Alexander Street	Balmain	Leichhardt	GAZ
<a href="#">Jubilee Floating Dock Site</a>	Datchett Street	Balmain	Leichhardt	GAZ
<a href="#">Ratho</a>	266 Johnston Street	Annandale	Leichhardt	GAZ
<a href="#">Cove Street Wharf</a>	Cove Street	Balmain	Leichhardt	GAZ
<a href="#">Punch Street Wharf</a>	Punch Street	Balmain	Leichhardt	GAZ
<a href="#">Monument - Glebe Island</a>		Glebe Island	Leichhardt	GAZ
<a href="#">Railway Bridge</a>	Railway Parade	Annandale	Leichhardt	GAZ
<a href="#">Street Trees - Avenue of Brush Box</a>	Albert Street	Leichhardt	Leichhardt	LGOV
<a href="#">Cottage</a>	27 Anne Street	Balmain	Leichhardt	LGOV
<a href="#">Craiglea</a>	291-293 Annandale Street	Annandale	Leichhardt	LGOV
<a href="#">House</a>	342 Annandale Street	Annandale	Leichhardt	LGOV
<a href="#">Street Trees</a>	Annandale Street	Annandale	Leichhardt	LGOV
<a href="#">Tyne Villas</a>	25-27 Ballast Point Road	Birchgrove	Leichhardt	LGOV
<a href="#">Yeroulbin Terrace</a>	46-56 Ballast Point Road	Birchgrove	Leichhardt	LGOV
<a href="#">Clifton Villa</a>	73 Ballast Point Road	Birchgrove	Leichhardt	LGOV
<a href="#">SRA Stores Branch Building</a>	Balmain Road	Leichhardt	Leichhardt	LGOV
<a href="#">Rutherford</a>	243 Balmain Road	Leichhardt	Leichhardt	LGOV
<a href="#">Street Trees - Row of Phoenix Canariensis</a>	Barr Street	Balmain	Leichhardt	LGOV

<a href="#">Street Trees - Row of Phoenix Palms</a>	Ball Street	Balmain	Leichhardt	LGOV
<a href="#">Street Trees - Row of Brush Box</a>	Bayview Crescent	Annandale	Leichhardt	LGOV
<a href="#">Row of Houses and Shopfronts</a>	91-99 Beattie Street	Balmain	Leichhardt	LGOV
<a href="#">Mertonville Hotel (former)</a>	141 Beattie Street	Balmain	Leichhardt	LGOV
<a href="#">Houses</a>	18,20 Beeson Street	Leichhardt	Leichhardt	LGOV
<a href="#">Railway Viaduct</a>	Bicentennial Park	Rozelle Bay	Leichhardt	LGOV
<a href="#">Substation No SPS 4</a>	Bicentennial Park	Rozelle Bay	Leichhardt	LGOV
<a href="#">Johnston's Creek</a>	Bicentennial Park	Rozelle Bay	Leichhardt	LGOV
<a href="#">Pope Paul VI Reserve</a>	Bicentennial Park	Rozelle Bay	Leichhardt	LGOV
<a href="#">Lorne Villa</a>	33 Birchgrove Road	Balmain	Leichhardt	LGOV
<a href="#">St. Kilda</a>	75 Birchgrove Road	Birchgrove	Leichhardt	LGOV
<a href="#">Single Terrace</a>	79 Birchgrove Road	Balmain	Leichhardt	LGOV
<a href="#">St. John the Evangelist Anglican Church</a>	Birchgrove Road	Birchgrove	Leichhardt	LGOV
<a href="#">MBWS &amp; S</a>	Booth Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	1 Bridge Street	Balmain	Leichhardt	LGOV
<a href="#">Semi-detached two storey house</a>	15-17 Burt Street	Rozelle	Leichhardt	LGOV
<a href="#">Sir William Wallace Pub</a>	31 Cameron Street	Balmain	Leichhardt	LGOV
<a href="#">Neighbourhood Shops</a>	33-39 Cameron Street	Birchgrove	Leichhardt	LGOV
<a href="#">Presbyterian Manse and Terrace</a>	9 - 11 Campbell Street	Balmain	Leichhardt	LGOV
<a href="#">Stone Terrace Houses</a>	34-36 Campbell Street	Balmain	Leichhardt	LGOV
<a href="#">Old Place, The</a>	19 Trouton Street	Balmain	Leichhardt	LGOV
<a href="#">Thorby Buildings</a>	129-141 Catherine Street	Leichhardt	Leichhardt	LGOV
<a href="#">Lammer-Muir</a>	255 Catherine Street	Leichhardt	Leichhardt	LGOV
<a href="#">Semi-detached houses</a>	2 - 4 Charles Street	Balmain	Leichhardt	LGOV
<a href="#">Kerb and Gutter</a>	Chester Street	Camperdown	Leichhardt	LGOV
<a href="#">Colgate - Palmolive Buildings</a>	22-23 Colgate Avenue	Balmain	Leichhardt	LGOV
<a href="#">Dry Dock Hotel</a>	90 College Street	Balmain	Leichhardt	LGOV
<a href="#">Agincourt</a>	13-15 Collins Street	Annandale	Leichhardt	LGOV
<a href="#">St. Brendon's Parish Home</a>	34 Collins Street	Annandale	Leichhardt	LGOV
<a href="#">Houses - Streetscape</a>	5-17 Coulon Street	Rozelle	Leichhardt	LGOV
<a href="#">Terrace Houses</a>	5-15 Cove Street	Birchgrove	Leichhardt	LGOV
<a href="#">Corner shop (former)</a>	106 Curtis Road	Balmain	Leichhardt	LGOV
<a href="#">Waterman's Cottage</a>	12 Darling Street	Balmain East	Leichhardt	LGOV

<a href="#">Stone Semi-detached houses</a>	26-28 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Cahermore</a>	50 Darling Street	Balmain East	Leichhardt	LGOV
<a href="#">Three terrace houses and corner building</a>	74-80 Darling Street	Balmain East	Leichhardt	LGOV
<a href="#">House and Shop</a>	90 Darling Street	Balmain East	Leichhardt	LGOV
<a href="#">Buildings addressing street</a>	147-157 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">London Hotel, The</a>	234 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Courtyard Café</a>	238 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Westpac Bank</a>	274 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Court House and Police Station</a>	368 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Fire Station</a>	391 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	449 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">War Memorial</a>	Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Park, including Reservoir</a>	Gladstone Park	Balmain	Leichhardt	LGOV
<a href="#">St. Paul's Church</a>	665A Darling Street	Rozelle	Leichhardt	LGOV
<a href="#">Police Station (former)</a>	707 Darling Street	Rozelle	Leichhardt	LGOV
<a href="#">Iver</a>	12 Datchett Street	Balmain	Leichhardt	LGOV
<a href="#">Stone paving</a>	Datchett Street	Balmain	Leichhardt	LGOV
<a href="#">Rotherhithe Cottage</a>	73 Denison Street	Rozelle	Leichhardt	LGOV
<a href="#">White Bay Park</a>	Donelly Street	Balmain	Leichhardt	LGOV
<a href="#">Richmond Terrace</a>	5-15 Duke Street	Balmain East	Leichhardt	LGOV
<a href="#">Street trees- Row of Ficus Hillii</a>	Duke Street	Balmain East	Leichhardt	LGOV
<a href="#">Fr Michael School</a>	Eaton Street	Balmain	Leichhardt	LGOV
<a href="#">Church</a>	3 Jane Street	Balmain	Leichhardt	LGOV
<a href="#">Braeside</a>	96 Elliot Street	Balmain	Leichhardt	LGOV
<a href="#">Street Trees - Two Moreton Bay Figs</a>	Elliott Street	Balmain	Leichhardt	LGOV
<a href="#">Elswick</a>	171 Elswick Street	Leichhardt	Leichhardt	LGOV
<a href="#">Row of houses</a>	22-32 Emily Street	Leichhardt	Leichhardt	LGOV
<a href="#">Street Trees - Brush Box and one Brachychiton</a>	Lilyfield Road	Leichhardt	Leichhardt	LGOV
<a href="#">Two brick buildings</a>	60-62 Evans Street	Rozelle	Leichhardt	LGOV
<a href="#">Two storey corner building</a>	94 Evans Street	Rozelle	Leichhardt	LGOV
<a href="#">Kinvarra</a>	3 Ewenton Street	Balmain	Leichhardt	LGOV
<a href="#">Bayview</a>	14 Fawcett Street	Balmain	Leichhardt	LGOV



<a href="#">Terrace Houses</a>	2-12 Fitzroy Avenue	Birchgrove / Balmain	Leichhardt	LGOV
<a href="#">House (former)</a>	22 Foster Street (Lambert Park )	Leichhardt	Leichhardt	LGOV
<a href="#">Street Trees - Row of three Camphor Laurels</a>	Fredbert Street	Leichhardt	Leichhardt	LGOV
<a href="#">House</a>	9 Duke Place	Balmain	Leichhardt	LGOV
<a href="#">Elkington Park</a>	Glassop	Balmain	Leichhardt	LGOV
<a href="#">St. Josephs Church and School</a>	46 Victoria Road	Rozelle	Leichhardt	LGOV
<a href="#">Corner Shop (former)</a>	17 Grove Street	Balmain	Leichhardt	LGOV
<a href="#">Terrace house (8) and Corner Building</a>	37-53 Grove Street	Balmain	Leichhardt	LGOV
<a href="#">Street Trees - Row of Brush Box and 1 Ficus Hillii</a>	Henry Street	Leichhardt	Leichhardt	LGOV
<a href="#">Hornsey House</a>	42 Hornsey Street	Rozelle	Leichhardt	LGOV
<a href="#">General Store</a>	2 Hubert Street	Leichhardt	Leichhardt	LGOV
<a href="#">Street Trees - Row of Phoenix Canariensis</a>	Isobel Street	Balmain	Leichhardt	LGOV
<a href="#">Rosebank and Cairngorm</a>	11,13 Jane Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	7 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Annandale Public School</a>	25-31 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Residential group</a>	35,39,41 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Attached Houses</a>	38-40 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Community Centre</a>	79 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Sandstone retaining wall and steps</a>	Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Shop and Residence</a>	83 Young Street	Annandale	Leichhardt	LGOV
<a href="#">Post Office</a>	115 Booth Street	Annandale	Leichhardt	LGOV
<a href="#">Wall and gateways</a>	250-272 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Hockington</a>	264 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Oybin</a>	270 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Street Trees - Brush Box</a>	Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Captain Tinley's House</a>	13 Johnston Street	Balmain	Leichhardt	LGOV
<a href="#">Ewenton Park includes two fig trees</a>	Ewenton Street	Balmain	Leichhardt	LGOV
<a href="#">Street Trees - Brush Box plantation</a>	Leys Avenue	Leichhardt	Leichhardt	LGOV
<a href="#">Street Trees - Brush Box and Ficus Hillii</a>	Llewellyn Street	Balmain	Leichhardt	LGOV
<a href="#">Leopoldville</a>	14 Louisa Road	Balmain	Leichhardt	LGOV
<a href="#">Anchorage. The</a>	44 Louisa Road	Balmain	Leichhardt	LGOV
<a href="#">Geierstein</a>	85 Louisa Road	Balmain	Leichhardt	LGOV

<a href="#">Sydney Harbour Tunnel - Greenwich to Balmain</a>	Louisa Road	Balmain	Leichhardt	LGOV
<a href="#">Street Trees - Brush Box and Palms</a>	Macquarie Terrace	Balmain	Leichhardt	LGOV
<a href="#">Corner Building</a>	31 Mansfield Street	Rozelle	Leichhardt	LGOV
<a href="#">Fire Station</a>	41 Marion Street	Leichhardt	Leichhardt	LGOV
<a href="#">Semi-detached houses</a>	6-8 Marion Street	Leichhardt	Leichhardt	LGOV
<a href="#">Semi-detached Houses</a>	90-92 Marion Street	Leichhardt	Leichhardt	LGOV
<a href="#">Street Tree - one Ficus Hillii</a>	Mary Street	Leichhardt	Leichhardt	LGOV
<a href="#">Balmain Co-op Society</a>	28 Montague Street	Balmain	Leichhardt	LGOV
<a href="#">Elliot Street Wharf</a>	Elliot Street	Balmain	Leichhardt	GAZ
<a href="#">Long Nose Point Wharf</a>	Louisa Road	Birchgrove	Leichhardt	GAZ
<a href="#">Leichhardt Wharf</a>	Leichhardt Park	Leichhardt	Leichhardt	GAZ
<a href="#">Site and remains of ferry wharf</a>	Yeend Street	Balmain	Leichhardt	GAZ
<a href="#">Site of Rowntree's Floating Dock</a>	The Avenue	Balmain	Leichhardt	GAZ
<a href="#">Stannard Bros Launch Service Depot</a>	19 Wharf Road	Balmain	Leichhardt	GAZ
<a href="#">Tidal Pool</a>	13 Simmons Street	Balmain	Leichhardt	GAZ
<a href="#">Darling Street Wharf Site</a>	Darling Street	Balmain	Leichhardt	GAZ
<a href="#">STA Ferry Maintenance Depot</a>	Waterview Street	Balmain	Leichhardt	GAZ
<a href="#">Thames Street Ferry Wharf &amp; Shelter</a>	Thames Street	Balmain	Leichhardt	GAZ
<a href="#">Rozelle Hospital</a>		Lilyfield	Leichhardt	GAZ
<a href="#">Sewerage Pumping Station</a>	Robert Street	Rozelle	Leichhardt	GAZ
<a href="#">Stormwater Canal</a>	Lilyfield Road	Rozelle	Leichhardt	GAZ
<a href="#">Grenfell Cottage</a>	23 Ainsworth Street	Leichhardt	Leichhardt	LGOV
<a href="#">Street Trees - Avenue of Brush Box</a>	Allen Street	Leichhardt	Leichhardt	LGOV
<a href="#">Shop Residence (former)</a>	216 Annandale Street	Annandale	Leichhardt	LGOV
<a href="#">House</a>	302 Annandale Street	Annandale	Leichhardt	LGOV
<a href="#">Shop and Residence</a>	349 Annandale Street	Annandale	Leichhardt	LGOV
<a href="#">Lerna</a>	1 Ballast Point Road	Birchgrove	Leichhardt	LGOV
<a href="#">Ellerslie Terrace</a>	35-47 Ballast Point Road	Birchgrove	Leichhardt	LGOV
<a href="#">House</a>	67 Ballast Point Road	Birchgrove	Leichhardt	LGOV
<a href="#">Trees and Reserve</a>	Ronald Street	Balmain	Leichhardt	LGOV
<a href="#">Tram Depot Office</a>	Balmain Road	Leichhardt	Leichhardt	LGOV
<a href="#">Stepped Terrace House (row)</a>	393-405 Balmain Road	Rozelle	Leichhardt	LGOV

