



APPENDIX C

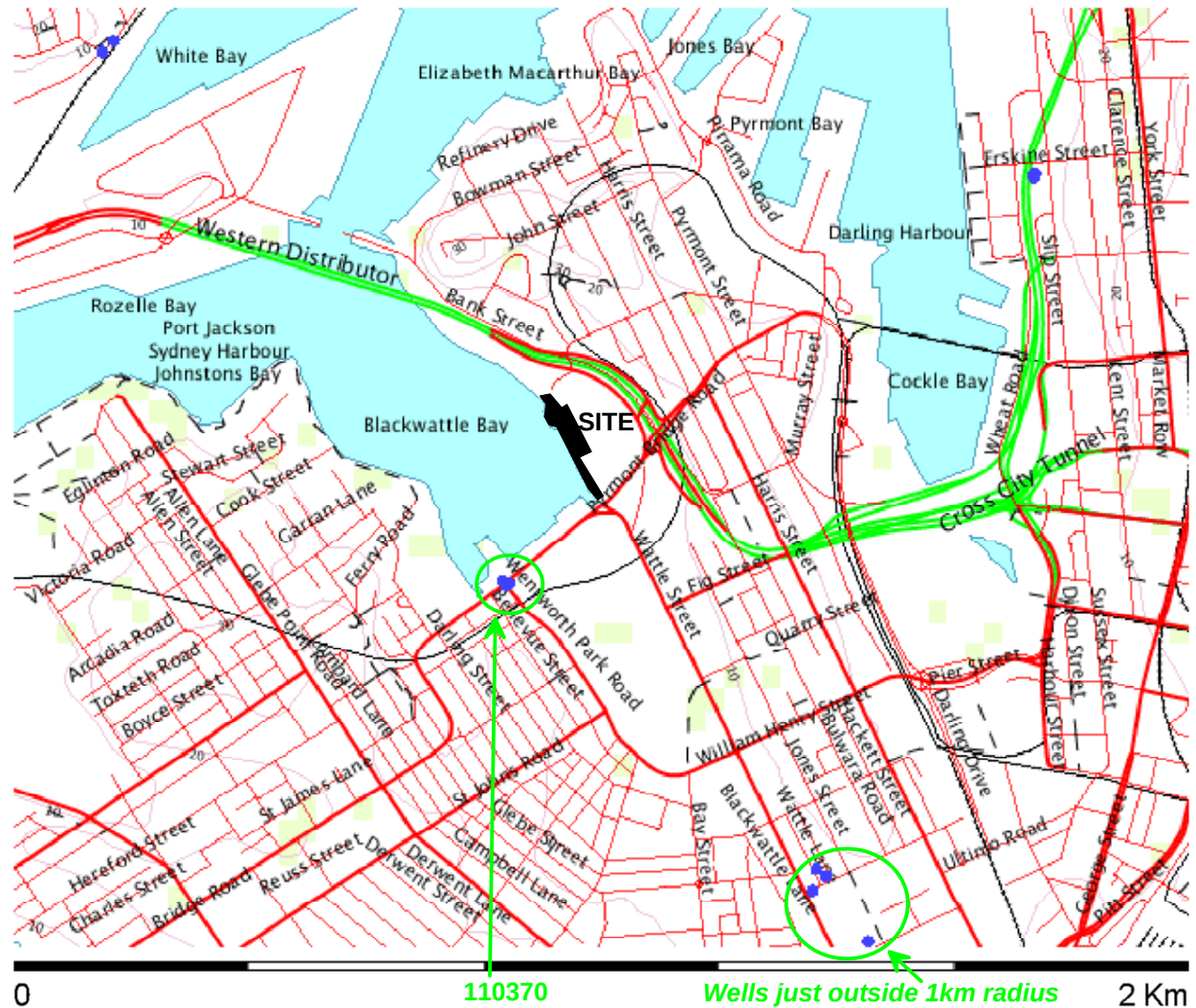
(Site History Documents – Groundwater Bore Records)



E24125Krpt (SFM- waterfront)

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

Thursday, August 12, 2010



0 110370 110371 110372 110373 110374 Wells just outside 1km radius 2 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	

Groundwater Works Summary

For information on the meaning of fields please see [Glossary](#)
Document Generated on Wednesday, May 19, 2010

[Print Report](#)

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

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; Casing - Machine Slotted; SL: 3.5mm; Screwed
1	1	Opening	Slots	0.50	4.00	50			Graded; GS: .3- 4mm; Q: 2m ³
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
0.60	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		

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

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Document Generated on Wednesday, May 19, 2010

[Print Report](#)

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

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

For information on the meaning of fields please see [Glossary](#)
Document Generated on Wednesday, May 19, 2010

[Print Report](#)

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

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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Document Generated on Wednesday, May 19, 2010

[Print Report](#)

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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

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[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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(Site History Documents – Historical Land Title Records)



(Site History Documents – Historical Land Titles)

BP

28 MAY 2010

ADVANCE LEGAL SEARCH PTY LIMITED

(ACN 077 067 068)

ABN 49 077 067 068

P.O. Box 149
Yagoona NSW 2199

Telephone: +612 9754 1590
Mobile: 0412 169 809
Facsimile: +612 9754 1364
Email: alsearch@optusnet.com.au

25th May 2010

ENVIRONMENTAL INVESTIGATION SERVICES

PO Box 976,
NORTH RYDE BC NSW 1670

Attention: Brendan Page

**RE: Sydney Fish Markets Site
Pyrmont
Job No.: E23982K**

Current Search

Folio Identifier 2/827434 (title attached)
DP 827434 (plan attached)
Dated 20th May 2010
Registered Proprietor:
STATE PROPERTY AUTHORITY

Title Tree
Lot 2 DP 827434

Folio Identifier 2/827434

Folio Identifier 2/545500

Certificate of Title Volume 12073 Folio 250

Certificate of Title Volume 10843 Folio 196

(a)	(b)	(c)	(d)
CTVol 2088 Fol 91	CTVol 3552 Fol 17	CTVol 3614 Fol 199	CTVol 6871 Fol 250
****	Certificate of Title Volume 1232 Fol 144		CTVol 1304 Fol 63
	*****		*****

Summary of proprietor(s)
Lot 2 DP 827434

Year	Proprietor
	(Lot 2 DP 827434)
2008 – todate	State Property Authority
<i>(1993 – todate)</i>	<i>(various current commercial leases see Folio Identifier 2/827434)</i>
<i>(1993 – todate)</i>	<i>(various commercial leases see Historical Folio 2/827434)</i>
1993 – 2008	The Fish Marketing Authority
	(Lot 2 DP 545500)
1988 – 1993	The Fish Marketing Authority
<i>(1988 – 1993)</i>	<i>(various commercial leases see Historical Folio 2/545500)</i>
	(Lot 2 DP 545500 – CTVol 12073 Fol 250)
1973 – 1988	Fish Marketing Authority
<i>(1973 – 1988)</i>	<i>(various commercial leases see CTVol 12073 Fol 250)</i>
	(Lot 1 DP 233350 – CTVol 10843 Fol 196)
1972 – 1973	Fish Marketing Authority
1969 – 1972	New South Wales Fish Authority

See (a), (b), (c) & (d)

Note (a)

	(30 ½ Perches Grant Parish St Andrews – CTVol 2088 Fol 91)
1965 – 1969	The New South Wales Fish Authority
1930 – 1965	The Shell Company of Australia Limited
<i>(1923 – 1930)</i>	<i>(lease to F Buckle & Sons Limited)</i>
<i>(1911 – 1930)</i>	<i>(lease to The British Imperial Oil Company Limited)</i>
1910 – 1930	F Buckle & Sons Limited

Note (b)

	(Part of John Harris's grant Parish St Andrews – Area 2 Acres 0 Roods 7 ½ Perches – CTVol 3552 Fol 17)
1965 – 1969	The New South Wales Fish Authority
1930 – 1965	The Shell Company of Australia Limited
<i>(1917 – 1930)</i>	<i>(lease to The British Imperial Oil Company Limited)</i>
1928 – 1930	F Buckle & Sons Limited
	(Part of John Harris's grant Parish St Andrews – Area 2 Acres 0 Roods 7 ½ Perches – CTVol 1232 Fol 144)
1903 – 1928	F Buckle & Sons Limited
<i>(1911 – 1917)</i>	<i>(lease to The British Imperial Oil Company Limited)</i>
1900 – 1903	Francis Buckle, gentleman
<i>(1902 – 1911)</i>	<i>(lease to The Shell Transport and Trading Company Limited)</i>
1897 – 1900	English Scottish & Australian Bank Ltd

Note (c)

	(Part 1 Acre 2 Roods 14 Perches grant – Area 2sq ft – CTVol 3614 Fol 199)
1965 – 1969	The New South Wales Fish Authority
<i>(1887 – 1965)</i>	<i>(lease to Robert Maye, contractor)</i>
1927 – 1965	F Buckle & Sons Limited
	(Part of John Harris's grant Parish St Andrews – Area 2 Acres 0 Roods 7 ½ Perches – CTVol 1232 Fol 144)
1903 – 1928	F Buckle & Sons Limited
<i>(1911 – 1917)</i>	<i>(lease to The British Imperial Oil Company Limited)</i>
1900 – 1903	Francis Buckle, gentleman
<i>(1902 – 1911)</i>	<i>(lease to The Shell Transport and Trading Company Limited)</i>
1897 – 1900	English Scottish & Australian Bank Ltd

Note (d)

	(Part of 1 Acre 2 Roods 14 Perches – Parish St Andrews – Area 1 Acre 2 Roods 13 Perches grant – CTVol 6871 Fol 250)
1965 – 1969	The New South Wales Fish Authority
1954 – 1965	The Shell Company of Australia Limited
	(Part of 1 Acre 2 Roods 14 Perches – Parish St Andrews – Area 1 Acre 2 Roods 13 Perches grant – CTVol 1304 Fol 63)
1930 – 1954	The Shell Company of Australia Limited
1903 – 1930	F Buckle & Sons Limited
1899 – 1903	Francis Buckle, gentleman
<i>(1887 – 1965)</i>	<i>(lease to Robert Maye, contractor)</i>

Cadastral Records Enquiry Report

Ref : BOX 97 - PYRMONT

Locality : PYRMONT

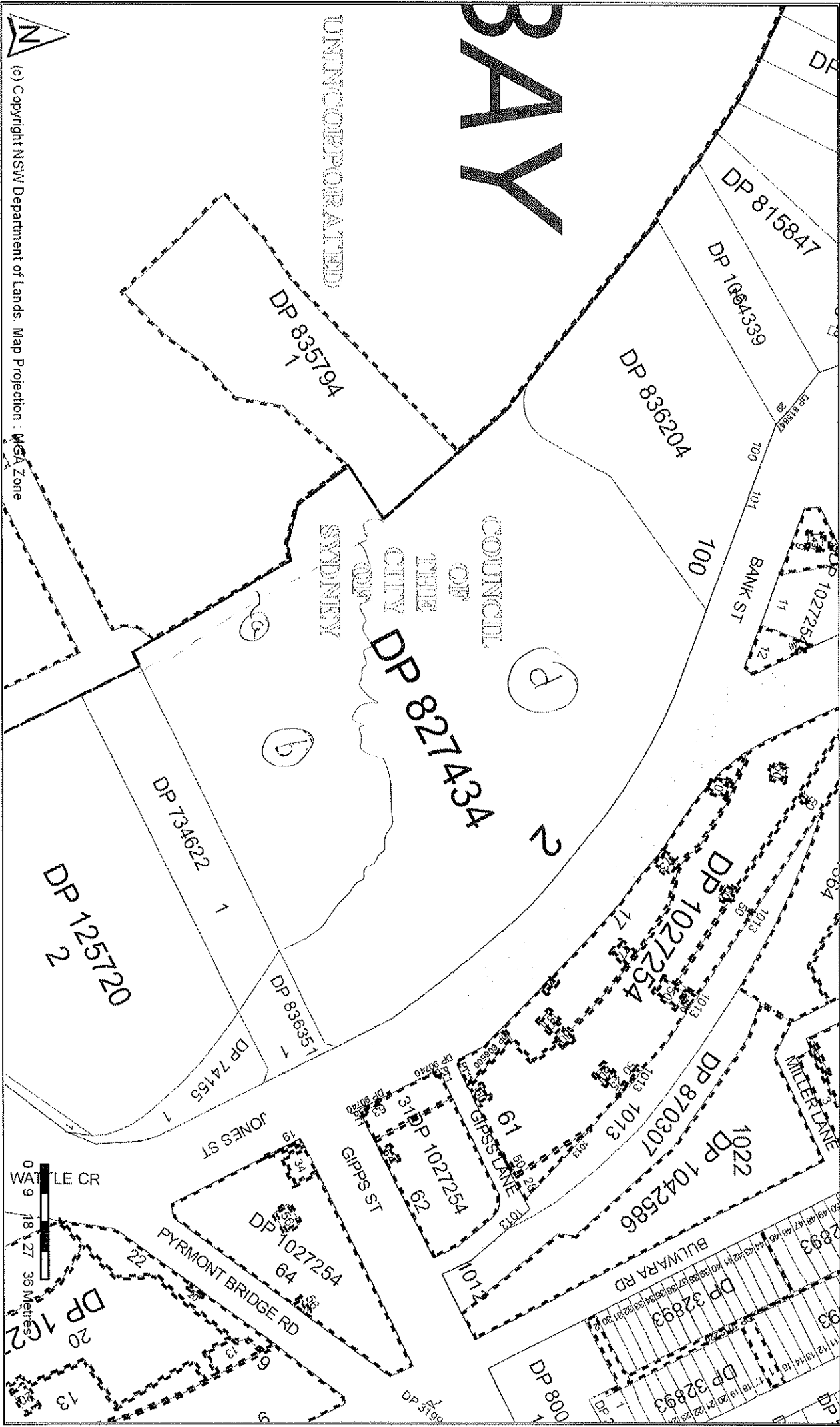
Requested Parcel : Lot 2 DP 827434

Identified Parcel : Lot 2 DP 827434

LGA : SYDNEY

Parish : ST ANDREW

County : CUMBERLAND





Advance Legal Search Pty Ltd

Phone: 02 9754 1590

LPI On-Line

Advanced Legal Search Pty Ltd hereby certifies that the information contained in this document has been provided electronically by the Registrar General in accordance with Section 96B(2) of the Real Property Act. Information provided through Tri-Search an approved LPI/NSW Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 2/827434

SEARCH DATE	TIME	EDITION NO	DATE
20/5/2010	7:44 AM	14	11/4/2008

LAND

LOT 2 IN DEPOSITED PLAN 827434
AT PYRMONT
LOCAL GOVERNMENT AREA SYDNEY
PARISH OF ST ANDREW COUNTY OF CUMBERLAND
TITLE DIAGRAM DP827434

FIRST SCHEDULE

STATE PROPERTY AUTHORITY (AP AD749421)

SECOND SCHEDULE (7 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 PREMISES BEING "SYDNEY FISH MARKET SITE"
- 3 TOGETHER WITH AND RESERVING RIGHTS
- 4 E549866 LEASE TO DE COSTI BROS. SEAFOODS PTY. LIMITED PART
BEING LOTS 1 & 2 IN DP240959 AND LOTS 27 & 28 IN
DP247390. EXPIRES: 13/11/2011.
U704384 TRANSFER OF MORTGAGE TO DE COSTI BROS SEAFOODS
(HOLDINGS) PTY LIMITED
U768391 CONCURRENT LEASE
9533103 MORTGAGE OF LEASE E549866 TO HSBC BANK AUSTRALIA
LIMITED
AB156723 TRANSFER OF LEASE E549866 LESSEE NOW TRANSTASMAN
FISHERIES PTY LIMITED
- 5 DP827434 RIGHT OF CARRIAGEWAY AFFECTING THE PART(S) SHOWN SO
BURDENED IN THE TITLE DIAGRAM
- 6 I553138 LEASE TO POULOS BROS. (WHOLESALE) PTY LIMITED OF
SHOPS 4, 5 & 6, CNR GIPPS & JONES STREET, BLACKWATTLE
BAY, PYRMONT. EXPIRES 30.6.2004 OPTION OF RENEWAL 12
YEARS
I640763 MORTGAGE OF LEASE TO COMMONWEALTH BANK OF
AUSTRALIA
U768391 CONCURRENT LEASE
- 7 U768391 LEASE TO SYDNEY FISH MARKET PTY LTD. EXPIRES
28-10-2044
6698354 LEASE OF LEASE U768391 TO BELLS PURE ICE PTY
LIMITED OF ICE MAKING PLANT NO 1, SYDNEY FISH
MARKET. EXPIRES: 30/6/2009.
AB870597 LEASE OF LEASE U768391 TO REDAZE PTY LIMITED OF
FREEZER ROOM F2, REFRIGERATION & PROCESSING AREA,

END OF PAGE 1 - CONTINUED OVER

EIS - Pyrmont

PRINTED ON 20/5/2010

*ANY ENTRIES PRECEDED BY AN ASTERISK DO NOT APPEAR ON THE CURRENT EDITION OF THE CERTIFICATE OF TITLE.
WARNING: THE INFORMATION APPEARING UNDER NOTATIONS HAS NOT BEEN FORMALLY RECORDED IN THE REGISTER.

**Advance Legal Search Pty Ltd**

Phone: 02 9754 1590

LPI On-Line

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 2/827434

PAGE 2

SECOND SCHEDULE (7 NOTIFICATIONS) (CONTINUED)

AB842582 SYDNEY FISH MARKET, PYRMONT. EXPIRES: 23/8/2010.
LEASE OF LEASE U768391 TO PROPERTYMODE.COM.AU
PTY LIMITED OF OFFICE S1.5, SYDNEY FISH MARKETS.
EXPIRES: 31/12/2007.

AB940622 LEASE OF LEASE U768391 TO NOTARAS SEAFOODS PTY
LIMITED OF OFFICE 3 IN THE REFRIGERATION AND
PROCESSING AREA OF THE BUILDING AND FREEZER ROOM F6
OF THE SYDNEY FISH MARKET, PYRMONT. EXPIRES:
31/8/2010.

AC340355 LEASE OF LEASE U768391 TO M & G OYSTER SUPPLIES
PTY LIMITED OF PREMISES KNOWN AS FREEZER ROOM F1 IN
THE REFRIGERATION AND PROCESSING AREA OF THE SYDNEY
FISH MARKET, PYRMONT. EXPIRES: 23/8/2010.

AC355965 LEASE OF LEASE U768391 TO M & G OYSTER SUPPLIES
PTY LIMITED OF FREEZER ROOM F7 IN REFRIGERATION AND
PROCESSING AREA OF SYDNEY FISH MARKET, PYRMONT.
EXPIRES: 5/4/2011.