<a href="#">Iron Palisade fence</a>	Bayview Crescent	Annandale	Leichhardt	LGOV
<a href="#">Two storey shopfront buildings</a>	88 Beattie Street	Balmain	Leichhardt	LGOV
<a href="#">Exchange Hotel</a>	94 Beattie Street	Balmain	Leichhardt	LGOV
<a href="#">Anne Cashman Reserve</a>	Balmain Street	Balmain	Leichhardt	LGOV
<a href="#">Building on corner</a>	22 Belmore Street	Rozelle	Leichhardt	LGOV
<a href="#">Bowstring Bridge</a>	Bicentennial Park	Rozelle Bay	Leichhardt	LGOV
<a href="#">Federal Park</a>	Bicentennial Park	Rozelle Bay	Leichhardt	LGOV
<a href="#">Jubilee Park</a>	Bicentennial Park	Rozelle Bay	Leichhardt	LGOV
<a href="#">Riverview Hotel, The</a>	29 Birchgrove Road	Balmain	Leichhardt	LGOV
<a href="#">Lilywill</a>	54 Birchgrove Road	Balmain	Leichhardt	LGOV
<a href="#">House</a>	77 Birchgrove Road	Birchgrove	Leichhardt	LGOV
<a href="#">Birchgrove Public School</a>	Birchgrove Road	Birchgrove	Leichhardt	LGOV
<a href="#">Birchgrove Colliery</a>	Birchgrove Road	Balmain	Leichhardt	LGOV
<a href="#">Stone House</a>	39-41 Booth Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	2 Broderick Lane	Balmain	Leichhardt	LGOV
<a href="#">Smith's Hall</a>	56 Burt Street	Rozelle	Leichhardt	LGOV
<a href="#">Mrs Lawrence's corner Building</a>	36 Cameron Street	Balmain	Leichhardt	LGOV
<a href="#">Street Trees - Avenue of Brush Box</a>	Campbell Avenue	Leichhardt	Leichhardt	LGOV
<a href="#">House</a>	33 Campbell Street	Balmain	Leichhardt	LGOV
<a href="#">Kinsale group of houses (former)</a>	68-70 Campbell Lane	Balmain	Leichhardt	LGOV
<a href="#">Street Trees - various species</a>	Carrington Street	Balmain	Leichhardt	LGOV
<a href="#">Office and Residence</a>	214 Catherine Street	Leichhardt	Leichhardt	LGOV
<a href="#">Street Trees - Row of Port Jackson Figs</a>	Catherine Street	Leichhardt	Leichhardt	LGOV
<a href="#">Moorfield</a>	6 Charles Street	Balmain East	Leichhardt	LGOV
<a href="#">Concertina Terraces</a>	5-13 St John Street	Balmain	Leichhardt	LGOV
<a href="#">Royal Oak Hotel</a>	36 College Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	11 Collins Street	Annandale	Leichhardt	LGOV
<a href="#">Police Station</a>	21 Collins Street	Annandale	Leichhardt	LGOV
<a href="#">St. Brendon's Convent</a>	36 Collins Street	Annandale	Leichhardt	LGOV
<a href="#">House</a>	21 Coulon Street	Rozelle	Leichhardt	LGOV
<a href="#">Shop (former)</a>	33-35 Curtis Road	Balmain	Leichhardt	LGOV
<a href="#">Shipwrights Arms, The</a>	10 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Plym Terrace</a>	21-31 Darling Street	Balmain	Leichhardt	LGOV

<a href="#">Three Terrace houses</a>	30-34 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Unity Hall Hotel (former)</a>	Darling Street	Balmain East	Leichhardt	LGOV
<a href="#">St. Mary's Anglican Church</a>	89 Darling Street	Balmain East	Leichhardt	LGOV
<a href="#">Small stone buildings</a>	141-143 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Volunteer Hotel (former)</a>	214 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Oddfellows Hall</a>	236 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">St Andrews Congregational Church</a>	Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Working Men's Institute, The</a>	332 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Factory</a>	111 Moore Street	Leichhardt	Leichhardt	LGOV
<a href="#">Forth and Clyde Hotel (formerly)</a>	101 Mort Street	Balmain	Leichhardt	LGOV
<a href="#">Nicholson Street Public School</a>	Nicholson Street	Balmain East	Leichhardt	LGOV
<a href="#">Mort Bay House</a>	34 Nicholson Street	Balmain East	Leichhardt	LGOV
<a href="#">Street Trees - Ficus Macrophylla</a>	Nicholson Street	Balmain East	Leichhardt	LGOV
<a href="#">Post Office (former)</a>	Norton Street	Leichhardt	Leichhardt	LGOV
<a href="#">Pioneers Memorial Park</a>	Norton Street	Leichhardt	Leichhardt	LGOV
<a href="#">Eastcliff Terraces</a>	2-14 Paul Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	5 Paul Street	Balmain	Leichhardt	LGOV
<a href="#">Police Station (former)</a>	210 Parramatta Road	Camperdown	Leichhardt	LGOV
<a href="#">Taverner's Hill Hotel</a>	463 Parramatta Road	Leichhardt	Leichhardt	LGOV
<a href="#">Hillside House</a>	11 Pearson Street	Balmain East	Leichhardt	LGOV
<a href="#">Corner Buildings</a>	Phillip Street	Balmain	Leichhardt	LGOV
<a href="#">Warehouse</a>	21-37 Booth Street	Camperdown	Sydney	LGOV
<a href="#">Post office (former)</a>	1 Queens Place	Balmain	Leichhardt	LGOV
<a href="#">Row of Palms</a>	Railway Parade	Annandale	Leichhardt	LGOV
<a href="#">Mary Terrace</a>	4-12 Red Lion Street	Rozelle	Leichhardt	LGOV
<a href="#">Semi-detached Cottages</a>	69, 71-79 Reynolds Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	40 Rowntree Street	Balmain	Leichhardt	LGOV
<a href="#">Shop and Residence</a>	137 Rowntree Street	Balmain	Leichhardt	LGOV
<a href="#">Row housing</a>	177-211 Rowntree Street	Balmain	Leichhardt	LGOV
<a href="#">Gary Owen House (former)</a>	Rozelle Hospital	Rozelle	Leichhardt	LGOV
<a href="#">Lodge, The</a>	Rozelle Hospital, Balmain Road	Lilyfield	Leichhardt	LGOV
<a href="#">Rehabilitation and Industrial Therapy Unit</a>	Rozelle Hospital	Rozelle	Leichhardt	LGOV

<a href="#">Tree Tops</a>	Rozelle Hospital, Church Street	Leichhardt	Leichhardt	LGOV
<a href="#">European relief rock carvings</a>	Rozelle Hospital	Rozelle	Leichhardt	LGOV
<a href="#">Kay's Corner</a>	60-62 Ryan Street	Lilyfield	Leichhardt	LGOV
<a href="#">Leichhardt Hotel</a>	1 Short Street	Leichhardt	Leichhardt	LGOV
<a href="#">Providence</a>	73 Smith Street	Balmain	Leichhardt	LGOV
<a href="#">Pacific Hotel (former)</a>	4 Stephen	Balmain	Leichhardt	LGOV
<a href="#">Glenarvon</a>	1 Thomas Street	Balmain	Leichhardt	LGOV
<a href="#">Three Terrace Houses</a>	7-11 Thames Street	Balmain	Leichhardt	LGOV
<a href="#">Wharf</a>	Thames Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	1 The Avenue	Annandale	Leichhardt	LGOV
<a href="#">Sandstone retaining wall</a>	The Crescent	Annandale	Leichhardt	LGOV
<a href="#">Beales Piano Factory (former)</a>	43-47 Trafalgar Street	Annandale	Leichhardt	LGOV
<a href="#">Shop and Residence</a>	55 Trafalgar Street	Annandale	Leichhardt	LGOV
<a href="#">Shop and Residence</a>	268 Trafalgar Street	Annandale	Leichhardt	LGOV
<a href="#">House</a>	17 Union Street	Balmain East	Leichhardt	LGOV
<a href="#">Streetscape Group</a>	Lords Road	Leichhardt	Leichhardt	LGOV
<a href="#">York Buildings</a>	128 -132 Victoria Road	Rozelle	Leichhardt	LGOV
<a href="#">Ardenlea</a>	14 Vincent Street	Balmain East	Leichhardt	LGOV
<a href="#">Puirri</a>	2 Wallace Street	Balmain	Leichhardt	LGOV
<a href="#">Timber Houses</a>	16-22 Waterview Street	Balmain	Leichhardt	LGOV
<a href="#">Joldwen</a>	47 Waterview Street	Balmain	Leichhardt	LGOV
<a href="#">Yeend's Terrace</a>	1 - 15 Wells Street	Balmain	Leichhardt	LGOV
<a href="#">Methodist Central Hall</a>	1a Wetherill Street	Leichhardt	Leichhardt	LGOV
<a href="#">Bremer House</a>	8 Wharf Road	Birchgrove	Leichhardt	LGOV
<a href="#">Wyoming</a>	25, 25a, 25 b Wharf Road	Balmain	Leichhardt	LGOV
<a href="#">Simla and Oneida</a>	33-35 Wharf Road	Balmain	Leichhardt	LGOV
<a href="#">R.M Brownlee Reserve</a>	Wharf Road	Balmain	Leichhardt	LGOV
<a href="#">Tilba Tilba</a>	18 White Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	18 William Street	Balmain	Leichhardt	LGOV
<a href="#">Punch Park</a>	Wortley Street	Balmain	Leichhardt	LGOV
<a href="#">Balmain Power Station</a>	2 Margaret Street	Rozelle	Leichhardt	LGOV
<a href="#">House</a>	24 Pearson Street	Balmain East	Leichhardt	LGOV
<a href="#">Raywell</a>	144 Louisa Road	Balmain	Leichhardt	LGOV

<a href="#">House</a>	72 Campbell Street	Balmain	Leichhardt	LGOV
<a href="#">Harbourview Terrace</a>	7-17 Edward Street	Balmain East	Leichhardt	LGOV
<a href="#">Terraces</a>	41-43 Glassop Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	2 Wells Street	Balmain	Leichhardt	LGOV
<a href="#">Birchgrove House (former site)</a>	65-67 Louisa Road	Balmain	Leichhardt	LGOV
<a href="#">Clovernook</a>	43 Wharf Road	Balmain	Leichhardt	LGOV
<a href="#">Houses</a>	66-68 Birchgrove Road	Birchgrove	Leichhardt	LGOV
<a href="#">Bank</a>	661 Darling Street	Rozelle	Leichhardt	LGOV
<a href="#">Cottages</a>	122 Foucart Street	Rozelle	Leichhardt	LGOV
<a href="#">House</a>	181 Annandale Street	Annandale	Leichhardt	LGOV
<a href="#">Broom Factory</a>	84 Foucart Street	Rozelle	Leichhardt	LGOV
<a href="#">Italianate Villa</a>	134 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Flats</a>	75 Smith Street	Balmain	Leichhardt	LGOV
<a href="#">Terraces</a>	5-19 Mackenzie Street	Rozelle	Leichhardt	LGOV
<a href="#">House</a>	206 Evans Street	Rozelle	Leichhardt	LGOV
<a href="#">Dwellings</a>	3-33 Adolphus Street	Balmain	Leichhardt	LGOV
<a href="#">Semi-detached houses</a>	8-10 Duke Place	Balmain	Leichhardt	LGOV
<a href="#">Group of houses</a>	8 - 16 Catherine Street	Leichhardt	Leichhardt	LGOV
<a href="#">Terraces</a>	8-10 Jane Street	Balmain	Leichhardt	LGOV
<a href="#">Corner shop and Terraces</a>	76-80 Mansfield Street	Rozelle	Leichhardt	LGOV
<a href="#">Residence</a>	12 Waterview Street	Balmain	Leichhardt	LGOV
<a href="#">Normanton and Maybank</a>	21, 23 Wharf Road	Balmain	Leichhardt	LGOV
<a href="#">Civic Buildings</a>	8 Montague Street	Balmain	Leichhardt	LGOV
<a href="#">Norton Hotel</a>	393 Parramatta Road	Leichhardt	Leichhardt	LGOV
<a href="#">Corner shop and residence</a>	43 Marlborough Street	Leichhardt	Leichhardt	LGOV
<a href="#">Presbyterian Church</a>	9 - 11 Campbell Street	Balmain	Leichhardt	LGOV
<a href="#">Allen Truss Bridge</a>	Bicentennial Park	Rozelle	Leichhardt	LGOV
<a href="#">Unilever Oil Mill group of buildings</a>	5 - 7 Roseberry Place	Balmain	Leichhardt	LGOV
<a href="#">Yurulbin Park</a>	Louisa Road	Balmain	Leichhardt	LGOV
<a href="#">Residence</a>	31 Wharf Road	Balmain	Leichhardt	LGOV
<a href="#">Substation</a>	182 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Avenue of Figs</a>	Bicentennial Park	Rozelle Bay	Leichhardt	LGOV