AD183710 LEASE OF LEASE U768391 TO NICHOLAS SEAFOOD
TRADERS PTY LIMITED OF FREEZER ROOM F4 SYDNEY FISH
MARKET, PYRMONT. EXPIRES: 23/8/2010.

AD183743 LEASE OF LEASE U768391 TO JIMFUE CAM MINH LUU &
TOMSIN LUU OF CHINESE RESTAURANT, LEVEL 1, MAIN
BUILDING, SYDNEY FISH MARKET, PYRMONT. EXPIRES:
31/5/2010. OPTION OF RENEWAL: 2 X 5 YEARS.

AD274513 LEASE OF LEASE U768391 TO MICHAEL PAPAHAZIS &
HELEN PAPAHAZIS OF SHOP 8A & CHILLER NO 1, SYDNEY
FISH MARKET. EXPIRES: 31/12/2010.

AD425404 MORTGAGE OF LEASE AD183743 TO ST GEORGE BANK
LIMITED

* AE352189 TRANSFER OF LEASE AD183710 LESSEE NOW
SEAFOOD-BUYFOOD PTY LIMITED

* AE921649 LEASE OF LEASE U768391 TO AUSTRAL FISHERIES PTY
LTD OF SUITES 1.1 AND 1.1A, LEVEL 1, MAIN BUILDING,
SYDNEY FISH MARKET, BANK STREET, PYRMONT. EXPIRES:
30/9/2012.

* AF33706 LEASE OF LEASE U768391 TO CHRISTIE SEAFOODS PTY
LIMITED OF OFFICE S2.0, SYDNEY FISH MARKET, BANK
STREET, PYRMONT. EXPIRES: 13/5/2014.

* AF33707 LEASE OF LEASE U768391 TO CHRISTIES SEAFOODS PTY
LIMITED OF CHILLER ROOM RPA 24, SYDNEY FISH MARKET,
BANK STREET, PYRMONT. EXPIRES: 30/6/2014.

* AF210310 LEASE OF LEASE U768391 TO SHUUKA PTY LIMITED OF
REFRIGERATION AND PROCESSING AREA 10, SYDNEY FISH
MARKET, BANK STREET, PYRMONT. EXPIRES: 31/10/2024.

* AF423563 LEASE OF LEASE U768391 TO NIPPON AUST SEAFOODS
PTY LIMITED OF RETAIL SHOP NO 5 SYDNEY FISH MARKET,

END OF PAGE 2 - CONTINUED OVER

EIS - Pyrmont

PRINTED ON 20/5/2010

*ANY ENTRIES PRECEDED BY AN ASTERISK DO NOT APPEAR ON THE CURRENT EDITION OF THE CERTIFICATE OF TITLE.
WARNING: THE INFORMATION APPEARING UNDER NOTATIONS HAS NOT BEEN FORMALLY RECORDED IN THE REGISTER.



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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 2/827434

PAGE 3

SECOND SCHEDULE (7 NOTIFICATIONS) (CONTINUED)

BANK ST, PYRMONT. EXPIRES: 30/9/2019.

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***



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Information provided through Tri-Search an approved LPINSW Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

20/5/2010 7:46AM

FOLIO: 2/827434

First Title(s): VOL 819 FOL 200 VOL 2088 FOL 91
OLD SYSTEM

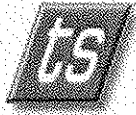
Prior Title(s): 2/545500

Recorded	Number	Type of Instrument	C.T. Issue
30/7/1993	DP827434	DEPOSITED PLAN	FOLIO CREATED EDITION 1
18/8/1993	I553136	DETERMINATION OF LEASE	
18/8/1993	I553137	DETERMINATION OF LEASE	
18/8/1993	I553138	LEASE	EDITION 2
13/9/1993	I640763	MORTGAGE OF LEASE	
21/3/1994	U119718	DEPARTMENTAL DEALING	
21/3/1994	U97896	VARIATION OF LEASE	EDITION 3
31/5/1994	U308827	LEASE	EDITION 4
15/6/1994	U350825	LEASE	EDITION 5
4/7/1994	U408331	LEASE	EDITION 6
26/7/1994	U473197	LEASE	EDITION 7
23/9/1994	U644655	MORTGAGE OF LEASE	
12/10/1994	U696206	TRANSFER OF LEASE	
14/10/1994	U704384	TRANSFER OF LEASE	
14/10/1994	U704385	TRANSFER OF LEASE	
27/10/1994	U741215	DISCHARGE OF MORTGAGE	
27/10/1994	U741216	DISCHARGE OF MORTGAGE	EDITION 8
7/11/1994	U766498	MORTGAGE OF LEASE	
23/11/1994	U768389	REQUEST	
30/1/1995	U768390	TRANSFER OF LEASE	
30/1/1995	U827111	LEASE	EDITION 9
31/1/1995	U768387	APPLICATION	
31/1/1995	U768391	LEASE	EDITION 10

END OF PAGE 1 - CONTINUED OVER

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

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FOLIO: 2/827434

PAGE 2

Recorded	Number	Type of Instrument	C.T. Issue
1/2/1995	U768394	MORTGAGE OF LEASE	EDITION 11
13/2/1996	0910207	MORTGAGE OF LEASE	
20/9/1996	2473910	DEPARTMENTAL DEALING	
16/6/1997	3146659	DISCHARGE OF MORTGAGE	EDITION 12
24/7/1997	3200392	SUB-LEASE	
24/7/1997	3201252	SUB-LEASE	
1/8/1997	3261385	SUB-LEASE	
18/9/1997	3397607	SUB-LEASE	
18/12/1997	3676453	SUB-LEASE	
19/2/1998	3809385	SUB-LEASE	
13/10/1998	5312184	SUB-LEASE	
2/12/1998	5436680	TRANSFER OF LEASE	
8/4/1999	5732741	TRANSFER OF LEASE	
8/4/1999	5732742	VARIATION OF LEASE	
16/4/1999	5754065	DEPARTMENTAL DEALING	
8/6/1999	5887576	DEPARTMENTAL DEALING	
8/6/1999	5883544	DETERMINATION OF LEASE	
9/6/1999	5890855	DETERMINATION OF LEASE	
10/6/1999	5896744	DETERMINATION OF LEASE	
17/2/2000	6568954	DETERMINATION OF LEASE	
17/2/2000	6568955	SUB-LEASE	
28/7/2000	6698354	SUB-LEASE	
27/10/2000	7181637	SUB-LEASE	
6/3/2001	7456426	DEPARTMENTAL DEALING	

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

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FOLIO: 2/827434

PAGE 3

Recorded	Number	Type of Instrument	C.T. Issue
2/8/2001	7824980	DISCHARGE OF MORTGAGE	
7/5/2002	8471492	DETERMINATION OF LEASE	
19/9/2002	8968464	APPLN FOR REPLACEMENT CT	EDITION 13
14/4/2003	9533103	MORTGAGE OF LEASE	
13/12/2004	AB156723	TRANSFER OF LEASE	
27/10/2005	AB870597	SUB-LEASE	
3/11/2005	AB842582	SUB-LEASE	
25/11/2005	AB940622	SUB-LEASE	
30/5/2006	AC340355	SUB-LEASE	
5/6/2006	AC355965	SUB-LEASE	
6/7/2007	AD183710	SUB-LEASE	
6/7/2007	AD183743	SUB-LEASE	
27/7/2007	AD274513	SUB-LEASE	
19/9/2007	AD425404	MORTGAGE OF LEASE	
11/4/2008	AD749421	APPLICATION	EDITION 14
28/11/2008	AE352189	TRANSFER OF LEASE	
3/9/2009	AE921649	SUB-LEASE	
15/10/2009	AF33706	SUB-LEASE	
15/10/2009	AF33707	SUB-LEASE	
25/1/2010	AF210310	SUB-LEASE	
12/4/2010	AF423563	SUB-LEASE	

*** END OF SEARCH ***



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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

20/5/2010 7:49AM

FOLIO: 2/545500

First Title(s): OLD SYSTEM VOL 819 FOL 200

VOL 2088 FOL 91

Prior Title(s): VOL 12073 FOL 250

Recorded	Number	Type of Instrument	C.T. Issue
28/3/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
18/6/1990	DP545500	DEPOSITED PLAN	FOLIO CREATED CT NOT ISSUED
28/6/1990	Y981418	DETERMINATION OF LEASE	
28/6/1990	Z26169	LEASE	EDITION 1
2/7/1990	DP803161	DEPOSITED PLAN	
26/2/1991	Z509491	LEASE	EDITION 2
9/4/1991	Z565341	LEASE	EDITION 3
26/9/1991	Z948556	MORTGAGE OF LEASE	
3/2/1992	E116041	LEASE	
3/2/1992	E116042	LEASE	EDITION 4
1/5/1992	E409213	DISCHARGE OF MORTGAGE	
1/5/1992	E409214	TRANSFER OF LEASE	
17/7/1992	E538958	LEASE	
17/7/1992	E549865	DETERMINATION OF LEASE	
17/7/1992	E549866	LEASE	
17/7/1992	E549867	LEASE	EDITION 5
11/9/1992	E742317	LEASE	EDITION 6
14/12/1992	E973568	DETERMINATION OF LEASE	
14/12/1992	E973569	DETERMINATION OF LEASE	
14/12/1992	E973570	LEASE	
4/3/1993	I69952	CAVEAT	
4/3/1993	I154500	WITHDRAWAL OF CAVEAT	
4/3/1993	I154501	TRANSFER OF LEASE	
21/7/1993	I478288	REQUEST	

END OF PAGE 1 - CONTINUED OVER

EIS - Pyrmont

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-----SEARCH DATE

20/5/2010 7:49AM

FOLIO: 2/545500

PAGE 2

Recorded -----	Number -----	Type of Instrument -----	C.T. Issue -----
21/7/1993	I478289	REQUEST	
21/7/1993	I503526	DEPARTMENTAL DEALING	EDITION 7
29/7/1993	DP827434	DEPOSITED PLAN	FOLIO CANCELLED RESIDUE REMAINS

*** END OF SEARCH ***

SIGNATURE AND SEALS ONLY.



STATE BANK OF NEW SOUTH WALES
LIMITED by its Memorandum to power
of attorney registered book 3964
No. 4530 and I declare that I
have no notice of the revocation of
the said power of Attorney.

WILLIAM JAMES
Manager Securities
Legal Division

W. J. BAKER
DEPUTY CHAIRMAN

G. A. SCREPPER
SECRETARY



Crown Lands Office Approval
Lead Officer
Page No.
Field Book

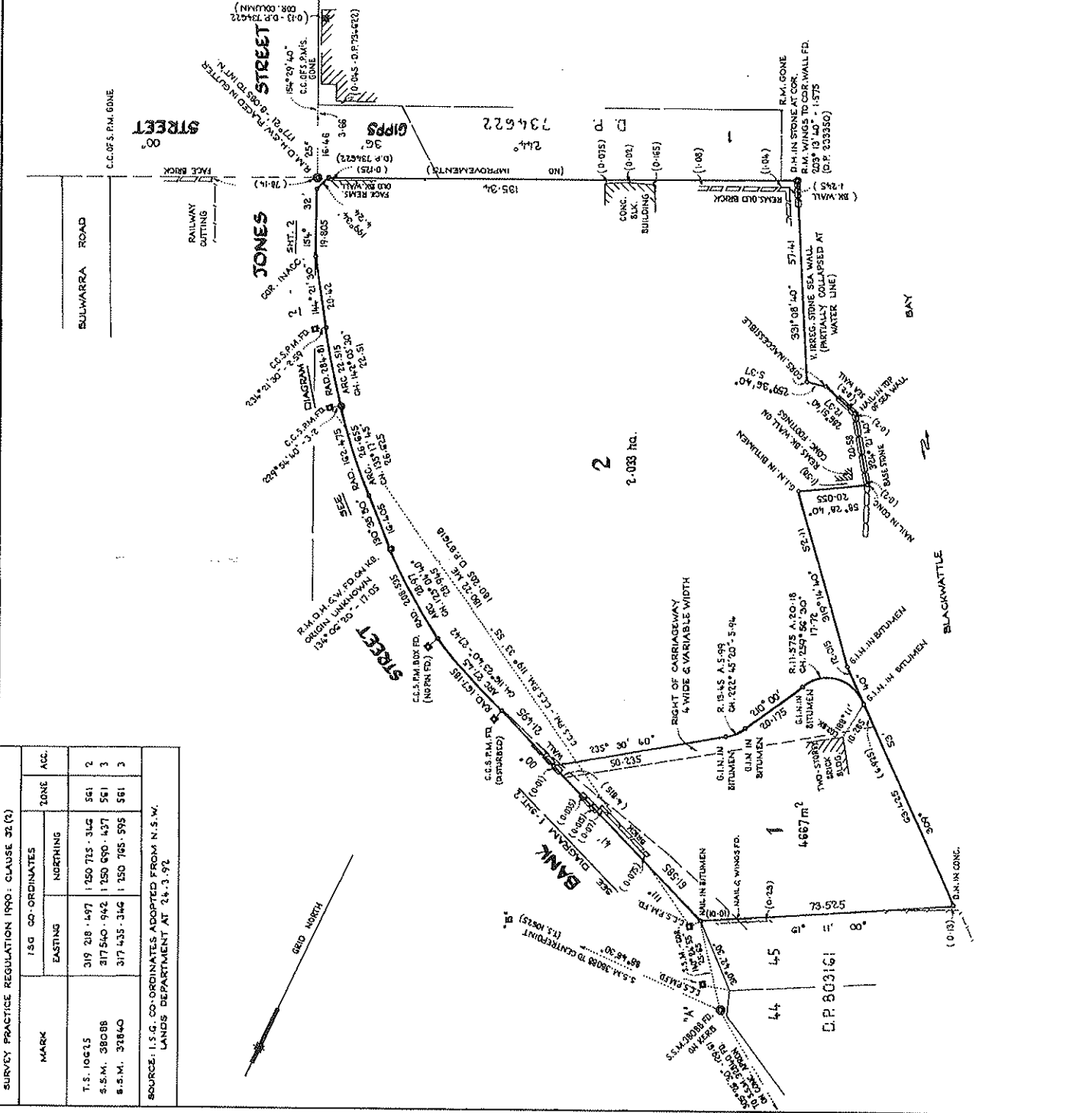
Council Clerk's Certificate
I hereby certify that:
(a) the requirements of the Local Government Act, 1919 (other than
the requirements for the registration of plans), and
(b) the requirements of section 306 of the Metropolitan Water,
Sewerage and Drainage Act, 1904, have been complied with by the applicant in relation to the
proposed SUBDIVISION.
Subdivision No. 18192
Date 18 JUNE 1977
(Signature)
Acting Town Clerk
Council File No. 598-59239
This certificate is to be placed where the application is lodged for a
copy of the plan and the application is to be placed in the public
notice area of the Metropolitan Water, Sewerage and Drainage Board and the Hunter District Water
Board.
I Declare it Inapplicable.

SURVEY PRACTICE REGULATION 1990 : CLAUSE 32 (3)

MARK	EASTING	NORTHING	ZONE	ACC.
T.S. 10615	319 718.497	1 750 715.342	561	2
S.S.M. 38088	317 540.942	1 750 690.437	561	3
S.S.M. 37840	317 435.346	1 750 765.995	561	3

SOURCE: I.S.G. CO-ORDINATES ADOPTED FROM N.S.W.
LANDS DEPARTMENT AT 24.3.92

Plan Drawing only to appear in this space



OFFICE USE ONLY

DP 827434

Registered: 27-7-1973

C.A. No. 18192 OF 9.6.1992

Title System: TORRENS

Purpose: SUBDIVISION

Ref. Map: SYDNEY SH1 101

Last Plan: D.P. 545500 DP 233350

PLAN OF SUBDIVISION OF
LOT 2 DP 545500 (RESIDUE)
PETER ROAD WIDENING

Lengths are in metres. Reduction Ratio 1:600

Man./Shire
City SYDNEY

Locality: PYRMONT

Parish: ST. ANDREWS

County: CUMBERLAND

This is sheet 1 of my plan in 2 sheets.

4 MARTIN PER NUMBY
of PRINCE, DUNLOP & CO. PTY. LTD. STONEY
a surveyor registered under the Surveyors Act, 1928, 44
amended, hereby certify that the survey represented in this
plan was made in accordance with the provisions of the
Surveyors Act, 1928, 44 amended, and that the survey was
made in accordance with the provisions of the Surveyors Act,
1928, 44 amended, and that the survey was made in accordance
with the provisions of the Surveyors Act, 1928, 44 amended.
Signed: [Signature]
Witness: [Signature]
Place used in preparation of survey/compilation:
D.P.S. 57416
57416
515500
515500
734422
803161

PANEL FOR USE ONLY for statements of intention
to dedicate public roads, to create public reserves,
drainage reserves, easements, restrictions on the
use of land or positive covenants.
PUSANT TO SECTION 88(5) OF THE
CONVEYANCING ACT 1919-1964, IT IS
INTENDED TO CREATE:
1. RIGHT OF CARRIAGEWAY 4 WIDE & VAR. WIDTH.