<a href="#">Street Tree - Moreton Bay Fig</a>	Derbyshire Road	Leichhardt	Leichhardt	LGOV
<a href="#">House</a>	4 Gilchrist Place	Balmain	Leichhardt	LGOV
<a href="#">Shop (former)</a>	21 Mackenzie Street	Rozelle	Leichhardt	LGOV
<a href="#">Goodman's Buildings</a>	105-119 Parramatta Road	Annandale	Leichhardt	LGOV
<a href="#">Shop and Residence (former)</a>	45 Rowntree Street	Balmain	Leichhardt	LGOV
<a href="#">Rock Carvings</a>	Rozelle Hospital	Rozelle	Leichhardt	LGOV
<a href="#">Glebe Courthouse</a>	St Johns Road and Talfourd Street, Corner Of	Glebe	Leichhardt	SGOV
<a href="#">Electricity Substation No. 122</a>	12 Collins Street	Annandale	Leichhardt	SGOV
<a href="#">Electricity Substation No. 1477</a>	6A William Street	Leichhardt	Leichhardt	SGOV
<a href="#">Electricity Substation No. 1435</a>	26 Burt Street	Rozelle	Leichhardt	SGOV
<a href="#">Electricity Substation No. 15</a>	182 Johnston Street	Annandale	Leichhardt	SGOV
<a href="#">Electricity Substation No. 1520</a>	9 Tebbut Street	Leichhardt	Leichhardt	SGOV
<a href="#">Morts Bay Park</a>	McKell Street	Birchgrove	Leichhardt	SGOV
<a href="#">Industrial Therapy Unit</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Ward 14X</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Callan Park House</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Bonny View</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Tree Tops</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Hospital Grounds and Gardens</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Rock Carving by Patients</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Small Gate House</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Nurses Home</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Boundary wall on Balmain Road</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Boundary plantation on Manning Street</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Avenue to original carriage drive</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Individual trees and shrubs</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Palm Row</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Tree Rows on Park Drive</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Store</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Store</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Neurophysiological Laboratory</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Cricket Ground</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Tree Group on knoll area</a>	Balmain Road	Rozelle	Leichhardt	SGOV

<a href="#">Tree Group South of Kirkbride Block</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Individual Eucalyptus</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Central Avenue</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Remnants of roads and edges</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Remnants of Roads and edges</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Wards 12 &amp; 13</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Cottage, part ward 15</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Ward F</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Indigenous vegetation</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Aboriginal Middens</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Lawn Terrace</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Rehabilitation Unit</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Ward B</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Reclaimed land</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Road pattern</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Norfolk Island Hibiscus</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Repatriation</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Terrace Garden</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Marble urns</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Plane Trees Rows</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Domestic Services, Chaplains, Nurses Home, Outdoor Supervisor</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Medical records</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Summer House</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Broughton Hall Estate Gardens</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Stoned lined creek</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Circular Stone Pond</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Tree Rows and land</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Residential Garden</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Formal stair, wall and garden</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Formal Pond</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Formal Geometric Gardens</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Formal curvilinear garden</a>	Balmain Road	Rozelle	Leichhardt	SGOV



<a href="#">Ward 26 &amp; 27</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Annandale Police Station</a>	136-138 Annandale Street (Cnr Collins Street)	Annandale	Leichhardt	SGOV
<a href="#">Glebe Police Station</a>	1-3 Talfourd Street Cnr St John's Road	Glebe	Leichhardt	SGOV
<a href="#">Glebe Island Bridge</a>	Victoria Road	Johnstons Bay	Leichhardt	SGOV
<a href="#">Glebe Island World War II Monument</a>		Glebe Island	Leichhardt	SGOV
<a href="#">Glebe Island Sandstone Quarry Sample</a>		Glebe Island	Leichhardt	SGOV
<a href="#">SPS - 7 Sewage Pumping Station No 7</a>	Roberts St	Rozelle	Leichhardt	SGOV
<a href="#">Hawthorne Canal Stormwater Channel (&amp; Leichhardt Branch)</a>	Hawthorne Parade, Haberfield to Canterbury Road	Leichhardt	Ashfield	SGOV
<a href="#">Hawthorne Canal Stormwater Channel (&amp; Leichhardt Branch)</a>	Hawthorne Parade, Haberfield to Canterbury Road	Leichhardt	Leichhardt	SGOV
<a href="#">Sewer Vent</a>	Quirk Street	Rozelle	Leichhardt	SGOV
<a href="#">Johnstons Creek Stormwater Channel No 55</a>	The Crescent	Annandale	Sydney	SGOV
<a href="#">Johnstons Creek Stormwater Channel No 55</a>	The Crescent	Annandale	Leichhardt	SGOV
<a href="#">Balmain Water Pumping Station (former)</a>	Booth Street	Balmain	Leichhardt	SGOV
<a href="#">Johnstons Creek Sewage Aqueduct</a>	Hogan Park, Off Nelson Street	Annandale	Leichhardt	SGOV
<a href="#">Sewage Pumping Station No 6 (SP0006)</a>	Lilyfield Road	Rozelle	Leichhardt	SGOV
<a href="#">Sewage Pumping Station No 10 (SP0010)</a>	Mort Street	Balmain	Leichhardt	SGOV
<a href="#">Sewage Pumping Station No 27 (SP0027)</a>	Callan Park	Rozelle	Leichhardt	SGOV
<a href="#">Balmain Fire Station</a>	391 Darling Street	Balmain	Leichhardt	SGOV
<a href="#">Leichhardt Fire Station</a>	Marion Street	Leichhardt	Leichhardt	SGOV
<a href="#">Glebe (Bellevue Street) Underbridge</a>	Bellevue Street	Glebe	Leichhardt	SGOV
<a href="#">Annandale (Railway Parade) Railway Bridge</a>	Railway Location, Rozelle To Darling Harbour Goods Line 14.32 Kms	Annandale	Leichhardt	SGOV
<a href="#">Leichhardt (Marion St) Underbridge</a>	Railway location, Dulwich Hill to Rozelle Goods Line 11.127km Marion Street	Leichhardt	Leichhardt	SGOV
<a href="#">Glebe Island Wheat Silos</a>	Victoria Road	Rozelle	Leichhardt	GAZ
<a href="#">Cadden Le Messurier</a>	84 Lilyfield Road	Rozelle	Leichhardt	GAZ
<a href="#">Stormwater Canal</a>	Lilyfield Road	Rozelle	Leichhardt	GAZ
<a href="#">Arched Bridge</a>	Whites Creek	Annandale	Leichhardt	GAZ
<a href="#">Wentworth Park Rail Viaduct</a>	Wentworth Park	Pymont	Leichhardt	GAZ
<a href="#">NCA Steward's Building, Wentworth Park</a>	Wentworth Park	Pymont	Leichhardt	GAZ
<a href="#">NCA Entry Tower, Wentworth Park</a>	Wentworth Park	Pymont	Leichhardt	GAZ
<a href="#">Town Hall</a>	370 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Manor House Restaurant, The</a>	393 Darling Street	Balmain	Leichhardt	LGOV

<a href="#">Post Box</a>	Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Curved stone street curb</a>	Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Rozelle Public School</a>	Darling Street	Rozelle	Leichhardt	LGOV
<a href="#">St. Thomas Church Group</a>	Darling Street	Rozelle	Leichhardt	LGOV
<a href="#">Fire Brigade / Ambulance Training Centre</a>	749 Darling Street	Rozelle	Leichhardt	LGOV
<a href="#">Houses (two)</a>	20-22 Datchett Street	Balmain	Leichhardt	LGOV
<a href="#">Corner store</a>	67-69 Denison Street	Rozelle	Leichhardt	LGOV
<a href="#">SRA Tramshed</a>	25 Derbyshire Road	Leichhardt	Leichhardt	LGOV
<a href="#">Harold Place</a>	1-3 Duke Street	Balmain	Leichhardt	LGOV
<a href="#">Clarenook</a>	33 Duke Street	Balmain	Leichhardt	LGOV
<a href="#">Linford Lodge</a>	2 Duke Place	Balmain	Leichhardt	LGOV
<a href="#">Balmain Public School</a>	Eaton Street	Balmain	Leichhardt	LGOV
<a href="#">Victorian Sandstone Terrace</a>	3 Jane Street	Balmain	Leichhardt	LGOV
<a href="#">Street Tree - Ficus macrophylla</a>	Elliott Street	Balmain	Leichhardt	LGOV
<a href="#">Corner shop</a>	15 Elswick Street	Leichhardt	Leichhardt	LGOV
<a href="#">Congregational Church and Hall</a>	Allen Street	Leichhardt	Leichhardt	LGOV
<a href="#">Shop and Residence</a>	42 Emma Street	Leichhardt	Leichhardt	LGOV
<a href="#">Corner Building</a>	8 and 10 Evans Street	Balmain	Leichhardt	LGOV
<a href="#">Stone Buildings</a>	75-79 Evans Street	Rozelle	Leichhardt	LGOV
<a href="#">Two brick houses</a>	101-103 Evans Street	Rozelle	Leichhardt	LGOV
<a href="#">Shannon Grove</a>	10 Ewenton Street	Balmain	Leichhardt	LGOV
<a href="#">Row of houses</a>	57–71 Ferris Street	Annandale	Leichhardt	LGOV
<a href="#">Corner shop</a>	212 Flood Street	Leichhardt	Leichhardt	LGOV
<a href="#">Timber Cottage</a>	8 Fred Street	Rozelle	Leichhardt	LGOV
<a href="#">Retaining wall, steps and fence</a>	Gallimore Avenue	Balmain East	Leichhardt	LGOV
<a href="#">Semi-detached Cottages - Two</a>	2-4 Gladstone Street	Balmain	Leichhardt	LGOV
<a href="#">Street Trees - Fig Trees (4)</a>	Mary Street	Leichhardt	Leichhardt	LGOV
<a href="#">Hampton Villa</a>	12 B Grafton Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	22 Grove Street	Balmain	Leichhardt	LGOV
<a href="#">Birchgrove Park</a>	Grove Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	90 Hill Street	Leichhardt	Leichhardt	LGOV
<a href="#">Street Trees</a>	Hosking Avenue	Balmain East	Leichhardt	LGOV
<a href="#">Street Trees - Row of Brush Box</a>	Hyam Street	Balmain	Leichhardt	LGOV

<a href="#">Two adjacent stone houses</a>	134-136 James Street	Leichhardt	Leichhardt	LGOV
<a href="#">House</a>	1 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Gates of Annandale House</a>	25 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Norton House</a>	33 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">House</a>	36 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Wallscourt</a>	46 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Annandale Uniting Church and Victory Hall</a>	81a Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Hunter-Baillie Memorial Church</a>	Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Colonade, The</a>	99-103 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">North Annandale Public School</a>	198-212 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Highroyd</a>	262 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Ratho</a>	266 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Abbey, The</a>	272 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Onkaparinga</a>	12 Johnston Street	Balmain East	Leichhardt	LGOV
<a href="#">Canterbury Cottage</a>	19 Johnston Street	Balmain East	Leichhardt	LGOV
<a href="#">Fernleigh</a>	45 Leichhardt Street	Leichhardt	Leichhardt	LGOV
<a href="#">Easton Park</a>	Lilyfield Road	Leichhardt	Leichhardt	LGOV
<a href="#">Houses - streetscape group</a>	59-71,77,79 Upward Street	Leichhardt	Leichhardt	LGOV
<a href="#">Logan-Brae</a>	24 Louisa Road	Balmain	Leichhardt	LGOV
<a href="#">Douglas</a>	76 Louisa Road	Balmain	Leichhardt	LGOV
<a href="#">Carlowie</a>	115 Louisa Road	Balmain	Leichhardt	LGOV
<a href="#">Rowntree Memorial</a>	MacQuarie Terrace	Balmain	Leichhardt	LGOV
<a href="#">Bald Rock Hotel</a>	17 Mansfield Street	Rozelle	Leichhardt	LGOV
<a href="#">Leichhardt Public School</a>	Marion Street	Leichhardt	Leichhardt	LGOV
<a href="#">Presbyterian Church (former)</a>	119 Renwick Streets	Leichhardt	Leichhardt	LGOV
<a href="#">Semi-detached houses</a>	82-84 Marion Street	Leichhardt	Leichhardt	LGOV
<a href="#">All Souls Church and Rectory</a>	126 Norton Street	Leichhardt	Leichhardt	LGOV
<a href="#">Central Methodist Mission</a>	19 Montague Street	Balmain	Leichhardt	LGOV
<a href="#">Shop and Residence</a>	75A-77 Moore Street	Leichhardt	Leichhardt	LGOV
<a href="#">Star Hotel (former)</a>	91-97 Mort Street	Balmain	Leichhardt	LGOV
<a href="#">Araluen later Dellwood</a>	14 Nicholson Street	Balmain East	Leichhardt	LGOV
<a href="#">Townhouses</a>	19 Nicholson Street	Balmain East	Leichhardt	LGOV

<a href="#">Waterview Workshops</a>	37 Nicholson Street	Balmain East	Leichhardt	LGOV
<a href="#">Town Hall</a>	Norton Street	Leichhardt	Leichhardt	LGOV
<a href="#">Royal Hotel</a>	156 Norton Street	Leichhardt	Leichhardt	LGOV
<a href="#">Terrace house row</a>	94-110 Palmer Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	3 Paul Street	Balmain	Leichhardt	LGOV
<a href="#">Grace Brothers</a>	213 Broadway Street	Broadway	Leichhardt	LGOV
<a href="#">Bald Faced Stag Hotel</a>	345 Parramatta Road	Leichhardt	Leichhardt	LGOV
<a href="#">Iloura Reserve</a>	Peacock Point	Balmain	Leichhardt	LGOV
<a href="#">House</a>	47 Perry Street	Lilyfield	Leichhardt	LGOV
<a href="#">Hinsby Reserve and War Memorial</a>	Piper Street	Annandale	Leichhardt	LGOV
<a href="#">Three Terrace houses</a>	5-9 Queens Place	Balmain	Leichhardt	LGOV
<a href="#">House - large</a>	15 Quirk Street	Rozelle	Leichhardt	LGOV
<a href="#">Avenue of Phoenix Canariensis</a>	Railway Parade	Annandale	Leichhardt	LGOV
<a href="#">Semi-detached Cottages</a>	1-7 Reynolds Avenue	Balmain	Leichhardt	LGOV
<a href="#">Street Trees - Row of Brush Box</a>	Reynolds Street	Balmain	Leichhardt	LGOV
<a href="#">Neighbourhood Shops</a>	127-135 Rowntree Street	Balmain	Leichhardt	LGOV
<a href="#">Corner shop</a>	165 Rowntree Street	Birchgrove	Leichhardt	LGOV
<a href="#">Rivendell</a>	Rozelle Hospital	Leichhardt	Leichhardt	LGOV
<a href="#">Kirkbride Block, The</a>	Rozelle Hospital	Rozelle	Leichhardt	LGOV
<a href="#">Bonny View</a>	Rozelle Hospital	Rozelle	Leichhardt	LGOV
<a href="#">Moodie Street Cottage</a>	Rozelle Hospital, Moodie Street	Rozelle	Leichhardt	LGOV
<a href="#">Recreation/Activities Building 92A- Rozelle Hospital</a>	Rozelle Hospital	Rozelle	Leichhardt	LGOV
<a href="#">Hospital Grounds</a>	Rozelle Hospital	Rozelle	Leichhardt	LGOV
<a href="#">Kaikoura</a>	2 School Street	Balmain East	Leichhardt	LGOV
<a href="#">Simmons Point Reserve</a>	Simmons Street	Balmain East	Leichhardt	LGOV
<a href="#">Wood-Lee Villa</a>	7 Stack Street	Balmain	Leichhardt	LGOV
<a href="#">Monsanto Chemical Works</a>	35 Terry Street	Rozelle	Leichhardt	LGOV
<a href="#">Christian Bros High School</a>	4 Thames Street	Balmain	Leichhardt	LGOV
<a href="#">Montrose</a>	13 Thames Street	Balmain	Leichhardt	LGOV
<a href="#">Kegworth Primary School</a>	Tebbutt Street	Leichhardt	Leichhardt	LGOV
<a href="#">House</a>	3 The Avenue	Annandale	Leichhardt	LGOV
<a href="#">Edwinville</a>	39-41 Trafalgar Street	Annandale	Leichhardt	LGOV
<a href="#">House</a>	49 Trafalgar Street	Annandale	Leichhardt	LGOV

<a href="#">House</a>	245 Trafalgar Street	Annandale	Leichhardt	LGOV
<a href="#">Terrace Houses (4)</a>	1-7 Trouton Street	Balmain	Leichhardt	LGOV
<a href="#">Stepped Walkway</a>	Union Street	Balmain	Leichhardt	LGOV
<a href="#">Streetscape Group</a>	Lords Road	Leichhardt	Leichhardt	LGOV
<a href="#">Grange, The</a>	7 Vincent Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	1 Wallace Street	Balmain East	Leichhardt	LGOV
<a href="#">Clontarf</a>	4 Wallace Street	Balmain East	Leichhardt	LGOV
<a href="#">Balmoral House</a>	46 Waterview Street	Balmain	Leichhardt	LGOV
<a href="#">Regimbah</a>	49 Waterview Street	Balmain	Leichhardt	LGOV
<a href="#">Fenwick and Co Boatshed</a>	2-8 Weston Street	Balmain East	Leichhardt	LGOV
<a href="#">Pair of attached houses</a>	23-25 Wetherill Street	Leichhardt	Leichhardt	LGOV
<a href="#">House</a>	13, 13a Wharf Road	Balmain	Leichhardt	LGOV
<a href="#">Exeter Villas</a>	34-36 Wharf Road	Balmain	Leichhardt	LGOV
<a href="#">Ravenscourt</a>	39 Wharf Road	Balmain	Leichhardt	LGOV
<a href="#">Bishopsthorpe</a>	8 White Street	Balmain	Leichhardt	LGOV
<a href="#">Terrace Houses</a>	4-6 William Street	Balmain East	Leichhardt	LGOV
<a href="#">Semi-detached houses</a>	100-102 William Street	Leichhardt	Leichhardt	LGOV
<a href="#">Boatshed</a>	7 A Wharf Road	Birchgrove	Leichhardt	LGOV
<a href="#">Tramway Workshop (former)</a>	10 Hancock Street	Rozelle	Leichhardt	LGOV
<a href="#">Middens, rock shelters, occupation sites</a>	Rozelle Hospital	Callan Point	Leichhardt	LGOV
<a href="#">Semi-detached houses</a>	25-31 William Street	Balmain	Leichhardt	LGOV
<a href="#">Semi-detached houses</a>	6 and 8 Broderick Street	Balmain	Leichhardt	LGOV
<a href="#">Terraces</a>	44-54 Glassop Street	Balmain	Leichhardt	LGOV
<a href="#">Glentwood</a>	86 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	6 Glassop Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	235 Rowntree Street	Balmain	Leichhardt	LGOV
<a href="#">Shop (former) and residence with original signs</a>	113 Curtis Road	Balmain	Leichhardt	LGOV
<a href="#">Sandstone Gabled Church</a>	608 Darling Street	Rozelle	Leichhardt	LGOV
<a href="#">Tower of London Hotel (former)</a>	76 Victoria Road	Rozelle	Leichhardt	LGOV
<a href="#">Mechanics Institute</a>	114 Victoria Road	Rozelle	Leichhardt	LGOV
<a href="#">Italianate Villa</a>	132 Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Houses</a>	233 and 235 Trafalgar Street	Annandale	Leichhardt	LGOV
<a href="#">Terrace</a>	31-41 Smith Street	Balmain	Leichhardt	LGOV

<a href="#">School</a>	44 Smith Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	31-33 Stephen Street	Balmain	Leichhardt	LGOV
<a href="#">Dawn Fraser Swimming Pool</a>	Glassop Street	Balmain	Leichhardt	LGOV
<a href="#">St Augustine's Presbytery</a>	14-16 Jane Street	Balmain	Leichhardt	LGOV
<a href="#">House</a>	757 Darling Street	Rozelle	Leichhardt	LGOV
<a href="#">Victorian Sandstone Terraces</a>	2-6 Jane Street	Balmain	Leichhardt	LGOV
<a href="#">Victorian Gothic Convent Building</a>	12 Jane Street	Balmain	Leichhardt	LGOV
<a href="#">Hall</a>	36 Mort Street	Balmain	Leichhardt	LGOV
<a href="#">Residence</a>	7 Wharf Road	Balmain	Leichhardt	LGOV
<a href="#">Civic Buildings</a>	6 Montague Street	Balmain	Leichhardt	LGOV
<a href="#">Lodge Hall</a>	27a Llewellyn Street	Balmain	Leichhardt	LGOV
<a href="#">Semi-detached Cottages</a>	2-8 Rose Street	Birchgrove	Leichhardt	LGOV
<a href="#">MSW &amp; DB Aqueduct</a>	Piper Street	Annandale	Leichhardt	LGOV
<a href="#">Watch House</a>	179 Darling Street	Balmain	Leichhardt	LGOV
<a href="#">Houses</a>	24 and 24a Pearson Street	Balmain	Leichhardt	LGOV
<a href="#">Unilever Administration Building</a>	100 - 104 Reynolds Street	Balmain	Leichhardt	LGOV
<a href="#">House and Stannard's Marina</a>	19 Wharf Road	Balmain	Leichhardt	LGOV
<a href="#">Substation</a>	33 Annandale Street	Annandale	Leichhardt	LGOV
<a href="#">Street Trees - Avenue of Brush Box and one Brachychiton</a>	Rayner Street	Annandale	Leichhardt	LGOV
<a href="#">Ewenton House including gatepost and fig trees</a>	1 Blake Street	Balmain	Leichhardt	LGOV
<a href="#">Street Trees - Avenue of Brush Box and Brachychiton</a>	Eric Street	Lilyfield	Leichhardt	LGOV
<a href="#">St. Brendans Church</a>	Johnston Street	Annandale	Leichhardt	LGOV
<a href="#">Middens, Rock Shelters</a>	7-9 Numa Street	Birchgrove	Leichhardt	LGOV
<a href="#">Albert Palais - dance hall</a>	289 Parramatta Road	Leichhardt	Leichhardt	LGOV
<a href="#">Indigenous Vegetation</a>	Rozelle Hospital	Rozelle	Leichhardt	LGOV
<a href="#">Garryowen House</a>	Rozelle Hospital	Rozelle	Leichhardt	SGOV
<a href="#">Balmain Courthouse and Post Office</a>	368 Darling Street	Balmain	Leichhardt	SGOV
<a href="#">Electricity Substation No. 1464</a>	46 Fitzroy Avenue	Balmain	Leichhardt	SGOV
<a href="#">Electricity Substation No. 1500</a>	26 Percival Street	Lilyfield	Leichhardt	SGOV
<a href="#">Electricity Substation No. 1449</a>	7 Moore Lane	Rozelle	Leichhardt	SGOV
<a href="#">Electricity Substation No. 1506</a>	15 Reynolds Avenue	Balmain	Leichhardt	SGOV
<a href="#">Electricity Substation No. 1521</a>	131 Victoria Road	Rozelle	Leichhardt	SGOV

<a href="#">Kirkbride Block</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Ward 14 &amp; 15</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">The Lodge</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Moodie Street Residence</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Broughton Hall</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Recreation/Activities Building 92A</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Main Gates</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Main Building</a>	BOOTH, SORRIE, LIT. STEPHEN and PALMER Streets	Balmain	Leichhardt	SGOV
<a href="#">War Memorial</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Boundary wall on Manning Street</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Sunken Garden</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Boundary plantation on Balmain Road</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Tree groups</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Informal tree grouping</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Formal Gardens</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Plumbers</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Carpenters and painters</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Staff Amenities Block</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Bomb shelters</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Camphor Laurel Row &amp; Embankment</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Tree Group of Bldg 94</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Olive Tree Rows and individuals</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Garry Owne paths and embankment</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Individual palms</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Individual trees and gardens</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Carved pedestal</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Occupational Therapy Unit</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Individual photinia's in lawn</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Natural shoreline</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Sea wall and boat wharf</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Sewer outlet</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Ward C</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Wards E &amp; D and store</a>	Balmain Road	Rozelle	Leichhardt	SGOV

<a href="#">Seawall and canal</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Natural landform</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Mixed tree group</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">War memorial - Grid G5</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Engineer's Cottage</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Original trees</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Moreton Bay Fig Row</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Health Surveyors</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Ward 24</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Ward 25</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Deputy Superintendent's Residence</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Trees from original Estate Gardens</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Gate post capital</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Bridges, paths and paved area in gully</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Tree Groups and Rows</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Lilly Pilly row</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Chapel</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Formal Walk</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Naturalistic Garden</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Clinic</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Gardener's and Carpenter's store</a>	Balmain Road	Rozelle	Leichhardt	SGOV
<a href="#">Balmain Police Station</a>	368 Darling Street	Balmain	Leichhardt	SGOV
<a href="#">Leichhardt Police Station</a>	30 Marlborough Street	Leichhardt	Leichhardt	SGOV
<a href="#">White Bay Power Station Complex</a>	Robert Street	Rozelle	Leichhardt	SGOV
<a href="#">Glebe Island Plaque - Opening of Container Terminal</a>		Glebe Island	Leichhardt	SGOV
<a href="#">Glebe Island Silos</a>	Victoria Road	Glebe Island	Leichhardt	SGOV
<a href="#">White Bay Power Station Canal</a>	Victoria Rd	Leichhardt NSW	Leichhardt	SGOV
<a href="#">Beattie St Stormwater Channel No 15</a>	Robert St. to Beattie Street	Rozelle / Balmain	Leichhardt	SGOV
<a href="#">Whites Creek Stormwater Channel No 95</a>	Railway Parade to Parramatta Road	Annandale	Leichhardt	SGOV
<a href="#">Blackwattle Bay Stormwater Channel No 17</a>	Pymont Bridge Road	Pymont / Glebe	Sydney	SGOV
<a href="#">Blackwattle Bay Stormwater Channel No 17</a>	Pymont Bridge Road	Pymont / Glebe	Leichhardt	SGOV
<a href="#">Whites Creek Sewage Aqueduct</a>	Piper Street	Leichhardt	Leichhardt	SGOV