DP 827434

Registered: 27-7-1973

This is sheet 2 of the plan of 2 acres shown on plan of 27-7-1973

Surveyor registered under Surveyors Act 1929

This is sheet 2 of the plan of 2 acres shown on plan of 27-7-1973

Acting Town Engineer

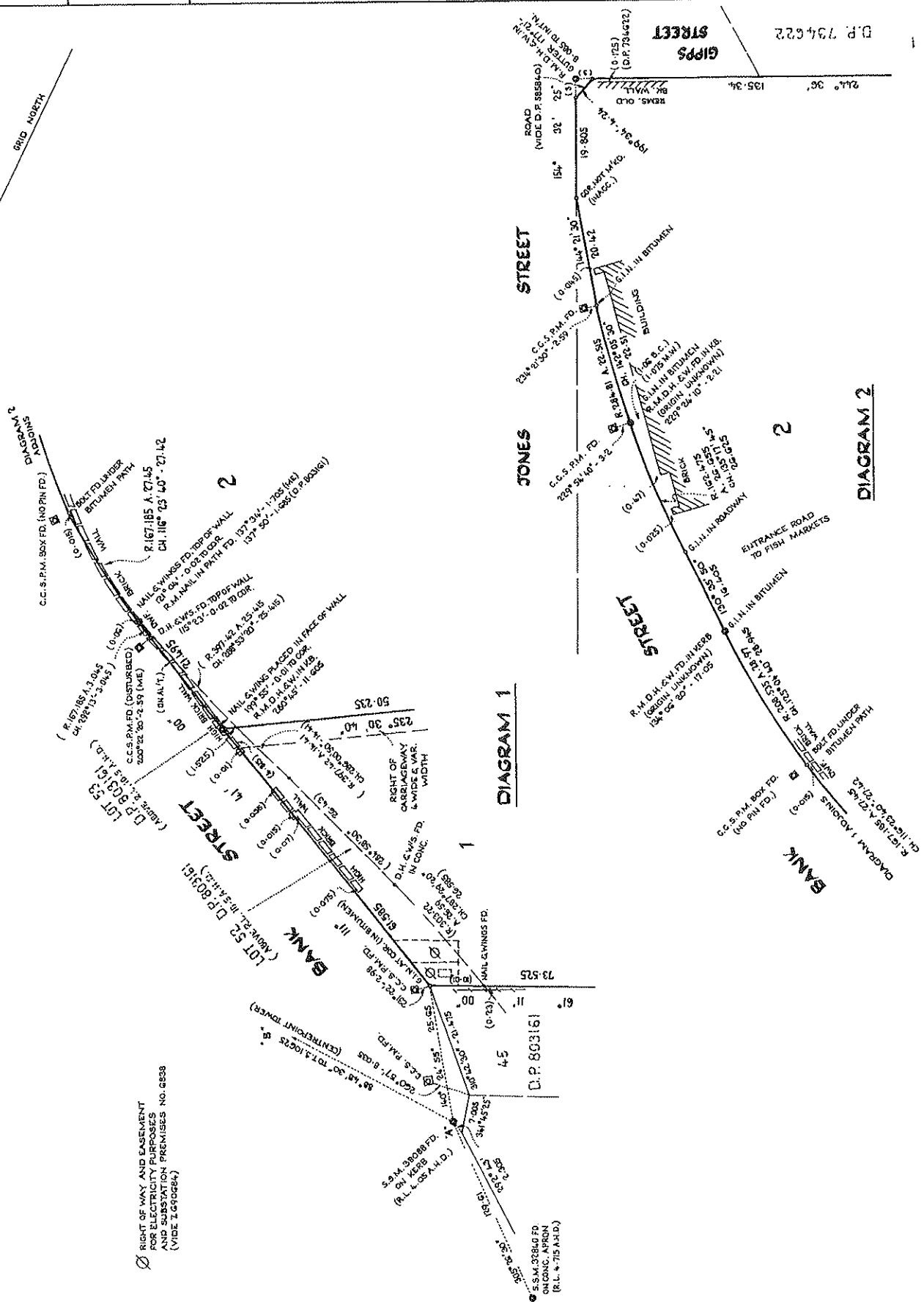
For use where space is insufficient in any panel on Plan Form 2

W.D. BAKER
DEPUTY CHAIRMAN

A.A. SAEPPER
SECRETARY



Handwritten signature and initials.



Plan Drawing only to appear in this space

Reduction Ratio 1:500

SURVEYOR'S REFERENCE: 9540 CHECK LIST

B97
/Reg: B567182
/Doc: CT 12073-250
/Prt: 21-May-2010

NEW SOUTH WALES

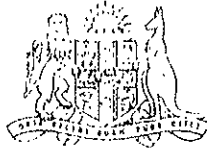


CERTIFICATE OF TITLE

REAL PROPERTY ACT 1900

Appln. No. 45651 (part)

Prior Title Vol. 10843 Fol. 196



Vol



12073250

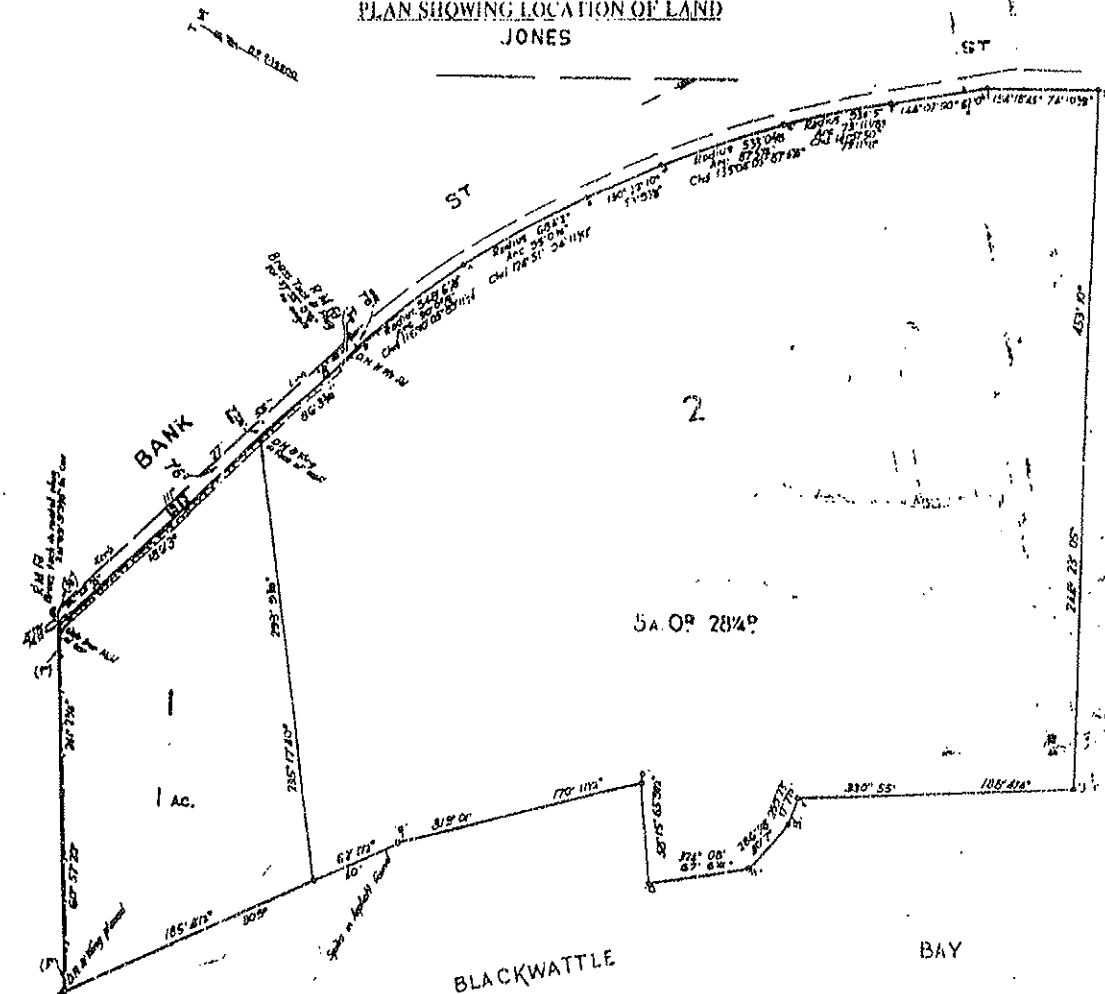
Edition Issued 23-3-1973

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

J. J. J. J.
Registrar General.



PLAN SHOWING LOCATION OF LAND JONES



WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM THE LAND TILES OFFICE.

ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 2 in Deposited Plan 545500 at Pyrmont in the City of Sydney Parish of St. Andrew and County of Cumberland being part of 135 acres granted to John Harris on 1-1-1806 part of 3 acres 2 roods 21 1/2 perches granted by Crown Grant Volume 819 Folio 200 and part of 30 1/2 perches granted by Crown Grant Volume 2088 Folio 91. EXCEPTING THEREOUT the mines of coal reserved by Crown Grant Volume 819 Folio 200 and the minerals reserved by Crown Grant Volume 2088 Folio 91.

FIRST SCHEDULE

FISH MARKETING AUTHORITY.

SECOND SCHEDULE

1. Reservations and conditions, if any, contained in the Crown Grants above referred to.
2. Mortgage No. 150555 of part of the land above described formerly comprised in Certificates of Title Volume 2088 Folio 91, Volume 3552 Folio 17, Volume 3614 Folio 199 and Volume 6874 Folio 250 to The Shell Company of Australia Limited. Entered 13-11-1965. Discharged Nil.
3. Mortgage Deed Book 276 No. 416 of the part of the land above described comprised in Application No. 45651 to The Shell Company of Australia Limited. Cancelled N720408
4. Mortgage No. 1661428 of the part of the land above described formerly comprised in Certificates of Title Volume 2088 Folio 91, Volume 3552 Folio 17, Volume 3614 Folio 199 and Volume 6874 Folio 250 to Rural Bank of New South Wales. Entered 8-3-1967.
5. Mortgage No. 187144 of part of the land above described comprised in Application No. 45651 to Rural Bank of New South Wales. Entered 22-7-1968.

J. J. J. J.
Registrar General



21082:275(31)

LAND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED.

THE UNIVERSITY OF CHICAGO PRESS

The land above described is cancelled as regards the interest of the Council of Sydney in DP 585840 Sea Lot



REGISTERED PROPRIETOR
 THE LAND ABOVE DESCRIBED IS CANCELLED AS REGARDS THE
 INTEREST OF THE COUNCIL OF SYDNEY IN DP 585840 500 LOT
 1 IN DP 836351

1010 CANCELLED - NEW FOLIO IS 27 545500

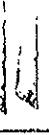
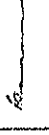
B

SECOND SCHEDULE (continued)					
INSTRUMENT NUMBER		PARTICULARS	ENTERED	Signature of Registrar General	CANCELLATION
NATURE	DATE				
Lease 2-2-5-11-0	NA 342387	15-10-1973 of Substation Premises NO 2174 (together with Rights) to the Sydney County Council	17-9-1973	<i>Lawson</i>	
Lease 2-2-5-11-0	P546075	as regards Lot 4 in Deposited Plan 240959 and together with 20 in Deposited Plan 247290, together with and reserving rights to James Produce Pty. Limited.	14-3-1976	<i>Lawson</i>	Surrendered S791788.
Lease 2-2-5-11-0	P546077	as regards Lot 26 in Deposited Plan 247290, together with and reserving rights to Antonio Melloni of Brighton-Le-Sands Fishmonger and Gemello-Puollo, his wife.	11-3-1976	<i>Lawson</i>	Surrendered R302098
Lease 2-2-5-11-0	P571547	as regards Lots 41 and 42 in Deposited Plan 240959, together with and reserving rights to Sydney Fisheries Pty. Limited.	14-3-1976	<i>Lawson</i>	Surrendered Y602528
Lease 2-2-5-11-0	P650402	as regards Lot 19 in Deposited Plan No. 240959, together with and reserving rights to Demetrios Papadimos and Sylvia Papadimos both of Sans Souci, Gauteen Property Pty. Limited.	30-3-1976	<i>Lawson</i>	Surrendered S66191
Lease 2-2-5-11-0	P623358	as regards Lot 20 in Deposited Plan 240959, together with and reserving rights, to Giuseppe Musumeci of Botany Fishmonger and Maddalena Musumeci his wife.	25-5-1976	<i>Lawson</i>	
Lease 2-2-5-11-0		the interests of the Council of the City of Sydney in the existing road shown on D.P. 585840	19-10-1976	<i>Lawson</i>	

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

The Undermentioned Leases Comprise part of the "SYDNEY FISH MARKET SITE."

TOGETHER WITH AND RESERVING RIGHTS.

INSTRUMENT		Lot No.	Deposited Plan.	LESSEES	DATE OF EXPIRY	ENTERED	Signature of Registrar General	CANCELLATION
NUMBER	DATE							
Lease	2873387	3.	240959	to M. Stephenson Pty. Ltd.	30-9-1989.	25-10-1976.		V891731
Lease	240959	4.	240959	to Nicholas Seafoods Pty. Limited.	9-5-1989.	10-10-1977.		
Lease	R302099	26.	247390	to Nick Vincent Ruello of Wahroonga, Fishmonger and Judith Helen Ruello, his wife.	31-7-1992.	2-7-1979.		
Lease	R499279	29.	247390.	to Vince Musumeci, Michael Musumeci, Rocco Musumeci and Giuseppe Musumeci, all of Maroubra Bay, Business Partners, as joint tenants.	31-7-1994.	21-1-1980.		
Lease	S66189	19.	240959	to Demetrios Papadimos and Michael Papadimos, both of Sans Souci, Business Partners, as tenants in common.	30-11-1984	28-10-1980		
Lease	S206565	10.	240959.	to Bayle's Seafoods Pty. Ltd.	30-6-1989	16-1-1981		
Lease	S206567	2.	240959	to Noel Joseph Arena, Frances Josephine Arena and John Anthony Arena all of Kingsford as tenants in common together with option of renewal.	30-10-1980	16-1-1981		
Lease	S147266	30.	247390.	to Australian Food Distributors Pty. Limited.	29-2-1984.	4-11-1981.		Expired 8-3-1982.
Lease	S791706	28.	247390.	to James Produce Pty. Limited.	31-5-1981.	18-11-1981.		
Lease	S800084	28.	247390.	to Nick Vincent Ruello and Judith Helen Ruello, as joint tenants, together with an option of renewal.	9-10-1988.	7-12-1981.		
Lease	S356094	28.	247390.	to George Costi, Andronia Costi, Harry Demetrios and Helen Demetrios as tenants in common. Together with option of renewal.	31-5-1989.	9-3-1982.		
Lease	T166	5 & Part 5	240959	to Poulos Bros (Wholesale) Pty. Limited together with option of renewal.	20-7-1990	14-5-1982.		
Lease	R302079	28.	247390.	to Harry Demetrios and Helen Demetrios and George Costi and Andronia Costi as joint tenants, together with an option of renewal.	20-7-1990	14-5-1982.		
Lease	R302089	28.	247390.	to Commonwealth Banking Company of Sydney Limited Registered 28-5-1982.	20-7-1990	14-5-1982.		
Lease	S499279	28.	247390.	to George Costi, Andronia Costi, Harry Demetrios and Helen Demetrios as tenants in common. Together with option of renewal.	20-7-1990	14-5-1982.		
Lease	S499279	28.	247390.	to George Costi, Andronia Costi, Harry Demetrios and Helen Demetrios as tenants in common. Together with option of renewal.	20-7-1990	14-5-1982.		
Lease	T166	5 & Part 5	240959	to Poulos Bros (Wholesale) Pty. Limited together with option of renewal.	20-7-1990	14-5-1982.		

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

10.8.77
 R302089
 1479279
 30.8.80
 566.89/90
 5791706
 59553458
 1766
 10.8.82
 0122

WITH AND RESERVING RIGHTS

DATE
30-5-82

/Reg: B567189
/Doc: CT 10843-196
/Prt: 21-May-2010

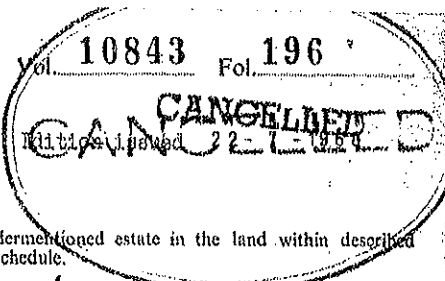
B97

NEW SOUTH WALES

Application No. 45651 (part)
Prior Titles Volume 2088 Folio 91
Volume 3552 Folio 17
Volume 3614 Folio 199
Volume 6871 Folio 250

CERTIFICATE OF TITLE

PROPERTY ACT, 1900, as amended.



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

Witness *M. Flint*

J. Watson
Registrar General.

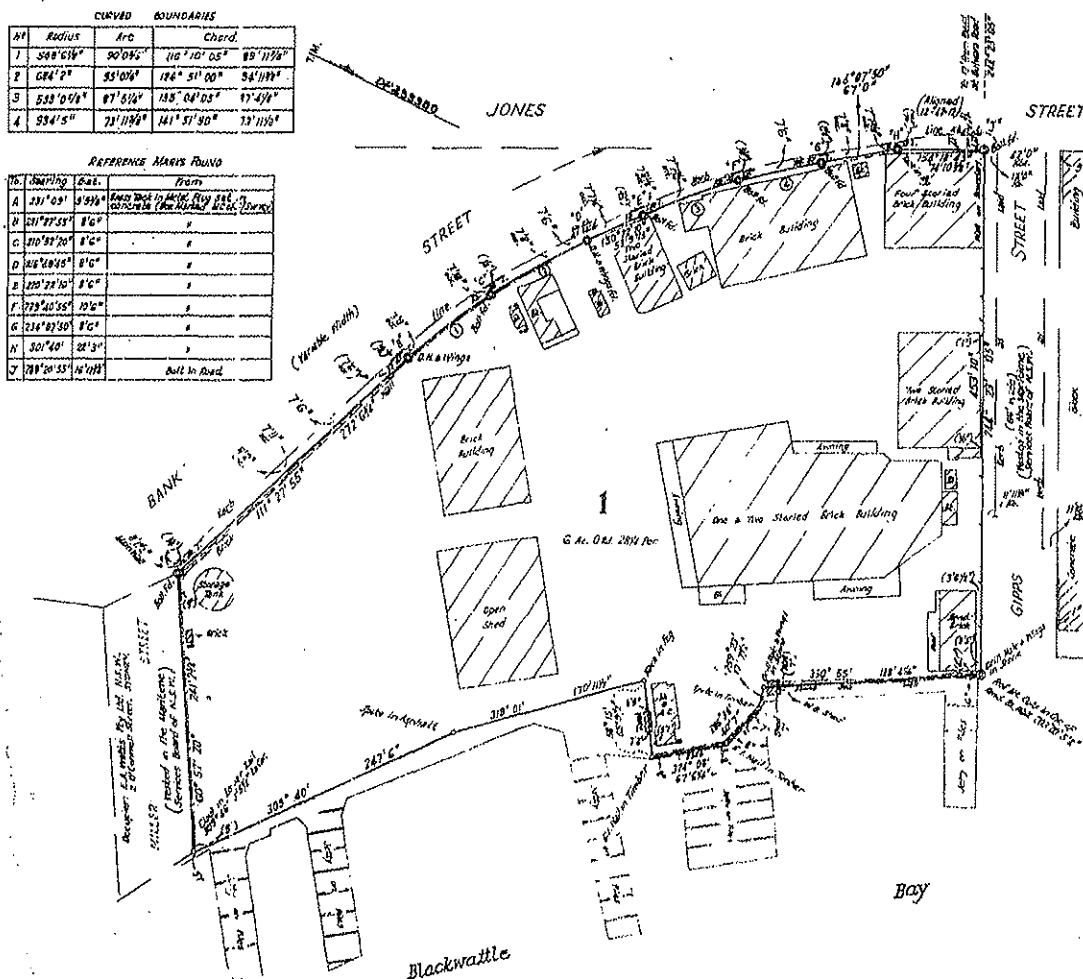


PLAN SHOWING LOCATION OF LAND

(Page 1) Vo

CURVED BOUNDARIES			
At	Radius	Arc	Chord
1	508' 6 1/2"	90° 09' 5"	110' 10' 05" 89' 11 1/2"
2	684' 1"	55' 09' 4"	126' 51' 00" 54' 11 1/2"
3	513' 0 1/2"	87' 5 1/2"	135' 04' 05" 17' 4 1/2"
4	584' 5"	71' 11 1/2"	141' 51' 30" 73' 11 1/2"

REFERENCE MARKS FOUND		
No.	Description	From
A	231' 09" 1998	From back of lot 1, 1998
B	210' 27' 54" 1998	"
C	210' 27' 54" 1998	"
D	210' 27' 54" 1998	"
E	210' 27' 54" 1998	"
F	210' 27' 54" 1998	"
G	210' 27' 54" 1998	"
H	210' 27' 54" 1998	"
I	210' 27' 54" 1998	"
J	210' 27' 54" 1998	"
K	210' 27' 54" 1998	"
L	210' 27' 54" 1998	"
M	210' 27' 54" 1998	"
N	210' 27' 54" 1998	"
O	210' 27' 54" 1998	"
P	210' 27' 54" 1998	"
Q	210' 27' 54" 1998	"
R	210' 27' 54" 1998	"
S	210' 27' 54" 1998	"
T	210' 27' 54" 1998	"
U	210' 27' 54" 1998	"
V	210' 27' 54" 1998	"
W	210' 27' 54" 1998	"
X	210' 27' 54" 1998	"
Y	210' 27' 54" 1998	"
Z	210' 27' 54" 1998	"



Blackwattle

ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 1 in Deposited Plan 233350 at Pyrmont in the City of Sydney Parish of St. Andrew and County of Cumberland being part of 135 acres granted to John Harris on 1-1-1806 and being 3 acres 2 roods 21 1/2 perches granted by Crown Grant Volume 819 Folio 200 and 30 1/2 perches granted by Crown Grant Volume 2088 Folio 91. EXCEPTING THEREOUT the mines of coal reserved by Crown Grant Volume 819 Folio 200 and the minerals reserved by Crown Grant Volume 2088 Folio 91.