<a href="#">Sewage Pumping Station No 5 (SP0005)</a>	Hutchinson Street	Annandale	Leichhardt	SGOV
<a href="#">Sewage Pumping Station No 7 (SP0007)</a>	Roberts Street	Rozelle	Leichhardt	SGOV
<a href="#">Sewage Pumping Station No 11 (SP0011)</a>	Grove Street	Birchgrove	Leichhardt	SGOV
<a href="#">Balmain Reservoir (Covered) (WS 0006)</a>	Gladstone Park, Booth Street	Balmain	Leichhardt	SGOV
<a href="#">Glebe Fire Station</a>	75 St Johns Road	Glebe	Leichhardt	SGOV
<a href="#">Lilyfield (Catherine St) Overbridge</a>	Catherine Street	Lilyfield	Leichhardt	SGOV
<a href="#">Annandale (Johnston Street) Underbridge</a>	Johnston Street and The Crescent	Annandale	Leichhardt	SGOV
<a href="#">Leichhardt (Charles St) Underbridge</a>	Railway location, Dulwich Hill to Rozelle Goods Line 12.405km Charles Street	Leichhardt	Leichhardt	SGOV
<a href="#">Wharf &amp; Crane at Berths 4 to 10 Depot</a>	Rozelle Bay		Leichhardt	SGOV
<a href="#">Hotel, Former</a>	78 Lilyfield Road	Rozelle	Leichhardt	GAZ
<a href="#">Sewerage Pumping Station</a>	Robert Street	Rozelle	Leichhardt	GAZ
<a href="#">Railway Bridge</a>	Railway Parade	Annandale	Leichhardt	GAZ
<a href="#">Railway Truss Bridge</a>	Johnston Street	Annandale	Leichhardt	GAZ
<a href="#">Catherine Street Railway Bridge</a>	Catherine Street	Lilyfield	Leichhardt	GAZ
<a href="#">Store Building, Wentworth Park</a>	Wentworth Park	Pymont	Leichhardt	GAZ
<a href="#">Wentworth Park</a>	Wentworth Park	Pymont	Leichhardt	GAZ

There was a total of 646 records matching your search criteria.

**Key:**

LGA = Local Government Area

GAZ= NSW Government Gazette (statutory listings prior to 1997), HGA = Heritage Grant Application, HS = Heritage Study, LGOV = Local Government, SGOV = State Government Agency.

Note: The Heritage Branch seeks to keep the State Heritage Inventory (SHI) up to date, however the latest listings in Local and Regional Environmental Plans (LEPs and REPs) may not yet be included. Always check with the relevant local council or shire for the most recent listings.

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## Glebe Island Plaque - Opening of Container Terminal

### Item details

**Name of item:** Glebe Island Plaque - Opening of Container Terminal  
**Type of item:** Movable / Collection  
**Group/Collection:** Monuments and Memorials  
**Category:** Other - Monuments & Memorials  
**Primary address:** , Glebe Island, NSW 2039  
**Local govt. area:** Leichhardt

### All addresses

Street Address	Suburb/town	LGA	Parish	County	Type
	Glebe Island	Leichhardt			Primary Address

### Owner/s

Organisation Name	Owner Category	Date Ownership Updated
Sydney Ports Corporation	State Government	

### Statement of significance:

The plaque is of local historical significance as it commemorates the opening of the Container Terminal at Glebe Island. The Container Terminal was an important innovation in the operation of the Port and was a direct response to changes in international shipping.

**Date significance updated:** 10 Oct 06

*Note: There are incomplete details for a number of items listed in NSW. The Heritage Branch intends to develop or upgrade statements of significance and other information for these items as resources become available.*

### Description

**Physical description:** Sandstone block with brass plaque set in. The inscription reads:  
 The Maritime Services Board of NSW Glebe Island Container Terminal.  
 This plaque commemorates the opening of The Glebe Island Container Berths  
 and associated Facilities on 22nd February 1973 by:  
 The Hon.Sir Robert Askin K.C.M.G. M.L.A. Premier and Treasurer of New South Wales.  
 W H Brotherson President  
 J M Wallace Engineer-in-Chief  
**Date condition updated:** 29 Jun 04

**Modifications and dates:** 2004- moved to allow remodelling of Glebe Island facilities. The plaque was moved to an area which is accessible and will be interpreted as part of the remodelling project.

### History

**Historical notes:** In 1973 the Sydney Container Terminal was officially opened by Premier Askin when he unveiled a plaque at the site. The terminal design was a direct response to changes in shipping transport. By 1960 seaborne trade had doubled from that in the 1930's and 1940's. The ports under Maritime Services Board administration handled record tonnages. Ship design was improved to cope with the growth in sea trade and they increased in size allowing for increases in bulk cargoes. Improvements included containerisation, roll-on, roll-off vessels, side loading ships and special purpose carriers. These innovations required changes to Port facilities to facilitate the handling of containers and other bulk cargo. The construction work for the new container terminal once again dramatically altered the face of the island. During further remodelling and development at the Port in 2004 the Plaque was moved to a more prominent site and interpretation was provided.

### Historic themes

Australian theme (abbrev)	New South Wales theme	Local theme
3. Economy-Developing local, regional and national economies	Transport-Activities associated with the moving of people and goods from one place to another, and systems for the provision of such movements	(none)-

9. Phases of Life-Marking the phases of life	Events-Activities and processes that mark the consequences of natural and cultural occurrences	(none)-
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### Assessment of significance

#### SHR Criteria a)

[Historical significance]

The plaque itself is of local historical significance as it commemorates the opening of the Container Terminal at Glebe Island. The Container Terminal was an important innovation in the operation of the port and was a direct response to changes in international shipping.

#### SHR Criteria c)

[Aesthetic significance]

As an active port that is constantly evolving to meet current commercial needs there is little remaining fabric relating to the container terminal.

#### Assessment criteria:

Items are assessed against the  [State Heritage Register \(SHR\) Criteria](#) to determine the level of significance. Refer to the Listings below for the level of statutory protection.

### Listings

Heritage Listing	Listing Title	Listing Number	Gazette Date	Gazette Number	Gazette Page
Heritage Act - s.170 NSW State agency heritage register	Sydney Ports Corporation	4560013	01 Jul 04		

### Study details

Title	Year	Number	Author	Inspected by	Guidelines used
Sydney Ports Corporation Heritage and Conservation Register	2004		Susan McIntyre-Tamwoy Heritage Consultants		Yes
Heritage Impact Assessment. App 5 to REF Roadworks Glebe Island Rozelle	2002		Mayne -Wilson and Associates		No

### References, internet links & images

Type	Author	Year	Title	Internet Links
Photograph	anon	1973	Opening ceremony Glebe Island Container Terminal	
Photograph	anon	1971	Construction of the Container terminal	
Written	Susan McIntyre Tamwoy	2004	Glebe Island Interpretation Project Collation for information of Sydney Ports	

Note: internet links may be to web pages, documents or images.



(Click on thumbnail for full size image and image details)

### Data source

The information for this entry comes from the following source:

**Name:** State Government

**Database number:** 4560013

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## Place Details

[Send Feedback](#)

### Glebe Island Dyke Exposures, Victoria Rd, Rozelle, NSW, Australia

<b>Photographs</b>	None
<b>List</b>	Register of the National Estate (Non-statutory archive)
<b>Class</b>	Natural
<b>Legal Status</b>	<a href="#">Indicative Place</a>
<b>Place ID</b>	101882
<b>Place File No</b>	1/12/022/0096

#### Nominator's Statement of Significance

The Great Sydney Dyke, although extensive with a length exceeding 10km, has only been sampled in the subsurface as part of geotechnical investigations for engineering projects. The exposures at Glebe Island provide a rare opportunity to examine the dyke at surface.

#### Official Values Not Available

##### Description

The Great Sydney Dyke has been traced discontinuously across the suburbs from the coast to Rozelle. The only exposure of the dyke not covered by urbanisation is at Glebe Island. Here it is visible on both sides of Victoria Road. The southern exposure has largely been weathered to a clay slope.

The best exposure is on the northern side of the road at AMG 31575085; the exposure here is about 7m high.

The dyke in the railway cutting is 5.1 to 5.95m wide, is essentially vertical and has a strike of between 115 degrees (True) to 120 degrees (True). The dyke appears to be formed by three different stages.

The dyke is also visible in a 2m high cutting just north of the above exposure, AMG 9130-31535087.

The exposures provide excellent examples of differential weathering that has taken place within the outer bounding surfaces and internal sections of the dyke. The lithological spectrum of weathering varies from silty clay to residual "corestones" of relatively fresh basalt.

#### History Not Available

#### Condition and Integrity

Exposed in road and railway cuttings some of which have weathered to a non-descript clayey slope.

#### Location

About 0.5ha, near Victoria Road on Glebe Island, Rozelle, at AMG points: 9130-31575085 and 31535087.

#### Bibliography Not Available

Report Produced Wed Sep 26 12:03:10 2012

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## Glebe Island Sandstone Quarry Sample

### Item details

**Name of item:** Glebe Island Sandstone Quarry Sample  
**Other name/s:** Saunders Quarry  
**Type of item:** Movable / Collection  
**Group/Collection:** Mining and Mineral Processing  
**Category:** Quarry  
**Primary address:** , Glebe Island, NSW 2039  
**Local govt. area:** Leichhardt

### All addresses

Street Address	Suburb/town	LGA	Parish	County	Type
	Glebe Island	Leichhardt			Primary Address

### Owner/s

Organisation Name	Owner Category	Date Ownership Updated
Sydney Ports Corporation	State Government	

### Statement of significance:

Of local significance in illustrating the range of early industries that once occupied Glebe Island especially the sandstone quarrying which was an important local industry in the area.

*Note: There are incomplete details for a number of items listed in NSW. The Heritage Branch intends to develop or upgrade statements of significance and other information for these items as resources become available.*

### Description

**Construction years:** 1857-1870

**Physical description:** Salvaged block of sandstone with the old pick marks on it, which was removed from a quarried rock face prior to roadworks in 2003-4.

**Date condition updated:** 01 Jul 04

**Modifications and dates:**

Quarrying commenced on Glebe Island in the mid to late 1850's.

1916 Saunder introduced modern technology including a special saw for cutting sandstone blocks.

Abrasion saws were required to remove the harder sandstone remaining.

2004 Placed in prominent area above Port at Glebe Island with interpretation.

### History

**Historical notes:**

Glebe Island originally consisted of a sandstone outcrop over 30 metres high linked by a narrow spit of land to the mainland on the Western side. Quarrying was one of the early industries on Glebe Island.

The first evidence occurs in the 1850's when local sandstone was used to build the State Abbatoirs. In the early years the softer accessible sandstone was able to be easily quarried with picks and hand tools. As the years progressed these deposits were exhausted and new technology was required to economically extract the stone.

The sample found in 2003 shows evidence of hand picks on its surface rather than the more modern techniques involving abrasion saws and blasting. The sample slaved therefore is more likely to date from the early quarries such as those used to quarry the blocks for the Abbatoirs.

### Historic themes

Australian theme (abbrev)	New South Wales theme	Local theme
3. Economy-Developing local, regional and national economies	Mining-Activities associated with the identification, extraction, processing and distribution of mineral ores, precious stones and other such inorganic substances.	(none)-

### Assessment of significance

**SHR Criteria a)**

[Historical significance]

Of local significance in illustrating the range of early industries that once occupied Glebe Island especially the sandstone quarrying which was an important local industry in the area.


Of some significance in interpreting the total modification of the natural topography of Glebe Island through quarrying and land reclamation.

**SHR Criteria b)**

[Associative significance]

Association with Charles Saunders and his son a successful and influential stone mason from the Pymont area.

**Assessment criteria:**

Items are assessed against the  [State Heritage Register \(SHR\) Criteria](#) to determine the level of significance. Refer to the Listings below for the level of statutory protection.

### Listings

Heritage Listing	Listing Title	Listing Number	Gazette Date	Gazette Number	Gazette Page
Heritage Act - s.170 NSW State agency heritage register	Sydney Ports Corporation	4560014	01 Jul 04		

### Study details

Title	Year	Number	Author	Inspected by	Guidelines used
Proposed Roadworks at Glebe Island: Archaeological Assessment	2002		Susan McIntyre-Tamwoy		Yes

### References, internet links & images

Type	Author	Year	Title	Internet Links
Management Plan	anon	1857	Glebe Island	
Photograph	Government Printers Office	1910	Saunders Quarry at Glebe Island	
Photograph	NSW Govt Printers Office	1870	The gates Abbatoirs Glebe Island	
Written	Susan McIntyre-Tamwoy	2004	Glebe Island Interpretation Project Collation of information for Sydney Ports	

Note: internet links may be to web pages, documents or images.



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## Glebe Island Silos

### Item details

**Name of item:** Glebe Island Silos  
**Other name/s:** Glebe Island Wheat Silos, Glebe Island Grain Silos  
**Type of item:** Built  
**Group/Collection:** Farming and Grazing  
**Category:** Agriculture  
**Primary address:** Victoria Road, Glebe Island, NSW 2040  
**Local govt. area:** Leichhardt

### All addresses

Street Address	Suburb/town	LGA	Parish	County	Type
Victoria Road	Glebe Island	Leichhardt			Primary Address

### Owner/s

Organisation Name	Owner Category	Date Ownership Updated
Sydney Ports Corporation	State Government	

### Statement of significance:

Glebe Island Grain Terminal is a seminal site in the development of the bulk wheat storage and export industry in Australia. As such it has a pre-eminent position in the historical development of one of Australia's most important primary industries. It was the first and most important of the port terminals and encompassed technologies that were specific to the industry and influential in the development of that industry throughout the country. The first construction phase is particularly noteworthy because of the circumstances of its wholly imported design and technological expertise. The carefully planned and integrated system, by the 1930's, was considered to be one of the largest, most efficient and well planned installations of its type. The fabric contained within the site, although compromised by alterations and missing elements is capable of demonstrating and recording the evolution of the industrial processes that evolved over several decades. The silos, in particular are the most visible and easily interpreted elements of that former use and form a powerful and well known landmark. The site also has significance for its associations with, and demonstration of, Commonwealth and State government initiatives (McPhee, Thorpe, Stuart 1994).

**Date significance updated:** 13 Jul 04

*Note: There are incomplete details for a number of items listed in NSW. The Heritage Branch intends to develop or upgrade statements of significance and other information for these items as resources become available.*

### Description

**Designer/Maker:** Metcalfe & Co Ltd (original bins)  
**Builder/Maker:** Mr Teasdale Smith  
**Construction years:** 1917-1975

**Physical description:** The original bins were large cylindrical bins capable of handling approx. 6.5 million bushels. The bottoms of the bins were shaped as cones which enabled wheat to be discharged via a valve to a chute which led directly via a conveyor belt for shipment. The original 143 bins were 31.2 feet in diameter 108 feet high and 8 inches thick.

The silo complex was extended over the years. In 1975 the then Governor of NSW, Sir Roden Cutler opened a \$4 million extension to the system. This included 30 cylindrical concrete silos 38.4 m high, each having a capacity of 2,400 tonnes. In addition there were 14 star shaped interspace bins each with a capacity of 550 tonnes. The extensions increased capacity by about 50% from 163 000 tonnes to 245 000 tonnes.

The 1975 silos are believed to be the ones retained following a heritage assessment in 1999 - 2000 when Sydney Ports was planning a reorganisation of the Port. Other silos were demolished to make way for Port development.

**Modifications and dates:** Ongoing development between 1917 and 1980 with major extension opened in 1975.  
Ceased operation as a grain store in 1984.  
Modified for cement storage 1994.  
Part demolished 2000.

**Former use:** Grain Silos

## History

### Historical notes:

In 1790 Reverend Richard Johnson was granted land including a 23 acre island on the Western edge of Sydney. The land remained undeveloped until the Government architect selected it as the site for the city Abbotoir in 1850. Massive earthworks transformed the topography, and the Abbotoir was built, opening in 1860. It operated until 1912 despite ongoing complaints about pollution.

Following the closure of the Abbotoir further reclamation was undertaken and wharves were built by the Railways Commissioners to facilitate wheat and coal handling. By 1916 the need to replace shipment of wheat in bags with bulk handling was urgent. A mouse plague and the necessity to hold large quantities of grain due to the threat to shipping during World War 1 led to construction of the principal storage facility at Glebe Island between 1917 and 1921.

Between 1921 and 1932 centralisation of wheat handling facilities was encouraged. Sixty three silos were built by 1925 and associated services including building stock, rail and road links and handling facilities all expanded. The depression slowed development although the number of country plants increased to 181 by 1939.

During World War II, Glebe Island was used as a major armament supply depot and troop embarkation area for the U S Army. By the 1950's horizontal silos were replacing vertical ones and the Grain Elevators Board was established. Record wheat harvests and the post war growth led to further expansion in the 1960's and in the 1970's other grains were also handled and capacity was doubled. However in 1984 Glebe Island ceased operation as a grain storage terminal when a new facility at Port Kembla became the major grain export site for NSW.

In 1994 part of the silo complex was modified for cement storage. The complex is also used for sugar storage.

A comprehensive development strategy outlined in the Glebe Island /White Bay Master Plan was adopted at the end of the 20th century. In 1999 - 2000 disused silos at Glebe Island were demolished as part of this strategy to make more productive use of the land. (Extensive testing had shown that the original block of silos was in poor condition and could not be renovated). More than half the 110,000 tonnes of concrete in the silos buildings was recycled for use as roadbase in the Port precinct. The rest was sold. The demolition freed approximately 3 hectares for Port use.

## Historic themes

Australian theme (abbrev)	New South Wales theme	Local theme
3. Economy-Developing local, regional and national economies	Agriculture-Activities relating to the cultivation and rearing of plant and animal species, usually for commercial purposes, can include aquaculture	(none)-
7. Governing-Governing	Government and Administration-Activities associated with the governance of local areas, regions, the State and the nation, and the administration of public programs - includes both principled and corrupt activities.	(none)-

## Assessment of significance

### SHR Criteria a)

[Historical significance]

The Glebe Island Grain Terminal has significant historical associations with the development of the grain (principally wheat) industry in NSW as well as the history of Commonwealth and State involvement in agriculture. The terminal's fabric can demonstrate important changes in the history of transportation and in technology as well demonstrating by its bulk and size, the size of the grain crop. (McPhee, Thorpe, Stuart 1994)

### SHR Criteria c)

[Aesthetic significance]

The Terminal was an important technical innovation in Australia being the first terminal constructed, also important as part of the first bulk handling system for grain built in Australia. As such the site is rare and retains enough integrity to demonstrate the industrial processes used in the running of the site. (McPhee, Thorpe, Stuart 1994)

### Assessment criteria:

Items are assessed against the [State Heritage Register \(SHR\) Criteria](#) to determine the level of significance. Refer to the Listings below for the level of statutory protection.

## Listings

Heritage Listing	Listing Title	Listing Number	Gazette Date	Gazette Number	Gazette Page
Heritage Act - s.170 NSW State agency heritage register	Sydney Ports Corporation	4560016			

## Study details

Title	Year	Number	Author	Inspected by	Guidelines used
The Glebe Island Grain Silos Archaeological and Heritage Study	1994		W McPhee, W Thorp, I Stuart		Yes
Sydney Ports Corporation Heritage and Conservation Register	2004		Susan McIntyre-Tamwoy Heritage Consultants		Yes



Heritage Impact Assessment. App 5 to REF Roadworks Glebe Island Rozelle	2002	Mayne -Wilson and Associates	No
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### References, internet links & images

Type	Author	Year	Title	Internet Links
Written		2000	Sydney Ports Corporation Annual Reports 2000, 2001	
Written		1975	Port of Sydney Journal May 1975 Vol 12 - 3	
Written	O'Brien, E.H	1975	Wheat Sales and Shipping:a brief description in Port of Sydney Vol 11-14	
Written	W H Brotherson	1971	The Development of the NSW Bulk Wheat Berths - Port of Sydney Journal Vol 10 No 3	

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## Glebe Island Wheat Silos

### Item details

**Name of item:** Glebe Island Wheat Silos  
**Primary address:** Victoria Road, Rozelle, NSW 2039  
**Local govt. area:** Leichhardt

### All addresses

Street Address	Suburb/town	LGA	Parish	County	Type
Victoria Road	Rozelle	Leichhardt			Primary Address

### Listings

Heritage Listing	Listing Title	Listing Number	Gazette Date	Gazette Number	Gazette Page
Regional Environmental Plan	City West REP No. 26 - Sch. 4	1	20 Oct 93		

### References, internet links & images

None

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## Glebe Island World War II Monument

### Item details

**Name of item:** Glebe Island World War II Monument  
**Type of item:** Built  
**Group/Collection:** Monuments and Memorials  
**Category:** War Memorial  
**Primary address:** , Glebe Island, NSW 2040  
**Local govt. area:** Leichhardt

### All addresses

Street Address	Suburb/town	LGA	Parish	County	Type
	Glebe Island	Leichhardt			Primary Address

### Owner/s

Organisation Name	Owner Category	Date Ownership Updated
Sydney Ports Corporation	State Government	

### Statement of significance:

The monument commemorating the first landing of the United States armed forces at Glebe Island and the subsequent role of the Port authorities in moving personnel and supplies as part of the War effort is of local significance. It is a physical reminder of a brief but important period in the history of Glebe Island. It provides a reminder of the role that the Port of Sydney and the NSW rail network played in the disembarkation and distribution of personnel and equipment during World War II (Susan McIntyre-Tamwoy 2003:6).

**Date significance updated:** 13 Jul 04

*Note: There are incomplete details for a number of items listed in NSW. The Heritage Branch intends to develop or upgrade statements of significance and other information for these items as resources become available.*

### Description

**Construction years:** 1946-1946

**Physical description:** A concrete block structure set on low steps with a brass plaque commemorating the first landing of US Armed Forces in March 1942 and a secondary plaque commemorating the unveiling of the Monument in November 1946.  
Main plaque reads:  
Commemorating the first landing of the U.S. Armed Forces  
at the Port of Sydney on 28th March 1942.  
During the Second World War 1,000,000 personnel and 5,000,000 tons of materials followed and were transported through the Port of Sydney and by The NSW Department of Railways.

**Physical condition and/or Archaeological potential:** Roy L.Schuyler Colonel Infantry U.S. Army Commanding.  
George H. Faulks Esq. President Maritime Services Board New South Wales.  
T. J. Hartican Esq. C.M. G. Commissioner Department of Railways New South Wales.  
Re-installed with interpretation in a prominent position above the Port as part of the restructuring of the Port in 2004.

**Modifications and dates:** **Date condition updated:** 12 Oct 06  
Pebblecrete covering the concrete possibly added in the early 1970's.  
2004 - Relocated towards the Anzac Bridge a more prominent site(still within Glebe Island) which allows public access.

**Current use:** Monument/ Interpretation

## History

### Historical notes:

The monument commemorates the first landing of US Armed Forces at the Port of Sydney on 28th March 1942 and the subsequent movement of one million personnel and five million tons of materials through the Port of Sydney and by the NSW Department of Railways during the war.

The monument was erected in 1946 and became the focus of annual wreath laying ceremonies for almost 40 years. Initially ceremonies were held around the 28th March which was the anniversary of the first landing; then on American Memorial Day - 30th May and from 1977, during Coral Sea Week which occurs in the first week in May. Ceremonies seemed to cease about 1984. By that time Port development had left the Monument on a rather desolate concrete roadside verge.

In 2004 during further remodelling and extension of the Port facilities the Monument was relocated to a more prominent site and interpretation was provided to ensure that the important contribution of the troops and the departments involved could be remembered.

## Historic themes

Australian theme (abbrev)	New South Wales theme	Local theme
7. Governing-Governing	Defence-Activities associated with defending places from hostile takeover and occupation	(none)-
9. Phases of Life-Marking the phases of life	Events-Activities and processes that mark the consequences of natural and cultural occurrences	(none)-

## Assessment of significance

### SHR Criteria a)

[Historical significance]

The monument commemorating the first landing of United States Armed Forces at Glebe Island is of local significance. It is a physical reminder of a brief but important period in the history of Glebe Island. It provides a reminder of the role that the Port of Sydney and the NSW Railway network played in the disembarkation and distribution of personnel and equipment during World War II (S McIntyre-Tamwoy 2003).

### SHR Criteria d)

[Social significance]

Of significance to one million troops who passed through the Port and the Port of Sydney and NSW Railways personnel who handled the people and materials. Later to the many people who attended the commemorative services between 1947 and 1984.

### Assessment criteria:

Items are assessed against the  [State Heritage Register \(SHR\) Criteria](#) to determine the level of significance. Refer to the Listings below for the level of statutory protection.

## Listings

Heritage Listing	Listing Title	Listing Number	Gazette Date	Gazette Number	Gazette Page
Heritage Act - s.170 NSW State agency heritage register	Sydney Ports Corporation	4560012	01 Jul 04		

## Study details

Title	Year	Number	Author	Inspected by	Guidelines used
Sydney Ports Corporation World War II Monument Glebe Island: SOHI	2003		Susan McIntyre-Tamwoy Heritage Consultants		Yes
Heritage Impact Assessment. App 5 to REF Roadworks Glebe Island Rozelle	2002		Mayne -Wilson and Associates		No

## References, internet links & images

Type	Author	Year	Title	Internet Links
Written	anon	1950	Memorial to U.S Armed Forces- Glebe Island, Port of Sydney in Port of Sydney Journal	
Written	MSB	1982	'Sydney's Symbol of Friendship Forged in War' in Port of Sydney Journal (September)	
Written	MSB	1957	Anniversary of the Coral Sea Battle in Port of Sydney Journal (April and June)	
Written	MSB		'Notes on the Meaning of the American Memorial day	

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## Monument - Glebe Island

### Item details

**Name of item:** Monument - Glebe Island  
**Type of item:** Built  
**Group/Collection:** Monuments and Memorials  
**Category:** Monuments  
**Primary address:** , Glebe Island, NSW 2037  
**Local govt. area:** Leichhardt

### All addresses

Street Address	Suburb/town	LGA	Parish	County	Type
	Glebe Island	Leichhardt			Primary Address

### Listings

Heritage Listing	Listing Title	Listing Number	Gazette Date	Gazette Number	Gazette Page
Regional Environmental Plan	City West REP No. 26 - Sch. 4		16 Oct 92		

### References, internet links & imagess

None

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## White Bay Power Station Complex

### Item details

**Name of item:** White Bay Power Station Complex  
**Type of item:** Built  
**Group/Collection:** Utilities - Electricity  
**Category:** Electricity Generator/Power Station - coal/gas/oil  
**Location:** Lat: 33' 51S Long: 151' 11E  
**Primary address:** Robert Street, Rozelle, NSW 2041  
**Parish:** Petersham  
**County:** Cumberland  
**Local govt. area:** Leichhardt

### All addresses

Street Address	Suburb/town	LGA	Parish	County	Type
Robert Street	Rozelle	Leichhardt	Petersham	Cumberland	Primary Address
Victoria Road	Rozelle	Leichhardt			Alternate Address

### Owner/s

Organisation Name	Owner Category	Date Ownership Updated
Sydney Harbour Foreshore Authority	State Government	

### Statement of significance:

White Bay is a significant item of industrial heritage associated with the evolving pattern of power generation in NSW and Australia. It is characteristic of coal fired power stations from the early twentieth century which serviced the expansion of Australia's major cities. None of these stations remain intact today. It predates the formation of the Electricity Commission (and Pacific Power), dating back to a time when localised and vested interest in the power industry hampered expansion of industry and commerce and, public access to a commodity (electricity) which we now take for granted. As the last remaining metropolitan power station from this era, the site must be considered rare. Given the substantial changes in industrial relations which have occurred in Australia and particularly NSW over the last 70 years, White Bay Power Station is also evidence of social and industrial practices no longer in use today. As a result, White Bay Power Station and its associated records provide a basis for a study into employer/employee relationship changes over this period.