FIRST SCHEDULE (continued overleaf)

THE NEW SOUTH WALES LAND AUTHORITY.

SECOND SCHEDULE (continued overleaf)

- Reservations and conditions, if any, contained in the Crown Grants above referred to.
- ~~Covenant created by Trust Deed No. K150554 as to part. Released M228061~~
- Mortgage No. K150553 of part of the land above described formerly comprised in Certificates of Title Volume 2088 Folio 91, Volume 3552 Folio 17, Volume 3614 Folio 199 and Volume 6871 Folio 250 to The Shell Company of Australia Limited. Entered 15-11-1965.
- ~~Covenant contained in Deed No. K150554 as to part. Released M228062~~
- Mortgage Deed Book 2766 No. 415 of the part of the land above described comprised in Application No. 45651 to The Shell Company of Australia Limited.
- Mortgage No. K661423 as to part of the land above described formerly comprised in Certificates of Title Volume 2088 Folio 91, Volume 3552 Folio 17, Volume 3614 Folio 199 and Volume 6871 Folio 250 to Rural Bank of New South Wales. Entered 8-5-1967.

J. Watson
Registrar General.

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

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR	NATURE	INSTRUMENT		ENTERED	Signature of Registrar-General
		NUMBER	DATE		
 Fish Marketing Authority Fleet Owners Pty Limited as regards Lot 1 in D.P. 58500 and Fish Marketing Authority as regards No residue.	Application	M797957	22-2-1973	15-2-1973	J. J. Seward
This deed is cancelled as to <u>entire</u> <u>23-3-1973</u> New Certificates of title have been issued on for lots in <u>Deposited Plan No. 545500</u> as follows: <u>Lots 1 & 2 Vol 12013 Folios 49 & 50 respectively.</u>	Transfer	M197633	8-3-1971	15-2-1973	J. J. Seward
					
					
					REGISTRAR GENERAL

This deed is cancelled as to in file 23-3-1973
New Certificates of Title have issued on
for lots in deposited Plan No. 51-5500 as follows:-
lots 1-42 Vol 12073 folios 49-50 respectively.



Lawrence

SECOND SCHEDULE (continued)

[illegible]

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

-18 1900/33

State of New South Wales

Land Grant
Register Book
Vol. 1st

2088 91

Grant of Land



Under the Crown Lands Acts of 1884 and 1896

George V by the Grace of God of the United Kingdom
of Great Britain and Ireland and of the British Dominions
beyond the Seas King Defender of the Faith Emperor of India

To all to whom these Presents shall come Greeting:

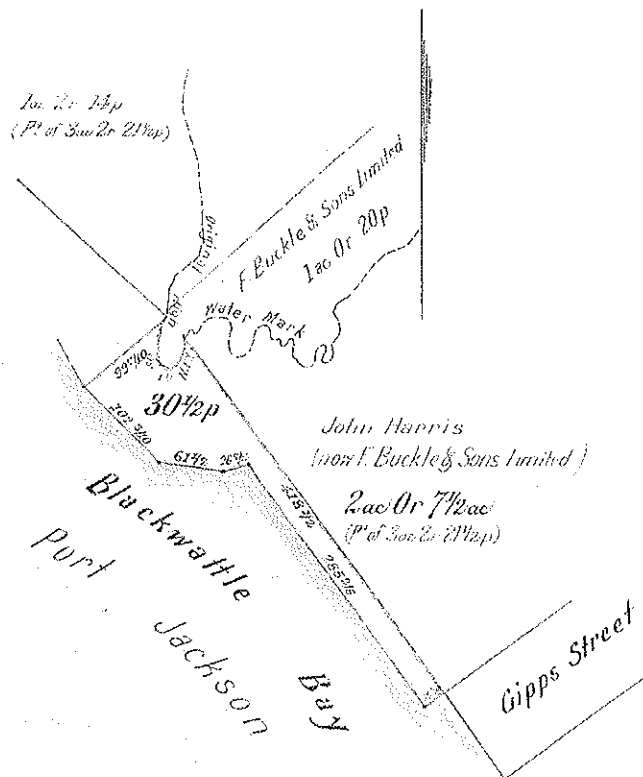
Whereas on or about the fifth day of February one thousand eight hundred and ninety two the English, Scottish and
Australian Bank Limited then being the owner of one acre twenty perches and five acres seven perches and one half of a perch of land in
the Parish of St Andrew County of Cumberland on the fringe of which the land hereinafter described and intended to be hereby granted
is situated duty was applied for and paid under the 4th Section of the Crown Lands Act of 1884 an area of thirty
perches and one half of a perch hereinafter described and intended to be hereby granted forming part of the lot or share of the Port as
defined by the Sydney Harbour Trust Act 1892 which application was on the seventh day of October one thousand nine hundred and
nine approved by the Governor and Executive Council of our State of New South Wales in the name of James Cocke and the sum of
Three hundred and twenty pounds being the appraised price of the said thirty perches and one half of a perch hereinafter described
and intended to be hereby granted as determined by appraisement as by law required was on the first day of January one thousand one
hundred and nine paid into the Treasury of our said State **and whereas** J. Cocke and J. Smith hereinafter called the said
company is one the owner in fee simple of the said area of one acre twenty perches and five acres seven perches and one half of a perch
in the fringe of which the land hereinafter described is situated **and whereas** all things necessary under the provisions of
Section 44 of the Crown Lands Act of 1884 and Section 24 of the Crown Lands Act of 1896 and otherwise required by law have
been done to authorize the issuing of this grant in manner hereinafter appearing **Now know ye** that for and in
consideration of the said sum of Three hundred and twenty pounds paid on behalf well and truly paid into the
Treasury of our said State the with the advice of our Executive Council of our said State have granted and for us our
Heirs and Successors do hereby grant unto the said company and its assigns to hold as hereinafter mentioned subject to the
several and respective provisions, conditions hereinafter mentioned **ALL** that piece or parcel of land in our said
State containing by admeasurement thirty perches and one half of a perch to be the same more or less situated in the County of
Cumberland Parish of St Andrew at Agincourt near Sydney near the North Western side of Lyffe Street commencing on the
original High Water Mark of Blackwattle Bay Port Jackson which High Water mark forms the boundary of one acre twenty
perches the property of J. Cocke and J. Smith limited at the Western corner of two acres seven perches and one half of a perch purchased by
John Harris under the 4th Section of the Crown Lands Act of 1884 and now the property of J. Cocke and J. Smith limited
and which two acres seven perches and one half of a perch forms part of three acres seven perches and one half of a perch
purchased by the said John Harris under the 4th Section aforesaid and bounded thereon to the North East by the South Western
boundary of that two acres seven perches and one half of a perch bearing South West by South eighty eight degrees four
minutes eighteen inches and one half of a inch to the South East by a line bearing South fifty four degrees fifty eight minutes thirty
four inches and one tenth of a inch to the South West against to the South East to the South and again to the South West by a line

bearing herth. thirty eight degrees twenty one minutes that is to say eighty four fathoms and two fifties of a fath. South forty two
degrees fifty nine minutes that twenty two fathoms and seven tenths of a fath. North eighty two degrees forty six minutes that forty one fathoms and
one half of a fath and three fath. forty five degrees twelve minutes that one chain four fathoms and three tenths of a fath. as the vessel
by a line bearing North. forty eight degrees fifty one minutes East nearly one fath. and seven tenths of a fath. to the aforesaid High Water mark.
and on all other sides by that High Water Mark bearing South forty two degrees and three fath. East nearly to the point of commencement as for
than before. With all the Rights and Appurtenances whatsoever thereto belonging. **And** it is hereby declared that the said Company and its assigns
for ever Hereditably nevertheless **and** it is hereby declared that the said Company assigns unto its heirs and Successors and to the
Governor for the time being of our said State full power and authority to resume for public purposes by a Proclamation to be published in
the Government Gazette the land hereby granted or any portion thereof in or upon such Proclamation the land so resumed shall vest in us
our heirs and Successors free and discharged from all private rights interests titles and claims and no other compensation shall be
payable than the value of any improvements upon the land resumed effected with the written approval of the Minister for Lands
past had and obtained together with a repayment of the purchase money and of the cost of reclamation on the land so resumed be
a portion only of the land reclaimed and hereby granted. As a fair proportion of such purchase money and cost as aforesaid. **And** the
said Company further reserve unto its heirs and Successors all Minerals which may be contained in or under the said land
Provided further **and** the said Company reserve unto its heirs and Successors and to the Governor for the time being of our said
State by such power or powers as shall be by its Heirs or Heirs authorized in that behalf full power to make and conduct
through in under upon or over the said land or any portion thereof all common or public drains and sewers which may be
damned or found and also the right of full and free ingress egress and regress on foot and under the said land for the several
purposes aforesaid or any of them. **Provided nevertheless** **and** it is hereby declared that goods merchandise and things in respect
of which the aforesaid notes would have been payable had the vessel and boat aforesaid rested in the Sydney Harbour had been removed
shutbolted unshipped from or shipped on any land landed or moved at the land hereby granted or in company shipped from or
unshipped on to over or across the land hereby granted unless the previous consent in writing of the said Commissioners shall have
been obtained. **Provided further** and it is hereby declared that this our Grant is subject to a condition that the said
Company and its assigns shall at all times heretofore maintain and keep in a good and substantial state of repair the Sawmill
erected in the land hereby granted to the satisfaction of the Sydney Harbour Trust Commissioners so as to protect the said land from
injury. **Provided** that on breach or non-compliance of any of the above conditions the said land hereby granted shall be forfeited
and immediately revert to its heirs and Successors and therefore this our Grant shall be null and void. **And** the
said Company shall have caused this our Grant to be noted with the Seal of our said State.

Witness Our Right Trusty and Well Beloved
 Servant John Baptist Brown Reisinger, Knight Commander of
 Our Most Technischer Order of Saint Michael and Saint George,
 our Governor of our State of New South Wales and its Dependencies
 in the Commonwealth of Australia at Sydney in New South Wales
 this ~~seventh~~ ^{fourth} day of September in the first year of
 Our Majesty in the year of our Lord one thousand nine hundred and

2088-91

Plan referred to



Scale 100 feet to an inch

Recorded and enrolled in the Registrar General's Office at Sydney on the South Coast New South Wales
day of September 1910

Wills

[Signature]
Deputy Registrar General

No. 658712. Lease dated 17th May 1911
from the said J. Buckle and Sons Limited to the British
Imperial Oil Company Limited of the land
within described as being the Right of Way
between the said J. Buckle and Sons Limited
and the said British Imperial Oil Company Limited
Produced and entered 17th May 1911
at 10 o'clock in the forenoon

SURRENDER of the within Lease No. 658712
dated 17th May 1911. Produced and entered
at 10 o'clock in the forenoon
1911
[Signature]
REGISTERED GENERAL

No. A 31216. Lease dated 17th November 1911
from the said J. Buckle and Sons Limited to the
British Imperial Oil Company Limited of the land
within described as being the Right of Way
between the said J. Buckle and Sons Limited
and the said British Imperial Oil Company Limited
Produced and entered 17th November 1911
at 10 o'clock in the forenoon

No. A 32245. TRANSFER dated 22nd December 1911
from the said J. Buckle and Sons Limited to the
British Imperial Oil Company Limited of the land
within described as being the Right of Way
between the said J. Buckle and Sons Limited
and the said British Imperial Oil Company Limited
Produced and entered 22nd December 1911
at 10 o'clock in the forenoon

No. 22249. TRANSFER dated 22nd December 1911
from the said J. Buckle and Sons Limited to the
British Imperial Oil Company Limited of the land
within described as being the Right of Way
between the said J. Buckle and Sons Limited
and the said British Imperial Oil Company Limited
Produced and entered 22nd December 1911
at 10 o'clock in the forenoon

The within mentioned LEASE No. A 31216
has expired by effluxion of time.
Dated 1st May 1912. Vide 1912/125
[Signature]
REGISTERED GENERAL

The term for which the right of way created by Transfer No.
A 32245 was granted, has expired

Dated 1st May 1912

Vide 1912/125

[Signature]
REGISTERED GENERAL

No. 658712. TRANSFER dated 17th May 1911
from the said J. Buckle and Sons Limited to the
British Imperial Oil Company Limited of the land
within described as being the Right of Way
between the said J. Buckle and Sons Limited
and the said British Imperial Oil Company Limited
Produced and entered 17th May 1911
at 10 o'clock in the forenoon
[Signature]
REGISTERED GENERAL

[Signature]
Deputy Registrar General

No within Transfer No. 1912/125
entered 1st May 1912

No. 22249. TRANSFER dated 22nd December 1911
from the said J. Buckle and Sons Limited to the
British Imperial Oil Company Limited of the land
within described as being the Right of Way
between the said J. Buckle and Sons Limited
and the said British Imperial Oil Company Limited
Produced and entered 22nd December 1911
at 10 o'clock in the forenoon
[Signature]
REGISTERED GENERAL

No. 22249. TRANSFER dated 22nd December 1911
from the said J. Buckle and Sons Limited to the
British Imperial Oil Company Limited of the land
within described as being the Right of Way
between the said J. Buckle and Sons Limited
and the said British Imperial Oil Company Limited
Produced and entered 22nd December 1911
at 10 o'clock in the forenoon
[Signature]
REGISTERED GENERAL

This deed is executed in the presence of
New Registrar of the Land Office at Sydney
on the 1st day of May 1912

[Signature]
Deputy Registrar General

410761
410762

Deputy Registrar General

Appn. No. _____
Reference to *last Certificate* _____
Vol. *1232* Fol. *1111* _____

New South Wales.



1792-32
[CERTIFICATE OF TITLE.]

REGISTER BOOK,
Vol. *3552* Fol. *17* _____

CANCELLED
CANCELLED

A. Buckle & Sons Limited Transfers under Foreclosure of Mortgage from *A. Buckle and Sons* Limited its Assignees to *A. Buckle & Sons Limited* as for mortgage
subject nevertheless to the reservations and conditions, if any, contained in the Grant hereinafter referred to, and also subject to such encumbrances, liens, and interests, as are notified hereon, in *that* piece of land situated at *Ullswater* in the *City of Sydney* Parish of *St Andrew*, and County of *New South Wales* containing *Two acres seven roods one half rood*, or thereabouts, as shown in the Plan hereon and therein edged red, being delineated in the public map of the said land in the Department of Lands originally granted to *John Howard* by *James Grant* dated the fifteenth day of *December* one thousand eight hundred and eighty six registered in the Land Office under *Deposited Volume 117 Folio 100*

In witness whereof I have hereunto signed my name and affixed my Seal, this

22nd day of *January* 19*09*

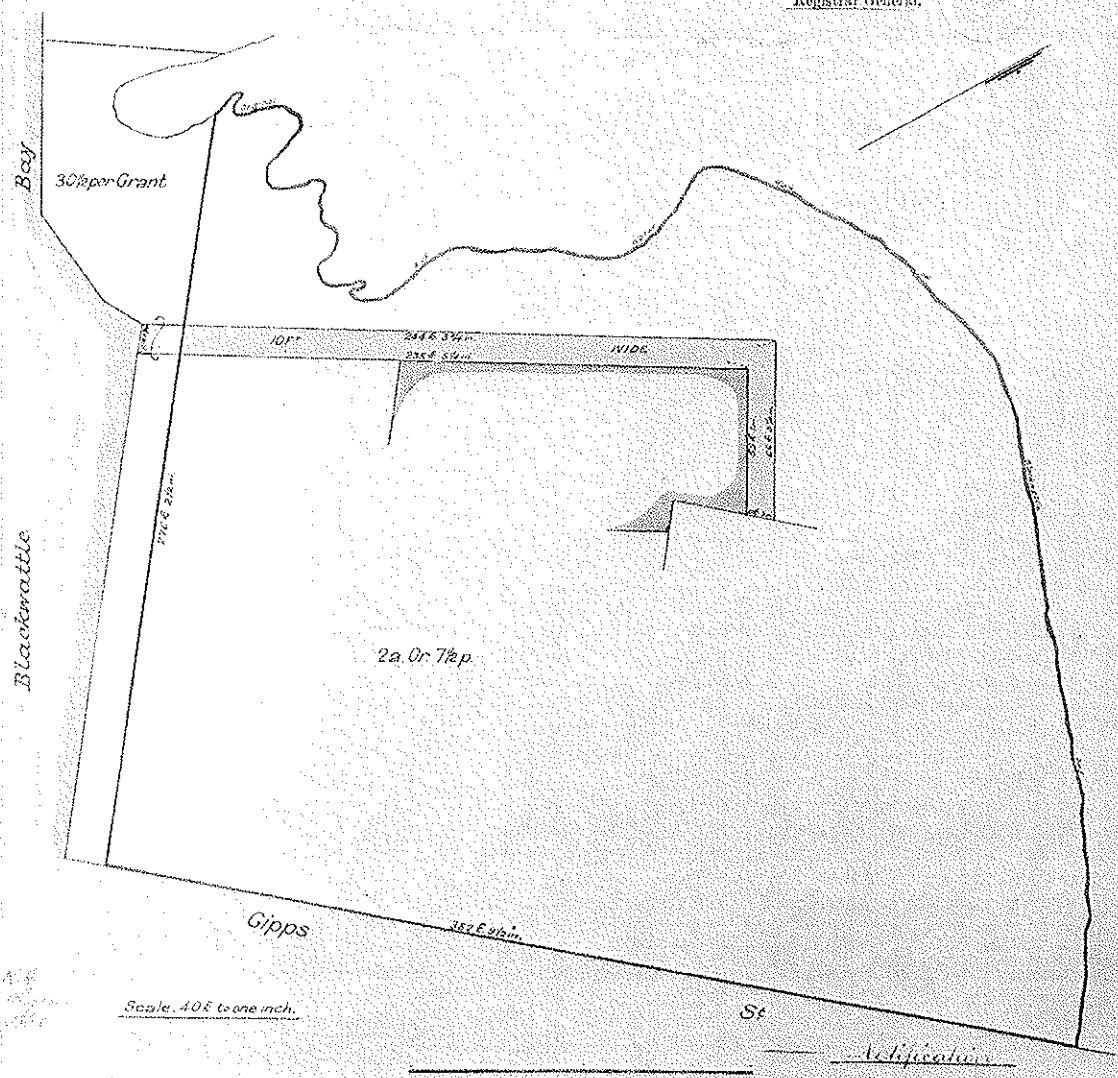
Signed in the presence of

A. J. Henry

}

A. J. Henry

Registrar General.