**Date significance updated:** 14 Mar 00

*Note: There are incomplete details for a number of items listed in NSW. The Heritage Branch intends to develop or upgrade statements of significance and other information for these items as resources become available.*

### Description

**Designer/Maker:** Railways Commissioners Department  
**Builder/Maker:** Railways Commissioners Department  
**Construction years:** 1912-1948

**Physical description:** White Bay Power Station is located approximately 4km west of the Sydney CBD. The site is bounded to the south by Victoria Road and to the west by Robert Street, Rozelle. It is situated adjacent to a small inlet of Sydney Harbour. The White Bay Complex is composed of the following principal elements: (1) Two Steel Stacks (2) A Coal Handling Unit serviced by a spur rail line (3) Turbine Hall Building incorporating Administrative Offices, the old Laboratory and a Workshop (4) Boiler House (5) A Switch House and Substation (6) Ancillary structures including coal loading wharf and coal handling system.

**STEEL STACKS:** The stacks are made of plate welded steel with guy wires and vibration dampeners at top and base. Only the northern most stack remains, the other having been demolished.

**COAL HANDLING UNIT:** The coal handling unit has a dumping shed immediately behind the stacks where the rail coal trucks deposited their load. Here it was crushed and sized in jaw crushers and then conveyed by belt and bucket to overhead coal hoppers in the station Boiler House. The whole of the conveyor line is in steel section sheathed in corrugated steel. The whole of the coal handling system is of considerable heritage significance and of high industrial archaeological significance.

**TURBINE HOUSE:** The Turbine House (or Hall) was built in two stages as demand for power increased. The massive rendered brick and reinforced concrete building housed not only the generating equipment but also extensive administrative offices and a laboratory at the southern end.

<p><b>Physical condition and/or Archaeological potential:</b></p>	<p>Electrical and mechanical workshops and some of the station circuit breakers were located here. This structure contains the most significant system in the precinct. The power generating system consists of the headers, gauges, condensers, steam feed water pumps, electric feed water pumps, the two 50MW Parsons Turbo Alternators and their salt water steam condensers. The system is the oldest complete system in NSW. The hall also has a viewing platform in the annex, a large overhead crane and the engine beds of a smaller turbo alternator which was removed and scrapped some time ago. The turbines and their associated artefacts have high significance as a system. The Turbo Alternators, gauges and valves have high significance in their own right. This building is an example of confident industrial architecture, with overtones of the Arts and Crafts Design Movement in the continuous vertical piers of the northern facade. The original prominence of the facade had been somewhat reduced by the 1950s Boiler House attached to the left, as well as the infill between the facade of the switch house to the right. However, the full impact would be restored if the later structures were removed. The volume of the Turbine Hall is an extremely impressive space. It is considerably longer, though narrower, than the Turbine Hall at Ultimo Power House. The construction of the first (southern) half is brickwork. It was always intended to extend the building, but by the 1920s concrete had replaced brick as the preferred material for buildings of this scale. The external walls of the northern part are of poured concrete. The machinery bases, and what were the internal walls to the second Boiler House (since demolished) are in unusual coke breeze blocks, of similar size to sandstone masonry. The lower galleries in the first stage are concrete over permanent corrugated steel formwork. Later additions are in precast concrete arched sections. The main steelwork is stamped with the names of British manufacturers.</p> <p><b>BOILER HOUSE:</b> The Boiler House is a massive brick and reinforced concrete structure. It is the third and final Boiler House constructed at the station and stands on the site of the first. The second, formerly located to the south, has been demolished. The boiler house is in fair condition considering the time it has been 'mothballed' (Godden 1989: 19). This structure once contained four Babcock and Wilcox pulverised fuel boilers, the Boiler Control Room, twelve massive ball mills for pulverising coal and coal and ash handling equipment. Very few of the relics in the Boiler House date from the first phase of development. The building itself is a brick and reinforced concrete masonry structure in reasonably good condition although it is now showing the inevitable signs of age. The Boiler Control Room, which dates from the early 1950s is of high significance and is the most important item in the Boiler House. All relics within the Boiler House have high industrial archaeological importance.</p> <p>The site was been decommissioned in line with principles and recommendations of the White Bay Power Station Asset Management Plan (1995). The principal components of the generation, coal handling and associated facilities are intact.</p> <p><b>STEEL STACKS:</b> Northern stack was demolished for safety reasons. Southern stack has been retained. In 1994 it was regarded as retaining only minor failures at its base and top of stack guy connections appear to be in good condition. Some internal corrosion is expected.</p> <p><b>COAL HANDLING SYSTEM:</b> The coal handling structures were examined in 1995 (Pacific Power 1995) and found to be in generally good repair and structurally sound - replacement of some corroded sections of cladding and timber flooring was recommended and has since been carried out.</p> <p><b>TURBINE HOUSE:</b> The entire structure is in reasonable condition apart from localised water damage in places.</p> <p><b>Date condition updated:</b> 14 Mar 00</p>
<p><b>Modifications and dates:</b></p>	<p><b>STRUCTURES:</b> First phase 1912-1917. Second phase 1923-1928. Additions 1954-1959. Third Phase 1950-58.</p> <p><b>MACHINERY/PLANT:</b> 1913 - Commissioned. 1916-1919 - Two new Turbo Alternators and No. 9 Turbo Alternator installed. 1919 - One 7500kW Turbo Alternator transferred to Newcastle. 1925 - Rail system proposed for electrification and White Bay is extended with the installation of two 22,000kW Alternators, change to 50 cycle frequency also achieved. 1926 - An additional 22,000kW Turbo Alternator is installed to meet increased loading supply to the Sydney City Council. 1927-1928 - Two additional 18,750kW Alternators. 1928 - 5 x 50 Cycle unit installed to meet increased demand. 1931 - 7,500kW Frequency charger is transferred to Zara Street Power Station (Newcastle). 1939 - 25,000kVA, charger installed to tie in the 25 and 50 cycle systems. 1948 - Two battery boilers are removed along with two 8750kW Turbo Alternators to make way for a 50,000 kW - 50 cycle Parsons Turbo Alternator.</p> <p><b>STACKS:</b> Both stacks were upgraded with guy wires and vibration dampers some time around 1967 probably as a result of possible cross wind vortex oscillations. Northern stack subsequently demolished for safety reasons.</p>
<p><b>Further information:</b></p>	<p>This listing has been taken from the listing for the White Bay Power Station on the Pacific Power Section 170 Heritage and Conservation Register. This register listed the Steel Stacks, the Coal Handling Unit, the Turbine House and the Boiler House as separate listings. The information relating to each of these has been incorporated into this single listing. It may be appropriate at a later date to prepare separate listings for each component in the Power Station Complex, when more detailed information is to hand.</p> <p>The Conservation Management Plan for the White Bay Power Station received the 2004 Energy Australia National Trust Heritage Awards: Award for Conservation Management Plans. In 2003 the Energy Australia National Trust Heritage Awards: Award for Electronic for the White Bay Power Station Oral History Video.</p>

**Current use:** Unoccupied  
**Former use:** Power Station

## History

**Historical notes:** OVERVIEW: The Station was built in a number of stages. However two are of major importance. The first comprising the first half of the turbine hall, the switch house and one boiler house, was built between 1912 and 1917, by the Department of Railways to supply power to the Sydney railway and tramway system. The second phase, constructed between 1923 and 1928, was built of steel framing and reinforced concrete rather than brick as stage one had been. In 1953 the power station was transferred to the Electricity Commission of NSW. A new steel framed boiler house replaced the 1920s block no.1 between 1950 and 1958. The station remained in service until 1984 when it was



finally decommissioned. White Bay Power station was the longest serving power station in Sydney, with a maximum output of 186MW.

SPECIFIC: As Sydney's tramways expanded, their power source changed from horse, to steam, to cable, and finally electrical traction (Godden 1989). Ultimo Power Station was built to supply the power for the tramways. It came into service in December 1889. Soon after, in 1904 the Sydney Municipal Council's Pyrmont Power Station was commissioned. Pyrmont supplied street lighting to an expanding private clientele. Balmain Power Station commenced operation in 1909. This was built by a private company, the Balmain Electric Light and Power Supply Corporation.

Construction of White Bay commenced in 1912. At this time the Railway Commissioners metropolitan electric power supply provided the traction current for Sydney's tramways, the Railway and Tramway workshops, part of the city's lighting load and supplied other Government Departments (ie.. sewerage services, swing bridges etc.). The Railways Commissioners Station at Ultimo, by this time comprised seven turbo alternators (36,000kW) and six water tube boilers (total evaporative capacity 580,000lbs). The station was performing to its limits. The tramway system in Sydney at the time was much more extensive than that in Melbourne and was challenged by steeper gradients. By 1918 the need for a new larger, more flexible power station had been identified. White Bay Power Station was to fulfill this role and came into operation (partial) in 1913. At this stage the buildings had been completed but most of the plant had yet to be installed. It commenced operation with one 7500kW, 6600 volt, 25 cycle turbo alternator and associated boiler equipment on temporary foundations (the unit was later transferred to Newcastle). Between 1916 and 1919 two new Turbo Alternators and the No. 9 Alternator were installed at White Bay. These units were rated at 8750M 6600 volts, 25 cycles. In 1925 the proposed electrification of the suburban rail system heralded a further increase in demand. White Bay was as a result again extended through the installation of two 22,000kW, 11,000volt, 50 cycle Turbo Alternators. The change to 50 cycle frequency was made because it was standard in Great Britain and it was anticipated that it would soon become the standard for Australia. The Department had also now committed to providing bulk power to the general public. Favourable reports had been received regarding the operation of rotary converters on high frequencies under heavy traction conditions, so 1926 an additional 22,000kW, 11,000 volt, 50 cycle Turbo Alternator and a 7,500kW frequency changer were installed to meet increased loading and bulk supply to the Sydney Municipal Council.

Between 1927 and 1928 two additional 18,750kW, 6600 volt, 25 cycle Turbo Alternators manufactured locally by the English Electric Company, were installed at White Bay to meet anticipated load growth on the 25 cycle system. In 1928 another 50 cycle unit was installed to meet increased loading arising from railway and bulk supply increases. In 1931 the 7,500kW frequency charger was transferred to Zarra Street Power Station (Newcastle) where urgent relief was required. This machine was no longer suitable to operate on the systems at White Bay which had grown substantially since original installation.

It was not until 1939 (again due to load growth), that a 25,000kVA frequency changer was installed to tie the 25 and 50 cycle systems together. This increased the effective capacity of each system by reducing the amount of stand-by plant required. During the war years the system suffered as capital was diverted to the conflict. As a result, post war, load demand quickly outstripped capacity. New plant was urgently required to upgrade the system. Therefore in 1948 the 1 and 2 battery boilers were removed along with two 8750kW turbo-alternators to make way for a 50,000kW 50 cycle Parsons Turbo Alternator.

In 1953 the power station was transferred to the Electricity Commission of NSW. A new steel framed boiler house replaced the 1920s block no.1 between 1950 and 1958. The station remained in service until 1984 when it was finally decommissioned. White Bay Power station was the longest serving power station in Sydney, with a maximum output of 186MW.