Verification referred to
The within mentioned Lease No. 155554
has expired by effluxion of time.

W. H. Johnson
Registrar General

155554 Lease dated 2nd day of November 1917
from the said E. Buckle & Sons Limited to the said
The Shell Company of Australia Limited
and entered the 11th day of November 1917 and
entered the 11th day of November 1917 at 10 o'clock in
the forenoon.

W. H. Johnson
Registrar General

155554 Lease of 1000 sq. ft. of land at
the said E. Buckle & Sons Limited to the said
The Shell Company of Australia Limited
and entered the 11th day of November 1917 and
entered the 11th day of November 1917 at 10 o'clock in
the forenoon.

W. H. Johnson
Registrar General

The within mentioned LEASE No. 155554
has expired by effluxion of time.
Dated 1st May 1920
Vide 155554
W. H. Johnson
REGISTRAR GENERAL

The term for which the right of way created by Transfer No. 155554
was granted has expired.
Dated 1st May 1920
Vide 155554
W. H. Johnson
Registrar General

No. 155554 TRANSFER dated 2nd March 1920
from the said E. Buckle & Sons Limited (liquidation) to
The Shell Company of Australia Limited
of the land within described
Produced 8th April 1920 and entered 1st May 1920
at 10 o'clock in the forenoon.
W. H. Johnson
REGISTRAR GENERAL

The above Lease, being a lease of land,
has expired by effluxion of time.
Dated 1st May 1920
Vide 155554
W. H. Johnson
Registrar General

The within Lease, being a lease of land,
has expired by effluxion of time.
Dated 1st May 1920
Vide 155554
W. H. Johnson
Registrar General

No. 155554 MORTGAGE dated 2nd March 1920
to The Shell Company of Australia Limited
Entered 1st May 1920
W. H. Johnson
REGISTRAR GENERAL

No. 155554 MORTGAGE dated 2nd March 1920
to The Shell Company of Australia Limited
Entered 1st May 1920
W. H. Johnson
REGISTRAR GENERAL

This deed is entered as is The 1st June
New Certificate of Title No. 155554
has been entered in the Register
Dated 1st May 1920
W. H. Johnson
REGISTRAR GENERAL

Imitation

This deed is cancelled as to 64-10815
New Certificate of Title have been issued on 297 (4)
for lot in SHSHPD map No. 3350, at full cost
of \$1000.00 vs. 1000.00 in 196

John

[illegible]

REGISTER BOOK,
Vol. 1232 Folio 144

In Witness

In Witness whereof I have hereunto signed my name and affixed my Seal, this
tenth day of June 1865, at New Brunswick, New Jersey, and my name is hereunto signed _____

Signed the 12 days of Feb. 1897
and the presence of the 12th day

W. C. C.

Adj. Genl. H. H. H. H. H.

Notification referred to

Amongst the resolutions and conditions contained in the Treaty above referred to are the following amongst others:

Resolutions of the Allies of 1918

84 Rock

Deputy Registrar General

1825594. Lewis dated his "Observations of some Old
Preserved and preserved and nearly some forms
John Lewis in Michael Street of Cambridge University
of the land partly described particular and entered in
this book the twenty second day of June 1825
Lewis and eight hundred and eighty seven and
this date in the afternoon

10/10/10

Wagdy Haggan Gouda

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[illegible]

105610

The within Lease No. 2343, being
extended by 255! 0Sfr w; 5. Tf q. 3119! 0Tut; PL/ PL! 0Gsu; 37. Nbz. 3121! 23; 6! 0Cht; BMM 0Tfr; 3! pg! 5
non-payment of rent, the
lease is cancelled. Dated 11th July 1915

Not Reliance
Registrar General

No. 2343. TRANSFER dated 11th July 1915
from the said *2. Bueble and Sons Limited (Liquidators)*
to *H. Bueble and Sons Limited (Liquidators)*
of the land within described
Produced and entered 11th July 1915
at 12 o'clock in the noon.
Cancelled & Certificate
of Title Issued
Vol. 116 For 177
Not Reliance
REGISTRAR GENERAL

No. 2343. Lease dated 11th July 1915
from the said *H. Bueble and Sons Limited* to
H. Bueble and Sons Limited (Liquidators)
of the land within described
Produced and entered 11th July 1915
at 12 o'clock in the noon.
Not Reliance
REGISTRAR GENERAL

No. 2343. of the within Lease No. 2343
Produced and entered 11th July 1915
at 12 o'clock in the noon.
Not Reliance
REGISTRAR GENERAL

No. 2343. Lease dated 11th July 1915
from the said *H. Bueble and Sons Limited* to
H. Bueble and Sons Limited (Liquidators)
of the land within described
Produced and entered 11th July 1915
at 12 o'clock in the noon.
Not Reliance
REGISTRAR GENERAL

No. 2343. TRANSFER dated 11th July 1915
from the said *H. Bueble and Sons Limited*
to *H. Bueble and Sons Limited (Liquidators)*
of the land within described
Produced and entered 11th July 1915
at 12 o'clock in the noon.
Not Reliance
REGISTRAR GENERAL

No. 2343. SURRENDER of the within Lease
No. 2343 dated 11th July 1915
Produced and entered 11th July 1915
at 12 o'clock in the noon.
Not Reliance
REGISTRAR GENERAL

No. 2343. TRANSFER dated 11th July 1915
from the said *H. Bueble and Sons Limited*
to *H. Bueble and Sons Limited (Liquidators)*
of the land within described
Produced and entered 11th July 1915
at 12 o'clock in the noon.
Cancelled & Certificate
of Title Issued
Vol. 116 For 177
Not Reliance
REGISTRAR GENERAL

Bay

Reclaimed Land

1' 2' 14"

259 ft



Blackwattle

216 ft 0 in

Scale 40 feet to an inch

HIGH

WATER

WATER

2^a 0' 7¹/₂"

362 ft 0 in

Gipps

St.

Total area included in certificate
All land shown hereon is in the
State of Victoria

202

Primary Appa. No.
 Reference to Last Title
 Vol. 6748 Fol. 59

New South Wales.

[CERTIFICATE OF TITLE.]



CANCELLED
 REGISTER BOOK
 Vol. 6817 Fol. 250
 Issued on Transfer No. 66575
 27/24466

GILBERT THORNE SECCOMBE, of Liverpool, Civil Engineer, is now the proprietor of an Estate in Fee Simple,
 subject nevertheless to the reservations and conditions, if any, contained in the Grant hereinafter referred to, and also subject to such encumbrances,
 liens, and interests as are notified hereon, in That piece of land situated
 in the Municipality of Liverpool Parish of St. Luke, and County of Cumberland
 shown in the plan hereon and therein edged red being Lot 27 in Deposited Plan No. 24466 and being part of Portion 347
 granted on 9th December 1924 by Crown Grant Volume 3678 Folio 55.
 EXCEPTING THEREOUT the minerals reserved by the Crown Grant.

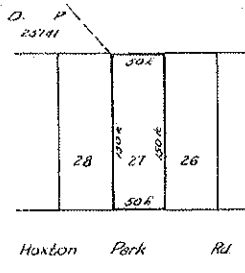
In witness whereof I have hereunto signed my name and affixed my Seal, this

Third day of June, 1954.

Signed in the presence of

E. J. Joynton.

J. H. Pells
 Registrar-General.



Area: 27 1/2 per

Size: 100 feet to one inch

NOTIFICATION REFERRED TO

Covenant contained in Transfer No. 66575.

J. H. Pells
 Registrar-General.



Mortgage No. 66576 dated 22nd April 1954
 from the said Gilbert Thorne Seccombe to the
 Permanent for Charitable Building
 Society of Australia Limited
 Produced 14th May 1954 and entered 1st June 1954
 at 12 noon.
J. H. Pells
 REGISTRAR GENERAL.

Mortgage No. 66576
 J 64540 Entered 30th July 1962
 Registrar-General.

Alma Ruth Seccombe of Liverpool,
 Widow, is
 now the registered proprietor of the land within described.
 See Section 24 Application No. J 64541
 Entered 30th July 1962
 Registrar-General.

Patricia Caroline Coe of Liverpool,
 Spinster, is
 now the registered proprietor of land within described.
 See Transfer No. J 64542 1st March 1962
 Entered 30th July 1962
 Registrar-General.

J 64540 J 64541
 1st March 1962
 1st June 1954

Persons are cautioned against altering or adding to this Certificate or any notification thereon.

The correct name of the Proprietor is
Patricia Carolyn Ashcroft wife of Edwin
Lewis Ashcroft of Liverpool, Merseyside
See K938574. Entered 8th February 1968.

Jameson
Registrar General

No. K938574 MORTGAGE dated 12th January 1968
to Barclays Bank of New South
Wales
Entered 8th February 1968
Jameson
REGISTRAR GENERAL

MORTGAGE No. K938574 has been discharged.
See M183792 Entered 11th March 1971.
Jameson
REGISTRAR GENERAL

K938574 Caved by Person to Person Financial Services Pty Ltd.
Registered 12-4-1977

Jameson
REGISTRAR GENERAL

Caved via R243612 by Person to Person
Financial Services Pty Limited
Registered 5-6-1974

Jameson
Registrar General

COMPUTER FOND OPERATIONAL NO FURTHER
DEALINGS TO BE REGISTERED.

Jameson
Registrar General

CERTIFICATE OF TITLE.

(C.)

New South Wales.

Grant
[Reference to said Certificate.]

[Vol. 519 Folio 200]



REGISTER BOOK,

Vol. 1304 Folio 63

Francis Buckle

of Sydney, Gentleman, Transfers under Instrument
numbered 300422 is now the proprietor of an Estate in the County of Cumberland, containing One acre two rods fourteen and nine tenths perches, situate on the original high water mark of Blackwattle Bay, at its intersection with the South Western side of Poppy Bay, and bounded therein on the North East by that bay, bearing North West by eighty links to the South Western extension of Market Street, on the North West by that extension, bearing South West by three chains seventy four and one quarter links, on the South West by lines bearing South East by three chains seventy five links and two chains fifty six and three quarters links to land of the English, Scottish, and Australian Bank Limited, on the South East by that land bearing North West by four links to the original high water mark aforesaid, and on the North East by that high water mark, bearing North West by the point of commencement as shown on the plan hereto and thereunto made, being part of One acre two rods fourteen perches delineated in the Public Map of the said Parish deposited in the Office of the Surveyor General, originally granted to John Harris by Commission dated the Fifteenth day of December One thousand eight hundred and eighty six Registered in the Land Titles Office, Sydney, Volume 519 Folio 200.

In witness whereof, I have hereunto signed my name and affixed my Seal, this *Twenty sixth* day of *December* one thousand eight hundred and ninety *nine*.

Signed the *26th* day of *December* 189*9*,
in the presence of

[Signature]
Deputy Registrar General.

NOTIFICATION REFERRED TO.

Amongst the assumptions and conditions contained in the Grant above referred to are the following, namely:—
Reservations of the right of way.

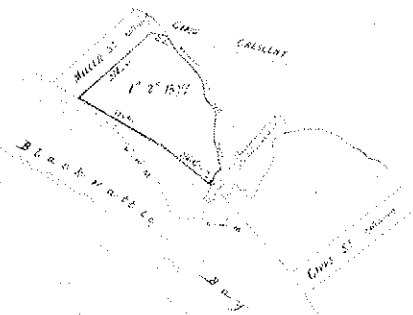
[Signature]

Deputy Registrar General.

At 12.25.29 I have dated the Fifteenth day of June One thousand eight hundred and eighty seven from John Harris to Robert George of Sydney, Transferee produced and entered in Register Book the Twenty second day of June One thousand eight hundred and eighty seven at three o'clock in the afternoon.

[Signature]

Deputy Registrar General.



No. 114223 MORTGAGE DATED 6 December 1894
FROM THE WITHIN NAMED Francis Buckle
TO THE Australian Mutual Provident Society
PRODUCED & ENTERED 1904 AT 12 O'CLOCK IN THE
MORNING AND ENTERED 1904 AT 12 O'CLOCK IN THE MORNING
LEPREGG CEN.

No. 368011 TRANSFER DATED 24 July 1903
FROM THE SAID Francis Buckle
TO THE Australian Mutual Provident Society
PRODUCED & ENTERED 1904 AT 12 O'CLOCK IN THE MORNING
DEPUTY REGISTRAR GENERAL

DISCHARGE of MORTGAGE No. 114223
DATED 27 July 1903 PRODUCED & ENTERED
1904 AT 12 O'CLOCK IN THE MORNING
DEPUTY REGISTRAR GENERAL

No. 1201115 MORTGAGE DATED 27 July 1903
FROM THE SAID Francis Buckle
TO THE Australian Mutual Provident Society
PRODUCED & ENTERED 1904 AT 12 O'CLOCK IN THE MORNING
DEPUTY REGISTRAR GENERAL

No. A 114223 DISCHARGE of within Mortgage
No. 114223 Dated 27 July 1903
Produced 26 November 1914 and entered
26 November 1914
at 12 o'clock in the noon
REGISTRAR GENERAL

No. 48444 TRANSFER dated 26 June 1914
from the said Francis Buckle and Sons Limited
to The Shell Company of Australia Limited
PRODUCED and entered 1914 at 12 o'clock in the noon
REGISTRAR GENERAL

No. 48444 TRANSFER dated 26 June 1914
from the said Francis Buckle and Sons Limited
to The Shell Company of Australia Limited
PRODUCED and entered 1914 at 12 o'clock in the noon
REGISTRAR GENERAL

No. 114223 Application under 1894 Act of the land property
(Amendment) Act 1921. The Council of the City of
Sydney
is registered as proprietor of the land as described.
Produced M.A. 1951 and entered 21st July 1951
at 12 o'clock in the noon
REGISTRAR GENERAL

At so be noted
this deed is cancelled and new Certificate of Title issued
Vol 6871 fol. 250
vide 069444
J. H. Ellis
Registrar General

BP

3 AUG 2010

ADVANCE LEGAL SEARCH PTY LIMITED

(ACN 077 067 068)

ABN 49 077 067 068

P.O. Box 149
Yagoona NSW 2199

Telephone: +612 9754 1590
Mobile: 0412 169 809
Facsimile: +612 9754 1364
Email: alsearch@optusnet.com.au

29th July 2010

ENVIRONMENTAL INVESTIGATION SERVICES

PO Box 976,
NORTH RYDE BC NSW 1670

Attention: Brendan Page

**RE: Sydney Fish Markets Site - 2
Pyrmont
Job No.: E23982K**

Current Search

Folio Identifier 2/835794 (title attached)
DP 835794 (plan attached)
Dated 26th July 2010
Registered Proprietor:
WATERWAYS AUTHORITY OF NEW SOUTH WALES

Title Tree
Lot 1 DP 835794

Folio Identifier 1/835794

Certificate of Title Volume 5018 Folio 1

Certificate of Title Volume 2050 Folio 103

Summary of proprietor(s)
Lot 1 DP 835794

Year	Proprietor
	(Lot 1 DP 835794)
2004 – todate	Waterways Authority of New South Wales
<i>(1994 – todate)</i>	<i>(lease to Fish Marketing Authority)</i>
1994 – 2004	The Maritime Services Board of New South Wales
	(Sydney Harbour - CTVol 5018 Fol 1)
1939 – 1994	The Maritime Services Board of New South Wales
<i>(1939 – 1994)</i>	<i>(various leases over parts of Sydney Harbour)</i>
	(Sydney Harbour – CTVol 2050 Fol 103)
1936 – 1939	The Maritime Services Board of New South Wales
1910 – 1936	The Sydney Harbour Trust Commissioners
<i>(1910 – 1939)</i>	<i>(various leases over parts of Sydney Harbour)</i>

**Advance Legal Search Pty Ltd**

Phone: 02 9754 1590



Advanced Legal Search Pty Ltd hereby certifies that the information contained in this document has been provided electronically by the Registrar General in accordance with Section 96B(2) of the Real Property Act.
Information provided through Tri-Search an approved LPI/ASW Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH
-----FOLIO: 1/835794

SEARCH DATE	TIME	EDITION NO	DATE
-----	----	-----	----
26/7/2010	3:21 PM	1	28/4/2004

LAND

LOT 1 IN DEPOSITED PLAN 835794
AT PYRMONT
LOCAL GOVERNMENT AREA SYDNEY
PARISH OF PETERSHAM COUNTY OF CUMBERLAND
TITLE DIAGRAM DP835794

FIRST SCHEDULE

WATERWAYS AUTHORITY OF NEW SOUTH WALES

SECOND SCHEDULE (1 NOTIFICATION)

1 U997508 LEASE TO FISH MARKETING AUTHORITY EXPIRES:
31/12/2024. OPTION OF RENEWAL: 20 YEARS.

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

**Advance Legal Search Pty Ltd**

Phone: 02 9754 1590

LPI On-Line

Advanced Legal Search Pty Ltd hereby certifies that the information contained in this document has been provided electronically by the Registrar General.

Information provided through Tri-Search an approved LPI/NSW Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

26/7/2010 3:22PM

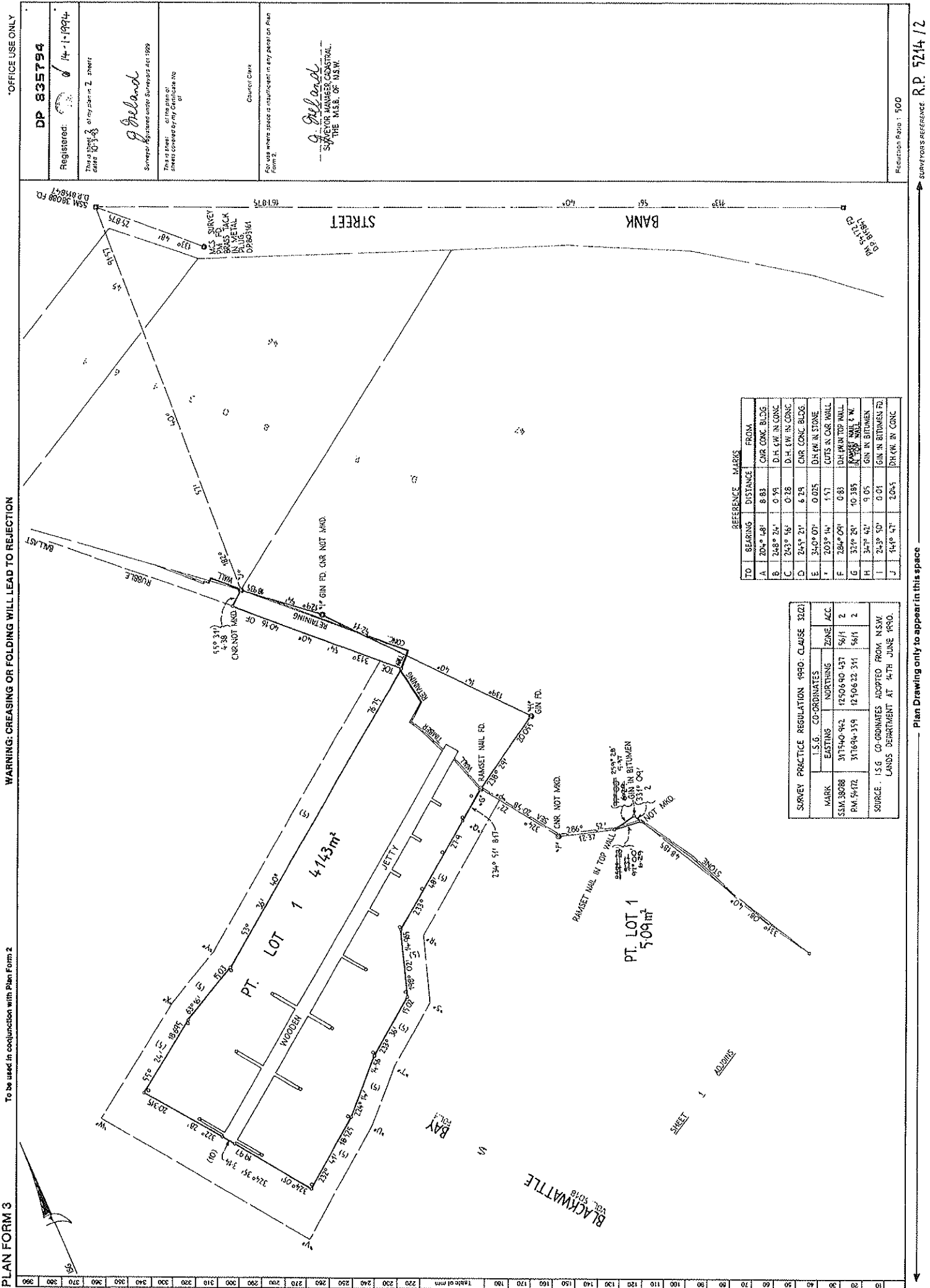
FOLIO: 1/835794

First Title(s): OLD SYSTEM

Prior Title(s): VOL 5018 FOL 1

Recorded	Number	Type of Instrument	C.T. Issue
-----	-----	-----	-----
17/1/1994	DP835794	DEPOSITED PLAN	LOT RECORDED FOLIO NOT CREATED
28/4/2004	AA594753	DEPARTMENTAL DEALING	FOLIO CREATED CT NOT ISSUED
28/4/2004	AA374022	REQUEST	EDITION 1

*** END OF SEARCH ***



TO	BEARING	DISTANCE	FROM
A	204° 48'	8.83	CNR CONC. BLDG.
B	248° 24'	0.91	D.H. C.W. IN CONC.
C	243° 56'	0.78	D.H. L.W. IN CONC.
D	245° 21'	6.79	CNR CONC. BLDG.
E	340° 07'	0.075	DRY W. IN STONE
F	284° 04'	0.83	DRY W. IN TOP WALL
G	327° 24'	10.385	RANSET NAIL 2 IN
H	347° 42'	9.65	GIN IN BITUMEN
I	243° 50'	0.01	GIN IN BITUMEN FD
J	244° 47'	20.45	DRY W. IN CONC.

SURVEY PRACTICE REGULATION 1990: CLAUSE 32(2)			
MARK	I.S.G. CO-ORDINATES	NORTHING	EASTING
SSM 38088	317540.942	1250640.437	56/1
PM 94712	317694.359	1250622.511	56/1
SOURCE: I.S.G. CO-ORDINATES ADOPTED FROM N.S.W. LANDS DEPARTMENT AT 4TH JUNE 1990.			



(Site History Documents – WorkCover Records)

27 MAY 2010

Our Ref: D10/065730
Your Ref: Brendan Page

25th May 2010

Attention: Mr Brendan Page
Environmental Investigation Services
PO Box 976
NORTH RYDE BC NSW 1670

Dear Mr Page,

RE SITE: 56-60 Pyrmont Bridge Road Pyrmont NSW

I refer to your site search request received by WorkCover NSW on 24 May 2010 requesting information on licences to keep dangerous goods for the above site.

A search of the Stored Chemical Information Database (SCID) and the microfiche records held by WorkCover NSW has not located any records pertaining to the above-mentioned premises.

If you have any further queries please contact the Dangerous Goods Licensing Team on (02) 4321 5500.

Yours Sincerely



Diana Hayes

Senior Licensing Officer
Dangerous Goods Team

WorkCover. **Watching out for you.**



APPENDIX D

(Sampling Protocols and QA/QC Definitions)



SOIL AND GROUNDWATER SAMPLING PROTOCOLS

These protocols specify the basic procedures to be used when sampling soils or groundwater for environmental site assessments undertaken by EIS. The purpose of these protocols is to provide standard methods for: sampling, decontamination procedures for sampling equipment, sample preservation, sample storage and sample handling. Deviations from these procedures must be recorded.

Soil Sampling

- a) Prepare a test pit/borehole log.
- b) Layout sampling equipment on clean plastic sheeting to prevent direct contact with ground surface. The work area should be at a distance from the drill/rig excavator such that the drill rig/excavator can operate in a safe manner.
- c) Ensure all sampling equipment has been decontaminated prior to use.
- d) Remove any surface debris from the immediate area of the sampling location.
- e) Collect samples and place in glass jar with a Teflon seal. This should be undertaken as quickly as possible to prevent the loss of volatiles. If possible, fill the glass jars completely.
- f) Collect samples for asbestos analysis and place in a zip-lock plastic bag.
- g) Label the jar and/or bag with the EIS job number, sample location (eg. BH1), sampling depth interval and date. If more than one sample container is used, this should also be indicated (eg. 2 = Sample jar 1 of 2 jars).
- h) Photoionisation detector (PID) screening of volatile organic compounds (VOCs) should be undertaken on samples using the soil sample headspace method. Headspace measurements are taken following equilibration of the headspace gasses in partly filled zip-lock plastic bags. PID headspace data is recorded on the borehole/test pit log and the chain of custody forms.
- i) Record the lithology of the sample and sample depth on the borehole/test pit log in accordance with AS1726-1993³⁴.
- j) Store the sample in a sample container cooled with ice or chill packs. On completion of the sampling the sample container should be delivered to the lab immediately or stored in the refrigerator prior to delivery to the lab. All samples are preserved in accordance with AS 4482.1:2005, AS 4482.2:1999 and AS/NZS 5667.1:1998.
- k) Check for the presence of groundwater after completion of each borehole using an electronic dip metre or water whistle. Boreholes should be left open until the end of fieldwork. All groundwater levels in the boreholes should be rechecked on the completion of the fieldwork.

³⁴ *Geotechnical Site Investigations*, Standards Australia 1993 (AS1726-1993)



- l) Backfill the boreholes/test pits with the excavation cuttings or clean sand prior to leaving the site.

Decontamination Procedures for Soil Sampling Equipment

- a) All of the equipment associated with the soil sampling procedure should be decontaminated between every sampling location.
- b) The following equipment and materials are required for the decontamination procedure:
 - Phosphate free detergent (Decon 90)
 - Tap water
 - Stiff brushes
 - Plastic sheets
- c) Ensure the decontamination materials are clean prior to proceeding with the decontamination.
- d) Fill both buckets with clean tap water and add phosphate free detergent to one bucket.
- e) In the bucket containing the detergent scrub the sampling equipment until all the material attached to the equipment has been removed.
- f) Rinse sampling equipment in the bucket containing tap water.
- g) Place cleaned equipment on clean plastic sheets.

If all materials are not removed by this procedure, high-pressure water cleaning is recommended. If any equipment is not completely decontaminated by both these processes that equipment should not be used until it has been thoroughly cleaned.

Groundwater Sampling

Groundwater samples are more sensitive to contamination than soil samples and therefore adherence to this protocol is particularly important to obtain reliable, reproducible results. The recommendations detailed in AS/NZS 5667.1:1998 are considered to form a minimum standard.

The basis of this protocol is to maintain the security of the borehole and obtain accurate and representative groundwater samples. The following procedure should be used for collection of groundwater samples from previously installed groundwater monitoring wells.

- a) After groundwater monitoring wells installation, at least three bore volumes should be pumped from the monitoring wells (well development) to remove any water introduced during the drilling process and/or the water that is disturbed during installation of the groundwater monitoring wells. This should be completed prior to purging and sampling.



- b) Groundwater monitoring wells should then be left to recharge for at least three days before purging and sampling. Prior to purging or sampling the condition of each well should be observed and any anomalies recorded on the field data sheets. The following information should be noted: the condition of the well, noting any signs of damage, tampering or complete destruction; the condition and operation of the well lock; the condition of the protective casing and the cement footing (raised or cracked); and, the presence of water between protective casing and well.
- c) Take the groundwater level from the collar of the piezometer using an electronic dipmeter. The collar level should be taken (if required) during the site visit using a dumpy level and staff.
- d) Purging and sampling of piezometers is done on the same site visit when using micro-purge (or low flow) techniques. Layout and organize all equipment associated with groundwater sampling in a location where they will not interfere with the sampling procedure and will not pose a risk of contaminating samples. Equipment generally required includes:
 - Micropore filtration system or Stericup single-use filters (for heavy metals samples).
 - Filter paper for Micropore filtration system.
 - Bucket with volume increments.
 - Sample containers: teflon bottles with 1 ml nitric acid, 75mL glass vials with 1 mL hydrochloric acid, 1 L amber glass bottles.
 - Bucket with volume increments.
 - Flow cell.
 - pH/EC/Eh/T meters.
 - Plastic drums used for transportation of purged water.
 - Esky and ice.
 - Nitrile gloves.
 - Distilled water (for cleaning).
 - Electronic dip meter.
 - Micro-purge pump pack and pump head.
 - Air and water tubing for Micro-purge.
 - Groundwater sampling forms.
- e) If single-use stericup filtration is not being used, clean the Micropore filtration system thoroughly with distilled water prior to use and between each sample. Filter paper should be changed between samples. 0.45um filter paper should be placed below the glass fibre filter paper in the filtration system.
- f) Ensure all non-disposable sampling equipment is decontaminated or that new disposable equipment is available prior to any work commencing at a new location. The procedure for decontamination of groundwater equipment is outlined at the end of this section.



- g) Disposable gloves should be used whenever samples are taken to protect the sampler and to assist in avoidance of contamination.
- h) Groundwater samples are obtained from the monitoring wells using low flow/micro-purge sampling equipment to reduce the disturbance of the water column and loss of volatiles.
- i) During pumping to purge the well, the pH, temperature, conductivity, dissolved oxygen, redox potential and groundwater levels are monitored (where possible) using calibrated field instruments to assess the development of steady state conditions. Steady state conditions are generally considered to have been achieved when the difference in the pH measurements was less than 0.2 units and the difference in conductivity was less than 10%.
- j) All measurements are recorded on specific data sheets.
- k) Once steady state conditions are considered to have been achieved, groundwater samples are obtained directly from the pump tubing and placed in appropriate glass bottles, BTEX vials or plastic bottles.
- l) All samples are preserved in accordance with water sampling requirements detailed in the NEPM Guidelines (1999) and placed in an insulated container with ice. Groundwater samples are preserved by immediate storage in an insulated sample container with ice in accordance with AS/NZS 5667.1-1 998.
- m) Record the sample on the appropriate log in accordance with AS 1726-1 993. At the end of each water sampling complete a chain of custody form.

Decontamination Procedures for Groundwater Sampling Equipment

- a) All of the equipment associated with the groundwater sampling procedure (other than single-use items) should be decontaminated between every sampling location.
- b) The following equipment and materials are required for the decontamination procedure:
 - Phosphate free detergent.
 - Tap water.
 - Distilled water
 - Plastic Sheets or bulk bags (plastic bags)
- c) Fill one bucket with clean tap water and phosphate free detergent, and one bucket with distilled water.
- d) Flush tap water and detergent through pump head. Wash sampling equipment and pump head using brushes in the bucket containing detergent until all materials attached to the equipment are removed.
- e) Flush pump head with distilled water.
- f) Change water and detergent solution after each sampling location.
- g) Rinse sampling equipment in the bucket containing distilled water.



- h) Place cleaned equipment on clean plastic sheets.
- i) If all materials are not removed by this procedure that equipment should not be used until it has been thoroughly cleaned

QA/QC DEFINITIONS

The QA/QC terms used in this report are defined below. The definitions are in accordance with US EPA publication SW-846, entitled *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods* (1994³⁵) methods and those described in *Environmental Sampling and Analysis, A Practical Guide*, (H. Keith 1991³⁶).

Practical Quantitation Limit (PQL), Limit of Reporting (LOR) and Estimated Quantitation Limit (EQL)

These terms all refer to the concentration above which results can be expressed with a minimum 95% confidence level. The laboratory reporting limits are generally set at ten times the standard deviation for the Method Detection limit (MDL) for each specific analyte. For the purposes of this report the LOR, PQL, and EQL are considered to be equivalent.

When assessing laboratory data it should be borne in mind that values at or near the PQL have two important limitations. *"The uncertainty of the measurement value can approach, and even equal, the reported value. Secondly, confirmation of the analytes reported is virtually impossible unless identification uses highly selective methods. These issues diminish when reliably measurable amounts of analytes are present. Accordingly, legal and regulatory actions should be limited to data at or above the reliable detection limit"*, Keith (1 991).

Precision

The degree to which data generated from repeated measurements differ from one another due to random errors. Precision is measured using the standard deviation or Relative Percent Difference (RPD). Acceptable targets for precision in this report will be less than 50% RPD for concentrations greater than ten times the PQL, less than 75% RPD for concentrations between five and ten times the PQL and less than 100% RPD for concentrations that are less than five times the PQL.

Accuracy

³⁵ SW-846: *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, US EPA, 1994 (US EPA SW-846)

³⁶ *Environmental Sampling and Analysis, A Practical Guide*, Keith, H, 1991 (Keith 1991)



Accuracy is a measure of the agreement between an experimental result and the true value of the parameter being measured. The assessment of accuracy for an analysis can be achieved through the analysis of known reference materials or assessed by the analysis of surrogates, field blanks, trip spikes and matrix spikes.

The proximity of an averaged result to the true value, where all random errors have been statistically removed. Accuracy is measured by percent recovery. Acceptable limits for accuracy generally lie between 70% to 130% recoveries. Certain laboratory methods may allow for values that lie outside these limits.

Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is primarily dependent upon the design and implementation of the sampling program. Representativeness of the data is partially ensured by the avoidance of contamination, adherence to sample handling and analysis protocols and use of proper chain-of-custody and documentation procedures.

Completeness

Completeness is a measure of the number of valid measurements in a data set compared to the total number of measurements made and overall performance against DQIs. The following information is assessed for completeness:

- Chain-of-custody forms;
- Sample receipt form;
- All sample results reported;
- All blank data reported;
- All laboratory duplicate and RPDs calculated;
- All surrogate spike data reported;
- All matrix spike and lab control spike (LCS) data reported and RPDs calculated;
- Spike recovery acceptable limits reported; and
- NATA stamp on reports.

Comparability

Comparability is the evaluation of the similarity of conditions (eg. sample depth, sample homogeneity) under which separate sets of data are produced. Data comparability checks include a bias assessment that may arise from the following sources:

- Collection and analysis of samples by different personnel;



- Use of different techniques;
- Collection and analysis by the same personnel using the same methods but at different times; and
- Spatial and temporal changes (due to environmental dynamics).

Blanks

The purpose of laboratory and field blanks is to check for artifacts and interferences that may arise during sampling and analysis.

Matrix Spikes

Samples are spiked with laboratory grade standards to detect interactive effects between the sample matrix and the analytes being measured. Matrix Spikes are reported as a percent recovery and are prepared for 1 in every 20 samples. Sample batches that contain less than 20 samples may be reported with a Matrix Spike from another batch. The percent recovery is calculated using the formula;

$$\frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Concentration of Spike Added}} \times 100$$

Acceptable recovery limits are 70% to 130%.

Surrogate Spikes

Samples are spiked with a known concentration of compounds that are chemically related to the analyte being investigated but unlikely to be detected in the environment. The purpose of the Surrogate Spikes is to check the accuracy of the analytical technique. Surrogate Spikes are reported as percent recovery.