### Historic themes


Australian theme (abbrev)	New South Wales theme	Local theme
3. Economy-Developing local, regional and national economies	Industry-Activities associated with the manufacture, production and distribution of goods	(none)-
3. Economy-Developing local, regional and national economies	Technology-Activities and processes associated with the knowledge or use of mechanical arts and applied sciences	(none)-
3. Economy-Developing local, regional and national economies	Transport-Activities associated with the moving of people and goods from one place to another, and systems for the provision of such movements	(none)-
4. Settlement-Building settlements, towns and cities	Utilities-Activities associated with the provision of services, especially on a communal basis	(none)-
7. Governing-Governing	Government and Administration-Activities associated with the governance of local areas, regions, the State and the nation, and the administration of public programs - includes both principled and corrupt activities.	(none)-

### Assessment of significance

#### SHR Criteria a)

[Historical significance]

White Bay power station was originally built as a Railway Commission Power Station supply traction power to the rail and tramway systems. It predates the current state owned monopoly. The acquisition of the power station by the Electricity Commission in 1953 was a response to a major energy crisis which was crippling the states post-war industrial and commercial growth. Clearly the station represents an important or influential phase in power generation development. The station is representative of the rapid industrial growth in Sydney and the increasingly important contribution of electricity to the growth of industry and the economy of NSW and hence the country. In addition the station's original links with the period of major expansion of the railway and tramways systems

	associates it with major events in the interwar period in NSW. The site is clearly significant under this criteria level at a state and national level. No associations with significant historical or political figures are known to be associated-with White Bay (this may require further research). White Bay is the only station which retains evidence of its continuous use for power generation from coal handling to distribution.
<b>SHR Criteria c)</b> [Aesthetic significance]	The site is significant in a regional sense to heritage focus groups who stated resoundingly that the site was significant in aesthetic terms.
<b>SHR Criteria d)</b> [Social significance]	White Bay is a well known industrial landmark. The regard for which it was held in the community was tested in the local area by a 1995 survey. This suggested that the site is significant at least in a local context. The site is significant in a regional sense to heritage focus groups who stated resoundingly that the site was significant in aesthetic terms.
<b>SHR Criteria e)</b> [Research potential]	In terms of technology, the history of the site suggest that it was out of date and unable to meet demand by the time it was completed. In order to operate the 25 and 50 cycle plant the station utilised some interesting equipment relating to the 25/50 cycle concession required. However, this equipment has been long since removed. A review of the Electricity Commission's internal newsletter 'Network', reveals a paucity of information relating to White Bay. Clearly the station did not rate a mention on technological grounds. It is difficult to assess the research potential of this site in terms of its technology, archaeology or architecture. The inclusion guidelines point out that it includes the potential for subsurface remains and certainly experience in demolition of other metropolitan power station sites has shown that there is potential for unanticipated archaeological remains to exist be low the current surface level (eg. Pyrmont 'A' Station). However the technology in use at the power station is well documented already and it seems unlikely that much new information will be uncovered by future research.
<b>SHR Criteria f)</b> [Rarity]	White Bay as the last of the metropolitan power stations in Sydney is a rare and uncommon historic place. There are 15 known examples of power stations from this period in existence in Australia. None of these have plant remaining in situ
<b>SHR Criteria g)</b> [Representativeness]	White Bay represents the period, method of construction and technology of its type. The site demonstrates the evolution of the evolution of the industry over time and is representative of generation facilities of its class.
<b>Integrity/Intactness:</b>	Potential archaeological resource
<b>Assessment criteria:</b>	Items are assessed against the  <a href="#">State Heritage Register (SHR) Criteria</a> to determine the level of significance. Refer to the Listings below for the level of statutory protection.

### Recommended management:

Various (See McIntyre 1995), Turbine House (See also Godden & Associates 1989: 20)

### Listings

Heritage Listing	Listing Title	Listing Number	Gazette Date	Gazette Number	Gazette Page
Heritage Act - s.170 NSW State agency heritage register	Sydney Harbour Foreshore Authority				
Heritage Act - s.170 NSW State agency heritage register	Pacific Power	74	01 Jan 95		

### References, internet links & images

Type	Author	Year	Title	Internet Links
Written	Anon	1930	'An Australian Traction Plant' in The Power Engineer June 1930 edn. 'An Australian Traction Plant' in The Power Engineer June 1930 1930 edn,pp.225-230	
Management Plan	Design 5 Architects	2004	White Bay Power Station Conservation Management Plan (on CD)	
Written	Electricity Commission of NSW	1952	Annual report of the Electricity Commission of NSW for the period ended June 30	
Written	Godden & Associates	1989	The significance of White Bay and Balmain Power Stations to Sydney's Industrial Heritage	
Written	Godden Mackay	1995	The Industrial Heritage of Power Generation: A Framework for Heritage Management	
Written	Godden Mackay	1990	White Bay to Blackwattle Bay, Central to Eveleigh Heritage Study	
Written	Leichardt Council	1994	Leichardt Town Plan: Public Lands Public Benefit	
Written	NSW Government	1923	Report of the Commissioners for the Year ended 30 June 1923. The Annual Report of the NSW Government Railways and Tramways.	
Written	O.W.Brain	1918	Some notes on the Metropolitan Electric Power Supply of the NSW Railway Commissioners - Paper to the Electrical Association of NSW Section	
Written	P Farnik	1994		

			White Bay Power Station: Chimney Stacks, Coal Plant, Ash Plant Assessment and Assessment.	
Written	State Projects		White Bay Power Station: A Study of Preservation Works Necessary to retain the Heritage Fabric.	
Written	Suters Architects Snell	1994	White Bay Power Station Plan of Management: Adaptive Re-Use Study	

Note: internet links may be to web pages, documents or images.



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## White Bay Power Station Canal

### Item details

**Name of item:** White Bay Power Station Canal  
**Type of item:** Built  
**Group/Collection:** Utilities - Electricity  
**Category:** Electricity Generator/Power Station - coal/gas/oil  
**Primary address:** Victoria Rd, Leichhardt NSW, NSW 2136  
**Local govt. area:** Leichhardt

Runs parallel to Roberts St under the power station and under Victoria Road and James Craig Rd.

### Boundary:

#### All addresses

Street Address	Suburb/town	LGA	Parish	County	Type
Victoria Rd	Leichhardt NSW	Leichhardt			Primary Address

### Owner/s

Organisation Name	Owner Category	Date Ownership Updated
Sydney Ports Corporation	State Government	

### Statement of significance:

The significance of the canal is derived from the significance of the White Bay Power Station complex. The canal is an integral part of the White Bay Power Station and its cooling system. The canal now also forms part of the ecosystem of the White Bay and Black Wattle Bay areas [for the Statement of Significance for White Bay Power Station see SHR listing #01015 Heritage Office of NSW].

**Date significance updated:** 23 Dec 04

*Note: There are incomplete details for a number of items listed in NSW. The Heritage Branch intends to develop or upgrade statements of significance and other information for these items as resources become available.*

### Description

**Designer/Maker:** Department of Railways  
**Date condition updated:** 13 Jul 04

**Current use:** none  
**Former use:** Power station canal

### History

**Historical notes:** The White Bay Power Station was originally constructed by the Department of Railways prior to the establishment of the Electricity Commission of NSW under the Electricity Commission Act 1950. The Commission was established at a time of crisis in the electricity supply industry, to acquire and operate the major power generating organisations then in existence and to weld them into one system capable of supplying the bulk needs of the electricity distributing organisations in the state and other bulk users, notably the Department of Railways.

Construction of the White Bay Power Station began in 1925 and was completed in 1928. At that time the Government Railways Act of 1912 empowered the Department of Railways to undertake the supply of electricity in bulk to distributing bodies for general purposes. The canal was built in the early part of this period.

### Historic themes

Australian theme (abbrev)	New South Wales theme	Local theme
3. Economy-Developing local, regional and national economies	Industry-Activities associated with the manufacture, production and distribution of goods	(none)-

### Assessment of significance

#### SHR Criteria a)

[Historical significance]

The Canal is more appropriately assessed in connection with the White Bay Power Station Complex. This complex is of State significance being the last remaining predominantly intact power station representative of the pre Electricity Commission era of electricity generation and distribution in NSW. It is associated with the early efforts of the Department of Railways in developing the transport network in Sydney and NSW. It remained in operation longer than any of the other city stations and was recalled into active service as emergency back up power generation in the mid 1980's when the state faced another crisis in generation capacity.

#### SHR Criteria f)


[Rarity]

The canal is the only example for an intact canal associated with a largely intact power station complex in the metropolitan area.

#### Integrity/Intactness:

intact

#### Assessment criteria:

Items are assessed against the  [State Heritage Register \(SHR\) Criteria](#) to determine the level of significance. Refer to the Listings below for the level of statutory protection.

### Recommended management:

#### Recommendations

Management Category	Description	Date Updated
Recommended Management	No Action, follow existing management controls	15 Dec 04

### Listings

Heritage Listing	Listing Title	Listing Number	Gazette Date	Gazette Number	Gazette Page
Heritage Act - s.170 NSW State agency heritage register	Sydney Harbour Foreshore Authority				
Heritage Act - s.170 NSW State agency heritage register	Sydney Ports Corporation	4560026			
Heritage Act - s.170 NSW State agency heritage register		74	18 Mar 98		

### References, internet links & images

Type	Author	Year	Title	Internet Links
Written	Design 5 Architects	2004	White Bay Power Station, Conservation Management Plan Vol 2	
Written	Electricity Commission of NSW	1953	Report of the Electricity Commission of NSW for period 22nd May 1950 to June 1952	

Note: internet links may be to web pages, documents or images.



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## Place Details

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### White Bay Power Station, Robert St, Rozelle, NSW, Australia

<b>Photographs</b>	None
<b>List</b>	Register of the National Estate (Non-statutory archive)
<b>Class</b>	Historic
<b>Legal Status</b>	<a href="#">Indicative Place</a>
<b>Place ID</b>	19512
<b>Place File No</b>	1/12/022/0082

#### Nominator's Statement of Significance

White Bay Power Station is an item of outstanding heritage significance, with aesthetic, historic, social and technological value for future generations as well as the present community. The station and its equipment evidence the development of large scale generation technology and the growth in the importance of electricity throughout this century. As one of the longest serving power stations in Australia, White Bay made a major contribution to the daily lives of millions of people. The extant buildings and equipment are important on a National scale because they remain largely intact and therefore able to demonstrate the complete process of coal fired thermal power generation and supply. The complex is a well known landmark that displays unusual industrial application of the Arts and Crafts design.

Secondary Nominator:

The Power Station has undergone continuous growth, development and alteration throughout its history. Its fabric and artefacts therefore demonstrated the major phases and innovations in electricity supply from its inception until the 1980s. White Bay Power Station, including its remaining plant and machinery, evidence the phenomenal growth and importance of electricity over the last century. The advent of electrify had a major impact on the daily lives of millions of Sydney's residents. It was a crucial part of the Sydney rail network which was itself a fundamental aspect of the life in Sydney in the twentieth century. The complex has additional social significance as a steady employer of a large workforce for much of this century. White Bay Power Station contains an unparalleled collection of frequency changers, rotary converters and transformers which were associated with its original railway function. This equipment enabled a flexibility of AC/DC power supply and conversion unavailable at the major power stations. The surviving fabric and equipment at White Bay Power Station demonstrates the complete process of power generation and supply including: coal handling, ash handling, boilers and feed water, circulating cooling water, turbines and generators, and electrical switchgear. The turbine hall features an operating power generation system, including headers, gauges, condensers, feed water pumps and turbo alternators. It is the oldest operable system in New South Wales (NSW). Many relics and assemblages within the White Bay Power Station have considerable individual value as artefacts. Together they constitute the best collection of power generation equipment in the State. The entire system documents modern development of a single technology throughout this century. The Power Station buildings display design and structural elements which demonstrate their purpose built functionality and the interface of developing construction techniques and technology.

#### Official Values Not Available

#### Description

White Bay Power Station Complex was built around 1912-13 by the Department of Railways to supply power to the Sydney Railway and Tramway System and is the only remaining example of such a station. The station was built in two stages; first the brick turbine hall switch house and one boiler house. This phase included five generating units which became operational in 1917. The second phase commenced in 1923 and was built of steel framing and reinforced concrete rather than brick. In 1953 the power station was transferred to the Electricity Commission of NSW and remained in service until 1984 when the Station was decommissioned. White Bay Station was the longest



serving power station in NSW. The complex includes coal handling plant, Stacks, boilers, generators and switching facilities. The site complex is a rare example of a complete system representing early power generation in Australia. The architecture involves a rare use of the Arts and Crafts design in an industrial complex (MacKay in preparation).

Secondary Nominator: The boiler house is a massive brick reinforced concrete structure. It is the third boiler house at the station and stands on the site of the first. The second one, formerly located to the south has been demolished. The coal handling plant consists of a rail truck dumping shed adjacent to the stacks and a conveyor belt covered way, sheathed in corrugated, galvanised steel, which runs up the east side of the boiler house. The turbine hall was built in two stages as demand for power increased. The massive rendered brick and reinforced concrete building housed not only the generating equipment but also the extensive administrative offices and the laboratory in the southern end. The electrical and mechanical workshops and some of the circuit breakers were located here. The switch house and substation are to the west of the turbine hall. The architecture of the switch house is similar to the turbine hall with its massive steel framed windows and plastered rendered facade. Ancillary structures on the site include the watch house, the oil reservoir and an amenities block.

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### History Not Available

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### Condition and Integrity

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The site is in relatively good condition being the most recently decommissioned of the NSW metropolitan sites. There is some rusting of external corrugated iron cladding. However the iron riveted stacks have recently been stabilized with supporting guy wires and the main buildings are sound.

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### Location

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Corner Victoria Road and Robert Street, Rozelle.

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### Bibliography

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Godden, D. "The Significance of White Bay and Balmain Power Stations to Sydney's Industrial Heritage". A Report to the Electricity Commission of NSW, 1989.

Heritage Group/State Projects. White Bay Power Station Heritage Study: Buildings to be Conserved. Report to Pacific Power (Trading name of the Electricity Commission of NSW), 1994.

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Mackay, R. in prep. Industrial Heritage of Power Generation Research Project. Report to the Australian Electricity Supply Industry Research Board.

Dept of Planning/NSW. City West: Bay Precinct Regional Environmental Plan, 1993.

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