Duplicates

Laboratory duplicates measure precision, expressed as Relative Percent Difference. Duplicates are prepared from a single field sample and analysed as two separate extraction procedures in the laboratory. The RPD is calculated using the formula where D1 is the sample concentration and D2 is the duplicate sample concentration:

$$\frac{(D1 - D2)}{\{(D1 + D2)/2\}} \times 100$$



APPENDIX E

**(Groundwater Monitoring Data Sheets and Equipment Calibration
Records)**

JOB NO: E24125K
LOCATION: Sydney Fish Markets - Waterfront



PID FIELD CALIBRATION ~~CERTIFICATE~~ RECORD

Make: MiniRAE	Model: 2000	Unit: 1	Date of last factory calibration: 30/6/10
Date of calibration: 20/7/10		Name of Calibrator: BP	
Calibration gas: Iso-butylene		Calibration Gas Concentration: 100.0 ppm	
Measured reading: 100 ppm		Error in measured reading: $\pm$ 0 ppm	
Make: MiniRAE	Model: 2000	Unit: 1	Date of last factory calibration: 30/6/10
Date of calibration: 25/7/10		Name of Calibrator: BP	
Calibration gas: Iso-butylene		Calibration Gas Concentration: 100.0 ppm	
Measured reading: 100 ppm		Error in measured reading: $\pm$ 0 ppm	
Make: MiniRAE	Model: 2000	Unit:	Date of last factory calibration:
Date of calibration:		Name of Calibrator:	
Calibration gas: Iso-butylene		Calibration Gas Concentration: 100.0 ppm	
Measured reading: ppm		Error in measured reading: $\pm$ ppm	
Make: MiniRAE	Model: 2000	Unit:	Date of last factory calibration:
Date of calibration:		Name of Calibrator:	
Calibration gas: Iso-butylene		Calibration Gas Concentration: 100.0 ppm	
Measured reading: ppm		Error in measured reading: $\pm$ ppm	
Make: MiniRAE	Model: 2000	Unit:	Date of last factory calibration:
Date of calibration:		Name of Calibrator:	
Calibration gas: Iso-butylene		Calibration Gas Concentration: 100.0 ppm	
Measured reading: ppm		Error in measured reading: $\pm$ ppm	
Make: MiniRAE	Model: 2000	Unit:	Date of last factory calibration:
Date of calibration:		Name of Calibrator:	
Calibration gas: Iso-butylene		Calibration Gas Concentration: 100.0 ppm	
Measured reading: ppm		Error in measured reading: $\pm$ ppm	
Make: MiniRAE	Model: 2000	Unit:	Date of last factory calibration:
Date of calibration:		Name of Calibrator:	
Calibration gas: Iso-butylene		Calibration Gas Concentration: 100.0 ppm	
Measured reading: ppm		Error in measured reading: $\pm$ ppm	
Make: MiniRAE	Model: 2000	Unit:	Date of last factory calibration:
Date of calibration:		Name of Calibrator:	
Calibration gas: Iso-butylene		Calibration Gas Concentration: 100.0 ppm	
Measured reading: ppm		Error in measured reading: $\pm$ ppm	

Development Cal Data

***** Calibrate: DO

Date 22/07/10 DD/MM/YY
Time 10:27:05 24-hour
User ID: MD

Method DO Air Calibrate
Cal Value: 100.000000 %
Sensor Value: 2.816578 uA
Sensor Type Polarographic
Membrane Type 1.25 PE Yellow
Salinity Mode 2.816578 Auto
Temperature 11.600000 %C2%B0C
Barometer 771.400024 mmHg
Calibrate Status Calibrated

***** Calibrate: ORP

Date 22/07/10 DD/MM/YY
Time 10:24:28 24-hour
User ID: MD

Cal solution value: 248.899994 ORP mV
Sensor Value: 247.300003 ORP mV
Temperature 12.000000 %C2%B0C
Calibrate Status Calibrated

***** Calibrate: pH

Date 22/07/10 DD/MM/YY
Time 10:23:42 24-hour
User ID: MD

Buffer Value 7.058537 pH
Sensor Value: -21.400000 pH mV
Temperature 12.050013 %C2%B0C

Buffer Value 4.001291 pH
Sensor Value: 143.600006 pH mV
Temperature 10.749994 %C2%B0C

Slope 56.674145 mV/pH
Slope 99.048549 % of Ideal pH value
Calibrate Status Calibrated

***** Calibrate: Conductivity

Date 22/07/10 DD/MM/YY
Time 10:20:45 24-hour
User ID: MD

Method Sp. Conductance
Cal Value: 1388.000000 SPC-uS/cm
Sensor Value: 1388.000000 SPC-uS/cm
Temperature Ref. 25.000000 %C2%B0C
Temperature Comp. 1.910000 %/C
TDS Constant 0.650000
Temperature 10.700000 %C2%B0C
Cal Cell Constant: 4.776870
Calibrate Status Calibrated

Development Cal Data



Groundwater Monitoring Well Development Report

Client:	State Property Authority	Job No.:	E24125K		
Project:	Proposed Redevelopment	Well No.:	MW 605		
Location:	Sydney Fish Markets - Pyrmont	Depth (m):	6m		
WELL FINISH DETAILS					
☒ Gatic Cover		☐ Standpipe	☐ PVC Pipe		
WELL DEVELOPMENT DETAILS					
Method:	Pump	SWL - Before: (m)	1.10 2.10		
Date:	22-7-10	Time - Before:	1:40 pm		
Undertaken By:	BP	SWL - After: (m)	4.7		
Total Vol. Removed:	~ 40L	Time - After:			
PID Reading (ppm):	2.4				
Comments:					
DEVELOPMENT MEASUREMENTS					
Volume Removed (L)	Temp (°C)	pH	EC (mS/m)	DO (mg/L)	Eh (mV)
5 total	20.3	7.11	1202	1.0	161.9
25 total	21.3	6.98	1264	2.7	81.2
See YS1 Data Sheet.					
Comments: Flow decrease @ ~ 25L, very silty, became clearer around 40L					
Tested By:		Remarks: - All measurements are corrected to ground level - All stated Volumes are in Litres - SWL is an abbreviation for standing water level - Steady state conditions - difference in the pH less than 0.2 units and difference in conductivity less than 10% - Minimum 3 monitoring well volumes are purged			
Date Tested:					
Checked By:	BP				
Date:	22/7/10				

[illegible]

[illegible]

Timestamp	EC (uS/cm)	DO (mg/L)	ORP_1 (mV)	pH_1 (Units)	Temp (C)	Site	Folder
22/07/2010 13:05	136.5	10.4	259.5	7.37	13.3	E24125K PYRMONT	MW608
22/07/2010 13:06	133.6	10.3	258	7.41	13.3	E24125K PYRMONT	MW608
22/07/2010 13:06	131.4	10.3	256.9	7.45	13.4	E24125K PYRMONT	MW608
22/07/2010 13:06	9736	4.7	236	7.78	14.6	E24125K PYRMONT	MW608
22/07/2010 13:07	7624	3	190.9	7.26	19.6	E24125K PYRMONT	MW608
22/07/2010 13:07	9237	2.9	202.7	6.82	20.9	E24125K PYRMONT	MW608
22/07/2010 13:07	6007	3.4	198.4	6.81	20.5	E24125K PYRMONT	MW608
22/07/2010 13:08	7621	4	200.5	6.52	20.3	E24125K PYRMONT	MW608
22/07/2010 13:08	10602	3.6	200.6	6.41	20.7	E24125K PYRMONT	MW608
22/07/2010 13:08	11005	3.4	196.3	6.4	21.1	E24125K PYRMONT	MW608
22/07/2010 13:09	10645	3.4	191.8	6.37	21.2	E24125K PYRMONT	MW608
22/07/2010 13:09	10501	3.1	187.5	6.36	21.2	E24125K PYRMONT	MW608
22/07/2010 13:09	10337	3	182.7	6.35	21.1	E24125K PYRMONT	MW608
22/07/2010 13:10	10118	2.9	177.8	6.33	21.1	E24125K PYRMONT	MW608
22/07/2010 13:10	9913	2.8	172.4	6.31	21.1	E24125K PYRMONT	MW608
22/07/2010 13:10	9714	2.7	167	6.29	21	E24125K PYRMONT	MW608
22/07/2010 13:11	9586	2.6	162.7	6.27	21	E24125K PYRMONT	MW608
22/07/2010 13:26	58.3	10.1	213.1	6.96	15.4	E24125K PYRMONT	MW606
22/07/2010 13:26	2822	3.4	189.5	7.38	20.4	E24125K PYRMONT	MW606
22/07/2010 13:27	2643	2.2	190.4	7.15	20.2	E24125K PYRMONT	MW606
22/07/2010 13:27	2492	2	187.1	7.05	20.1	E24125K PYRMONT	MW606
22/07/2010 13:27	2456	1.9	183.3	7	20.1	E24125K PYRMONT	MW606
22/07/2010 13:28	2420	1.8	180.8	6.97	20	E24125K PYRMONT	MW606
22/07/2010 13:28	2338	1.9	178.9	6.95	19.9	E24125K PYRMONT	MW606
22/07/2010 13:28	2322	1.9	177.9	6.94	19.9	E24125K PYRMONT	MW606
22/07/2010 13:29	2319	1.9	177.3	6.93	19.9	E24125K PYRMONT	MW606
22/07/2010 13:46	159.4	9.8	177.8	8.76	15.5	E24125K PYRMONT	MW605
22/07/2010 13:47	1341	1.5	175.4	7.19	20.3	E24125K PYRMONT	MW605
22/07/2010 13:47	1130	1	162.3	7.11	19.7	E24125K PYRMONT	MW605
22/07/2010 13:48	845	2.8	156.1	7.14	18.9	E24125K PYRMONT	MW605
22/07/2010 13:48	1042	1.9	151.4	6.98	19.5	E24125K PYRMONT	MW605
22/07/2010 13:48	1227	0.9	132.8	6.95	20.3	E24125K PYRMONT	MW605

22/07/2010 13:49	1340	1.9	115.6	6.98	20.6 E24125K PYRMONT	MW605
22/07/2010 13:49	1353	3.4	110.4	7	20.8 E24125K PYRMONT	MW605
22/07/2010 13:49	1234	0.8	92.7	6.95	21.6 E24125K PYRMONT	MW605
22/07/2010 13:50	1227	0.1	74.5	6.95	21.5 E24125K PYRMONT	MW605
22/07/2010 13:50	1237	0.1	66.1	6.96	21.4 E24125K PYRMONT	MW605
22/07/2010 13:50	1258	0.1	65.8	6.97	21.3 E24125K PYRMONT	MW605
22/07/2010 13:51	1261	1.9	74.1	6.97	21.3 E24125K PYRMONT	MW605
22/07/2010 13:51	1267	3.1	81	6.96	21.4 E24125K PYRMONT	MW605
22/07/2010 13:51	1269	4.3	81	6.94	21.4 E24125K PYRMONT	MW605
22/07/2010 13:52	1289	4.5	76.4	6.92	21.4 E24125K PYRMONT	MW605
22/07/2010 13:52	1344	4.7	74.4	6.92	21.4 E24125K PYRMONT	MW605
22/07/2010 13:52	1363	4.6	74.1	6.92	21.4 E24125K PYRMONT	MW605
22/07/2010 13:53	1365	4.3	73.6	6.91	21.4 E24125K PYRMONT	MW605
22/07/2010 13:53	1368	4.2	71.9	6.9	21.4 E24125K PYRMONT	MW605
22/07/2010 13:53	1369	4.1	70.7	6.9	21.5 E24125K PYRMONT	MW605
22/07/2010 13:54	1370	4.1	68.9	6.89	21.5 E24125K PYRMONT	MW605
22/07/2010 13:54	1370	4.2	67.1	6.89	21.5 E24125K PYRMONT	MW605
22/07/2010 13:54	1369	3.8	67.3	6.89	21.5 E24125K PYRMONT	MW605
22/07/2010 13:55	318.3	3.7	68.9	6.89	21.5 E24125K PYRMONT	MW605
22/07/2010 13:55	11.7	8.2	71.1	7.07	21.2 E24125K PYRMONT	MW605

Sampling Cal Data

***** Calibrate: DO

Date 27/07/10 DD/MM/YY
Time 08:07:45 24-hour
User ID: BP

Method DO Air Calibrate
Cal Value: 100.000000 %
Sensor Value: 3.079368 uA
Sensor Type Polarographic
Membrane Type 1.25 PE Yellow
Salinity Mode 3.079368 Auto
Temperature 12.600000 %C2%B0C
Barometer 772.299988 mmHg
Calibrate Status Calibrated

***** Calibrate: ORP

Date 27/07/10 DD/MM/YY
Time 08:06:48 24-hour
User ID: BP

Cal Solution Value: 246.169998 ORP mV
Sensor Value: 251.100006 ORP mV
Temperature 14.100000 %C2%B0C
Calibrate Status Calibrated

***** Calibrate: pH

Date 27/07/10 DD/MM/YY
Time 08:05:31 24-hour
User ID: BP

Buffer Value 7.044128 pH
Sensor Value: -18.200001 pH mV
Temperature 15.050013 %C2%B0C

Buffer Value 4.000600 pH
Sensor Value: 155.600006 pH mV
Temperature 14.550013 %C2%B0C

Slope 59.177482 mV/pH
Slope 94.589452 % of Ideal pH Value
Calibrate Status Calibrated

***** Calibrate: Conductivity

Date 27/07/10 DD/MM/YY
Time 08:01:35 24-hour
User ID: BP

Method Sp. Conductance
Cal Value: 1381.000000 SPC-uS/cm
Sensor Value: 1381.000000 SPC-uS/cm
Temperature Ref. 25.000000 %C2%B0C
Temperature Comp. 1.910000 %/C
TDS Constant 0.650000
Temperature 15.100000 %C2%B0C
Cal Cell Constant: 4.776870
Calibrate Status Calibrated

Sampling Cal Data

12:17 star

Groundwater Monitoring Report



Client:	State Property Authority		Job No.:	E24125K
Project:	Proposed Redevelopment		Well No.:	MW605
Location:	56-60 Pyrmont Bridge Road, Pyrmont		Depth (m):	6

WELL FINISH

☒ Gatic Cover	☐ Standpipe	☐ PVC Pipe
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WELL PURGE DETAILS:

Method:	Micro-purge	SWL - Before:	2.04
Date:	27-07-10	Time - Before:	12:15pm
Undertaken By:	BP	Total Vol Removed:	≈ 9L
Pump Program No.	CPM	PID (ppm):	

PURGING / SAMPLING MEASUREMENTS

Time (min)	CMP	Vol (L)	SWL (m)	Temp (°C)	pH	EC (μS/cm)	Eh (mV)	DO ppm
12:18	4	2.16	2.16					
12:19		2.23	2.23					
12:20		2.23	2.23					
12:21			2.25					
12:22			2.27					
12:23	↓		2.27	21.0	6.86	1444	86.6	0.3
12:24	5							
12:26	↓		2.32					
12:28	6		2.32					
12:29			2.35	21.0	6.88	1412	42.2	0.2
12:30			2.35					
12:31		≈ 9L	2.35	21.0	6.90	1408	33.3	0.2
12:31	Sampled	→						
See YS 1 data sheet								

Containers Used/Comments 2 x 1L ambers, 2 x glass vials, 1 x HDPE plastic bottle, 1/2 L amber

GW Dup 2 as above

Tested By:	Remarks: - All measurements are corrected to ground level - SWL is an abbreviation for standing water level - Steady state conditions - difference in the pH less than 0.2 units and difference in conductivity less than 10%
Date Tested:	
Checked By: BP	
Date: 27/7/10	

11:00 start

Groundwater Monitoring Report



Client:	State Property Authority		Job No.:	E24125K				
Project:	Proposed Redevelopment		Well No.:	MW606				
Location:	56-60 Pyrmont Bridge Road, Pyrmont		Depth (m):	4				
WELL FINISH								
☒ Gatic Cover		☐ Standpipe		☐ PVC Pipe				
WELL PURGE DETAILS:								
Method:	Micro-purge	SWL - Before:	2.18					
Date:	27-07-10	Time - Before:	10:30am					
Undertaken By:	BP	Total Vol Removed:	3L					
Pump Program No.	CPM	PID (ppm):						
PURGING / SAMPLING MEASUREMENTS								
Time (min)	CMP	Vol (L)	SWL (m)	Temp (°C)	pH	EC (µS/cm)	Eh (mV)	DO ppm
11:02	1		2.19					
11:03			2.21					
11:04			2.22					
11:05			2.24	20.0	6.93	2098	139.7	1.1
11:08			2.25					
11:11			2.27					
11:14			2.27					
11:18			2.30					
11:21			2.30					
11:24			2.30	20.3	6.79	2089	121.7	0.3
11:26	Sampled	~3L	→					
See YSI data.								
Containers Used/Comments 3 x 1L ambers, 2 x glass vials, 1 x HDPE plastic bottle, 1 x 1/2 L amber								
Tested By:		Remarks: - All measurements are corrected to ground level - SWL is an abbreviation for standing water level - Steady state conditions - difference in the pH less than 0.2 units and difference in conductivity less than 10%						
Date Tested:								
Checked By: BP								
Date: 27/7/10								

9:16am
start



Groundwater Monitoring Report

Client:	State Property Authority		Job No.:	E24125K
Project:	Proposed Redevelopment		Well No.:	MW608
Location:	56-60 Pymont Bridge Road, Pymont		Depth (m):	6

WELL FINISH

☒ Gatic Cover	☐ Standpipe	☐ PVC Pipe
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WELL PURGE DETAILS:

Method:	Micro-purge	SWL - Before:	1.56
Date:	27-07-10	Time - Before:	9:05am
Undertaken By:	BP	Total Vol Removed:	~19L
Pump Program No.	CPM 2	PID (ppm):	—

PURGING / SAMPLING MEASUREMENTS

Time	CMP	Vol (L)	SWL (m)	Temp (°C)	pH	EC (µS/cm)	Eh (mV)	DO ppm
9:17	4		1.74	19.5	6.06	14089	253.4	3.5
9:18	↓		1.80					
9:19	↓		1.86					
9:20	↓		1.94					
9:21	3		1.94	20.5	5.78	16760	250.2	2.4
9:22	↓		1.97					
9:23	↓		2.08					
9:25	↓		2.16					
9:27	↓		2.27					
9:30	↓		2.35					
9:34	↓		2.50					
9:37	↓	8L	2.60					
9:40	↓		2.70	20.7	5.43	13394	270.8	1.4
9:44	↓		2.87					
9:47	↓		2.91	20.7	5.41	13335	274.2	1.1
9:49	↓		2.95					
9:51	↓		2.98					
9:56	↓		3.09					
10:02	↓	16L total	3.21					
10:04	2		3.25	20.7	5.41	12169	278.7	0.7
10:05	↓		3.26					
10:06	↓		3.26					
10:08	↓	~19L total	3.25	Sampled	→			
See VSI data sheet.								

Containers Used/Comments 3 x 1L ambers, 2 x glass vials, 1 x HDPE plastic bottle, 1 x ½L amber

AW Dup 1 As above.

Tested By:	Remarks: - All measurements are corrected to ground level - SWL is an abbreviation for standing water level - Steady state conditions - difference in the pH less than 0.2 units and difference in conductivity less than 10%
Date Tested:	
Checked By: BP	
Date: 27/7/10	

CW Trip Blank

Timestamp	EC (uS/cm)	DO (mg/L)	ORP_1 (mV)	pH_1 (Units)	Temp (C)	Site	Folder
27/07/2010 9:15	27.5	9.9	274.7	6.84		14.5 E24125K P' MW608	
27/07/2010 9:16	491.9	8.3	276.4	6.74		17 E24125K P' MW608	
27/07/2010 9:17	12724	3.9	257.9	6.07		19.2 E24125K P' MW608	
27/07/2010 9:18	14992	3.5	251.7	6.03		19.8 E24125K P' MW608	
27/07/2010 9:19	16651	2.9	249.8	5.9		20.3 E24125K P' MW608	
27/07/2010 9:20	16788	2.6	249.5	5.81		20.5 E24125K P' MW608	
27/07/2010 9:21	16757	2.4	250.2	5.77		20.4 E24125K P' MW608	
27/07/2010 9:22	16594	2.4	251.5	5.73		20.4 E24125K P' MW608	
27/07/2010 9:23	16365	2.3	252.8	5.69		20.5 E24125K P' MW608	
27/07/2010 9:24	16092	2.3	254.4	5.64		20.5 E24125K P' MW608	
27/07/2010 9:25	15718	2.3	255.9	5.61		20.5 E24125K P' MW608	
27/07/2010 9:26	15366	2.2	257.3	5.58		20.5 E24125K P' MW608	
27/07/2010 9:27	14957	2.1	258.8	5.55		20.5 E24125K P' MW608	
27/07/2010 9:28	14617	2.1	260	5.53		20.5 E24125K P' MW608	
27/07/2010 9:29	14327	2	261.2	5.52		20.5 E24125K P' MW608	
27/07/2010 9:30	14064	1.9	262.3	5.51		20.5 E24125K P' MW608	
27/07/2010 9:31	13841	1.8	263.3	5.49		20.6 E24125K P' MW608	
27/07/2010 9:32	13722	1.8	264.4	5.48		20.6 E24125K P' MW608	
27/07/2010 9:33	13587	1.7	265.3	5.47		20.6 E24125K P' MW608	
27/07/2010 9:34	13484	1.7	266.3	5.46		20.6 E24125K P' MW608	
27/07/2010 9:35	13427	1.7	267.1	5.45		20.6 E24125K P' MW608	
27/07/2010 9:36	13394	1.6	268	5.44		20.6 E24125K P' MW608	
27/07/2010 9:37	13369	1.6	268.8	5.44		20.6 E24125K P' MW608	
27/07/2010 9:38	13374	1.5	269.5	5.43		20.6 E24125K P' MW608	
27/07/2010 9:39	13393	1.5	270.2	5.43		20.6 E24125K P' MW608	
27/07/2010 9:40	13394	1.4	270.9	5.43		20.7 E24125K P' MW608	
27/07/2010 9:41	13387	1.4	271.5	5.42		20.7 E24125K P' MW608	
27/07/2010 9:42	13396	1.3	272.1	5.42		20.7 E24125K P' MW608	
27/07/2010 9:43	13379	1.2	272.6	5.41		20.7 E24125K P' MW608	
27/07/2010 9:44	13379	1.2	273.1	5.41		20.7 E24125K P' MW608	
27/07/2010 9:45	13340	1.1	273.6	5.41		20.6 E24125K P' MW608	
27/07/2010 9:46	13384	1.1	274	5.41		20.7 E24125K P' MW608	

27/07/2010 9:47	13335	1.1	274.2	5.41	20.7 E24125K P' MW608
27/07/2010 9:48	13306	1.1	274.4	5.4	20.7 E24125K P' MW608
27/07/2010 9:49	13262	1	274.5	5.39	20.8 E24125K P' MW608
27/07/2010 9:50	13231	1	274.6	5.39	20.8 E24125K P' MW608
27/07/2010 9:51	13191	1	274.8	5.39	20.8 E24125K P' MW608
27/07/2010 9:52	13150	0.9	274.9	5.39	20.8 E24125K P' MW608
27/07/2010 9:53	13096	0.9	274.9	5.39	20.8 E24125K P' MW608
27/07/2010 9:54	13029	0.8	274.9	5.39	20.8 E24125K P' MW608
27/07/2010 9:55	12957	0.8	275	5.39	20.8 E24125K P' MW608
27/07/2010 9:56	12906	0.8	274.9	5.39	20.8 E24125K P' MW608
27/07/2010 9:57	12828	0.8	274.9	5.39	20.8 E24125K P' MW608
27/07/2010 9:58	12760	0.8	274.8	5.39	20.8 E24125K P' MW608
27/07/2010 9:59	12603	0.8	274.6	5.4	20.8 E24125K P' MW608
27/07/2010 10:00	12584	0.8	274.4	5.4	20.8 E24125K P' MW608
27/07/2010 10:01	12477	0.7	274.2	5.4	20.9 E24125K P' MW608
27/07/2010 10:02	12362	0.7	274	5.4	20.9 E24125K P' MW608
27/07/2010 10:03	12260	0.7	273.8	5.4	20.8 E24125K P' MW608
27/07/2010 10:04	12170	0.7	273.7	5.4	20.7 E24125K P' MW608
27/07/2010 10:05	12125	0.7	273.5	5.41	20.7 E24125K P' MW608
27/07/2010 10:06	12048	0.7	273.3	5.41	20.8 E24125K P' MW608
27/07/2010 10:07	11967	0.7	272.9	5.41	20.8 E24125K P' MW608
27/07/2010 11:00	75.7	9.1	285.9	6.6	21.2 E24125K P' MW606
27/07/2010 11:01	73.5	8.9	280.8	6.71	21.9 E24125K P' MW606
27/07/2010 11:02	49.6	10	174.4	7.36	20.7 E24125K P' MW606
27/07/2010 11:03	52.8	11	157.4	7.41	19.6 E24125K P' MW606
27/07/2010 11:04	1917	1.2	146.9	7.01	19.8 E24125K P' MW606
27/07/2010 11:05	2098	1.1	141.7	6.94	20 E24125K P' MW606
27/07/2010 11:06	2115	0.9	137.8	6.92	20.1 E24125K P' MW606
27/07/2010 11:07	2111	0.9	135.3	6.91	20.2 E24125K P' MW606
27/07/2010 11:08	2103	0.8	133.2	6.9	20.3 E24125K P' MW606
27/07/2010 11:09	2100	0.7	131.6	6.89	20.3 E24125K P' MW606
27/07/2010 11:10	2091	0.6	130	6.89	20.3 E24125K P' MW606

27/07/2010 11:11	2088	0.6	128.6	6.88	20.3 E24125K P' MW606
27/07/2010 11:12	2085	0.5	127.3	6.87	20.4 E24125K P' MW606
27/07/2010 11:13	2085	0.5	126.3	6.86	20.4 E24125K P' MW606
27/07/2010 11:14	2081	0.5	125.4	6.86	20.4 E24125K P' MW606
27/07/2010 11:15	2075	0.4	124.8	6.84	20.3 E24125K P' MW606
27/07/2010 11:16	2073	0.4	124.3	6.84	20.4 E24125K P' MW606
27/07/2010 11:17	2072	0.4	123.9	6.83	20.4 E24125K P' MW606
27/07/2010 11:18	2068	0.4	123.6	6.82	20.3 E24125K P' MW606
27/07/2010 11:19	2068	0.4	123.4	6.81	20.3 E24125K P' MW606
27/07/2010 11:20	2065	0.4	123.3	6.8	20.3 E24125K P' MW606
27/07/2010 11:21	2064	0.3	123.1	6.79	20.3 E24125K P' MW606
27/07/2010 11:22	2063	0.3	122.8	6.79	20.3 E24125K P' MW606
27/07/2010 11:23	2061	0.3	122.4	6.79	20.3 E24125K P' MW606
27/07/2010 11:24	2060	0.3	121.9	6.78	20.4 E24125K P' MW606
27/07/2010 11:25	2059	0.3	121.2	6.78	20.3 E24125K P' MW606
27/07/2010 12:16	9.9	8.5	247.3	7.43	21.5 E24125K P' MW605
27/07/2010 12:17	780	5.7	144.6	7.27	20.7 E24125K P' MW605
27/07/2010 12:18	1464	1.1	117	6.92	21 E24125K P' MW605
27/07/2010 12:19	1454	0.6	108.3	6.89	21.1 E24125K P' MW605
27/07/2010 12:20	1449	0.3	100.9	6.89	21.1 E24125K P' MW605
27/07/2010 12:21	1445	0.3	94.1	6.89	21 E24125K P' MW605
27/07/2010 12:22	1444	0.2	88.8	6.87	21 E24125K P' MW605
27/07/2010 12:23	1442	0.2	84.1	6.86	21 E24125K P' MW605
27/07/2010 12:24	1439	0.2	78.9	6.85	21 E24125K P' MW605
27/07/2010 12:25	1433	0.2	72.3	6.86	21 E24125K P' MW605
27/07/2010 12:26	1427	0.2	65.4	6.87	21 E24125K P' MW605
27/07/2010 12:27	1424	0.2	58.1	6.87	21 E24125K P' MW605
27/07/2010 12:28	1417	0.2	49.9	6.88	21 E24125K P' MW605
27/07/2010 12:29	1411	0.2	42.2	6.89	21 E24125K P' MW605
27/07/2010 12:30	1406	0.2	35.9	6.9	20.9 E24125K P' MW605



APPENDIX F

(Hardness Modification Calculation and UCL Calculations)

ADJUSTING THE TRIGGER VALUE TO TAKE ACCOUNT OF HARDNESS

Reference: Australian and New Zealand Guidelines for Fresh and Marine Water Quality ANZECC 2000
Chapter 3 p3.4-21
Table 3.4.3

The calculation allows you to adjust the trigger value for some of the heavy metals

The calculation only applies to fresh waters with a salinity of 2500mg/L or less.

At 25°C a salinity value of 2500mg/L approximates to a conductivity reading of 4750µS/cm. (assumes a conversion factor 0.52)

CALCULATION:

Calculate the average hardness (H) value (mg/L as CaCO₃) for the site and enter here

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The original 95% trigger values (TV) and the hardness modified trigger values (HMTV) are shown in the Table below in µg/L

Metal	TV	Hardness algorithm	HMTV
Cadmium	0.2	$HMTV = TV(H/30)^{0.89}$	2.2
Chromium III	1	$HMTV = TV(H/30)^{0.82}$	9.1
Copper	1.4	$HMTV = TV(H/30)^{0.85}$	13.9
Lead	3.4	$HMTV = TV(H/30)^{1.27}$	104.5
Nickel	11	$HMTV = TV(H/30)^{0.85}$	108.9
Zinc	8	$HMTV = TV(H/30)^{0.85}$	79.2

General Statistics

Data File					Variable:	B(a)P		
Raw Statistics				Normal Distribution Test				
Number of Valid Samples			24	Shapiro-Wilk Test Statistic				0.481311
Number of Unique Samples			15	Shapiro-Wilk 5% Critical Value				0.916
Minimum			0	Data not normal at 5% significance level				
Maximum			24					
Mean			2.207292	95% UCL (Assuming Normal Distribution)				
Median			0.095	Student's-t UCL				3.975153
Standard Deviation			5.053308					
Variance			25.53592					
Coefficient of Variation			2.28937					
Skewness			3.794401					
Gamma Statistics Not Available								
Lognormal Statistics Not Available								
				95% Non-parametric UCLs				
				CLT UCL				3.903962
				Adj-CLT UCL (Adjusted for skewness)				4.757628
				Mod-t UCL (Adjusted for skewness)				4.108308
				Jackknife UCL				3.975153
				Standard Bootstrap UCL				3.897742
				Bootstrap-t UCL				6.462634
RECOMMENDATION				Hall's Bootstrap UCL				9.823862
Data are Non-parametric (0.05)				Percentile Bootstrap UCL				4.112083
				BCA Bootstrap UCL				5.004583
Use 95% Chebyshev (Mean, Sd) UCL				95% Chebyshev (Mean, Sd) UCL				6.703505
				97.5% Chebyshev (Mean, Sd) UCL				8.64902
				99% Chebyshev (Mean, Sd) UCL				12.47061

General Statistics

Data File					Variable:	Total PAHs	
Raw Statistics				Normal Distribution Test			
Number of Valid Samples			24	Shapiro-Wilk Test Statistic			0.425617
Number of Unique Samples			21	Shapiro-Wilk 5% Critical Value			0.916
Minimum			0	Data not normal at 5% significance level			
Maximum			249.9				
Mean			20.68854	95% UCL (Assuming Normal Distribution)			
Median			1.125	Student's-t UCL			38.65621
Standard Deviation			51.35929				
Variance			2637.777				
Coefficient of Variation			2.4825				
Skewness			4.191538				
Gamma Statistics Not Available							
Lognormal Statistics Not Available							
				95% Non-parametric UCLs			
				CLT UCL			37.93265
				Adj-CLT UCL (Adjusted for skewness)			47.51697
				Mod-t UCL (Adjusted for skewness)			40.15117
				Jackknife UCL			38.65621
				Standard Bootstrap UCL			37.31857
				Bootstrap-t UCL			77.61322
RECOMMENDATION				Hall's Bootstrap UCL			95.49495
Data are Non-parametric (0.05)				Percentile Bootstrap UCL			39.0325
				BCA Bootstrap UCL			51.38521
Use 95% Chebyshev (Mean, Sd) UCL				95% Chebyshev (Mean, Sd) UCL			66.38581
				97.5% Chebyshev (Mean, Sd) UCL			86.15905
				99% Chebyshev (Mean, Sd) UCL			124.9998

General Statistics

Data File					Variable:	TPH C10-C36		
Raw Statistics					Normal Distribution Test			
Number of Valid Samples		24		Shapiro-Wilk Test Statistic			0.362694	
Number of Unique Samples		17		Shapiro-Wilk 5% Critical Value			0.916	
Minimum		0		Data not normal at 5% significance level				
Maximum		22100						
Mean		1647.042		95% UCL (Assuming Normal Distribution)				
Median		345		Student's-t UCL			3213.172	
Standard Deviation		4476.672						
Variance		20040595						
Coefficient of Variation		2.718008						
Skewness		4.512949						
Gamma Statistics Not Available								
Lognormal Statistics Not Available								
				95% Non-parametric UCLs				
				CLT UCL			3150.104	
				Adj-CLT UCL (Adjusted for skewness)			4049.57	
				Mod-t UCL (Adjusted for skewness)			3353.47	
				Jackknife UCL			3213.172	
				Standard Bootstrap UCL			3168.192	
				Bootstrap-t UCL			9708.385	
RECOMMENDATION				Hall's Bootstrap UCL			8641.918	
Data are Non-parametric (0.05)				Percentile Bootstrap UCL			3406.167	
				BCA Bootstrap UCL			4333.667	
Use 95% Chebyshev (Mean, Sd) UCL				95% Chebyshev (Mean, Sd) UCL			5630.19	
				97.5% Chebyshev (Mean, Sd) UCL			7353.701	
				99% Chebyshev (Mean, Sd) UCL			10739.21	

General Statistics

Data File					Variable:	Lead		
Raw Statistics				Normal Distribution Test				
Number of Valid Samples			23	Shapiro-Wilk Test Statistic				0.542496
Number of Unique Samples			21	Shapiro-Wilk 5% Critical Value				0.914
Minimum			3	Data not normal at 5% significance level				
Maximum			640					
Mean			91.91304	95% UCL (Assuming Normal Distribution)				
Median			40	Student's-t UCL				149.155
Standard Deviation			159.8718					
Variance			25558.99	Gamma Distribution Test				
Coefficient of Variation			1.739381	A-D Test Statistic				0.848503
Skewness			2.896787	A-D 5% Critical Value				0.791609
				K-S Test Statistic				0.161461
Gamma Statistics				K-S 5% Critical Value				0.189965
k hat			0.647318	Data follow approximate gamma distribution				
k star (bias corrected)			0.591871	at 5% significance level				
Theta hat			141.9905					
Theta star			155.2924	95% UCLs (Assuming Gamma Distribution)				
nu hat			29.77664	Approximate Gamma UCL				153.2894
nu star			27.22607	Adjusted Gamma UCL				159.2565
Approx.Chi Square Value (.05)			16.32487					
Adjusted Level of Significance			0.0389	Lognormal Distribution Test				
Adjusted Chi Square Value			15.71321	Shapiro-Wilk Test Statistic				0.969162
				Shapiro-Wilk 5% Critical Value				0.914
Log-transformed Statistics				Data are lognormal at 5% significance level				
Minimum of log data			1.098612					
Maximum of log data			6.461468	95% UCLs (Assuming Lognormal Distribution)				
Mean of log data			3.576824	95% H-UCL				253.7323
Standard Deviation of log data			1.420247	95% Chebyshev (MVUE) UCL				231.7372
Variance of log data			2.017101	97.5% Chebyshev (MVUE) UCL				292.8194
				99% Chebyshev (MVUE) UCL				412.8038
				95% Non-parametric UCLs				
				CLT UCL				146.7452
				Adj-CLT UCL (Adjusted for skewness)				168.2602
				Mod-t UCL (Adjusted for skewness)				152.5109
				Jackknife UCL				149.155
				Standard Bootstrap UCL				146.1707
				Bootstrap-t UCL				303.4701
RECOMMENDATION				Hall's Bootstrap UCL				427.6462
Assuming gamma distribution (0.05)				Percentile Bootstrap UCL				149.3913
				BCA Bootstrap UCL				170.9565
Use Approximate Gamma UCL				95% Chebyshev (Mean, Sd) UCL				237.2194
				97.5% Chebyshev (Mean, Sd) UCL				300.0936
				99% Chebyshev (Mean, Sd) UCL				423.5978