



Agenda Manly Lagoon Catchment Coordinating Committee - 29th January 2015

ITEM 6 Water Pollution and Sediment Depositing in Manly Golf Course

Submitted by Michael Bradbury on behalf of Manly Golf Course

A letter was sent to Manly Council in June 2014 regarding sedimentation and rubbish entering the Clubs property from council managed areas. While the Club invested over \$200,000 on the Gross pollutant trap collecting from the stormwater infrastructure at Balgowlah and Hill streets plus its ongoing cleaning cost, no treatment takes place on the Fairlight Hill catchment. The attached photos show the algae growth from the nutrient rich sediment deposits in the creek north of Graham Reserve. While the Club desires to keep the creek in its natural open state with the Riparian vegetation that has been established the health and visual concerns are a major issue for the Club. The Club requests council install a suitable sediment removal device in Graham reserve.

The Club is yet to receive any reply from Council regarding these issues raised in the letter.

A presentation will be provided by Mr Michael Bradbury.

ITEM 7 Warringah Estuary Health Report Card

Submitted by Warringah Council

A short presentation will be provided on the Warringah Estuary Health Report Card, including a discussion of some key observations during the 2013-14 sampling season.

Recommendation

That the information be received and noted.

ITEM 8 Manly Lagoon Floodplain Risk Management Study and Plan

Submitted by Warringah Council

The tender documents for the Manly Lagoon Floodplain Risk Management Study and Plan are nearing finalisation, and will be released by the end of January 2015. The project has an expected duration of 18 months to 2 years.

Recommendation

That the information be received and noted and that the MLCCC be kept informed about the project.

ITEM 9 Update from Sydney Water

Submitted by Norm Nikolich

See Attachment 3 - Update from Sydney Water – January 2015

ITEM 10 General Business brought to the Attention of the Chair Prior to the Meeting and Approved for Consideration

ITEM 11 Dates for Next Meetings:

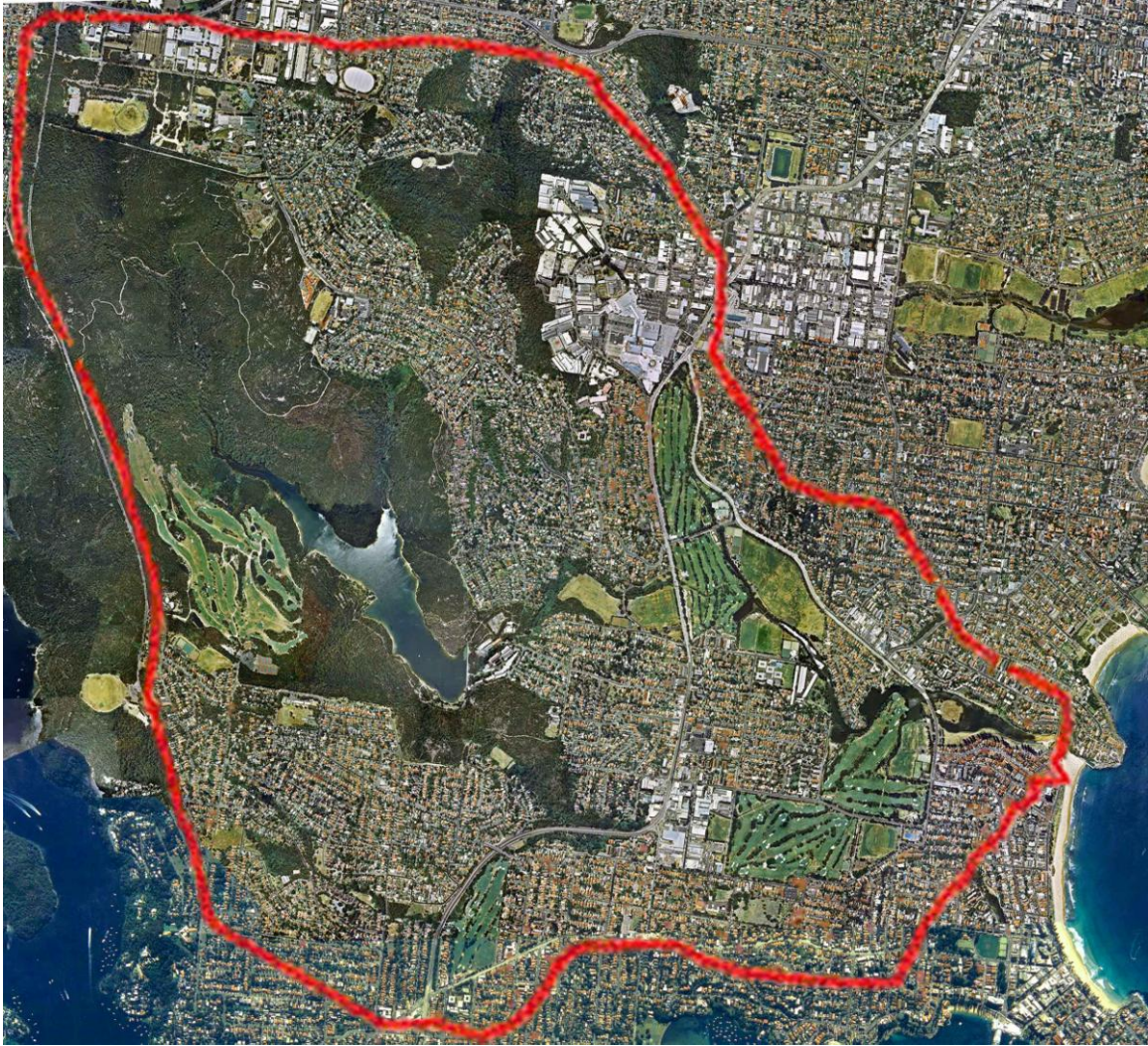
Thursday 30th April 2015

Thursday 30th July 2015

Thursday 29th October 2015

Attachment 1 – Indicative Map showing the extent of Manly Lagoon Catchment.

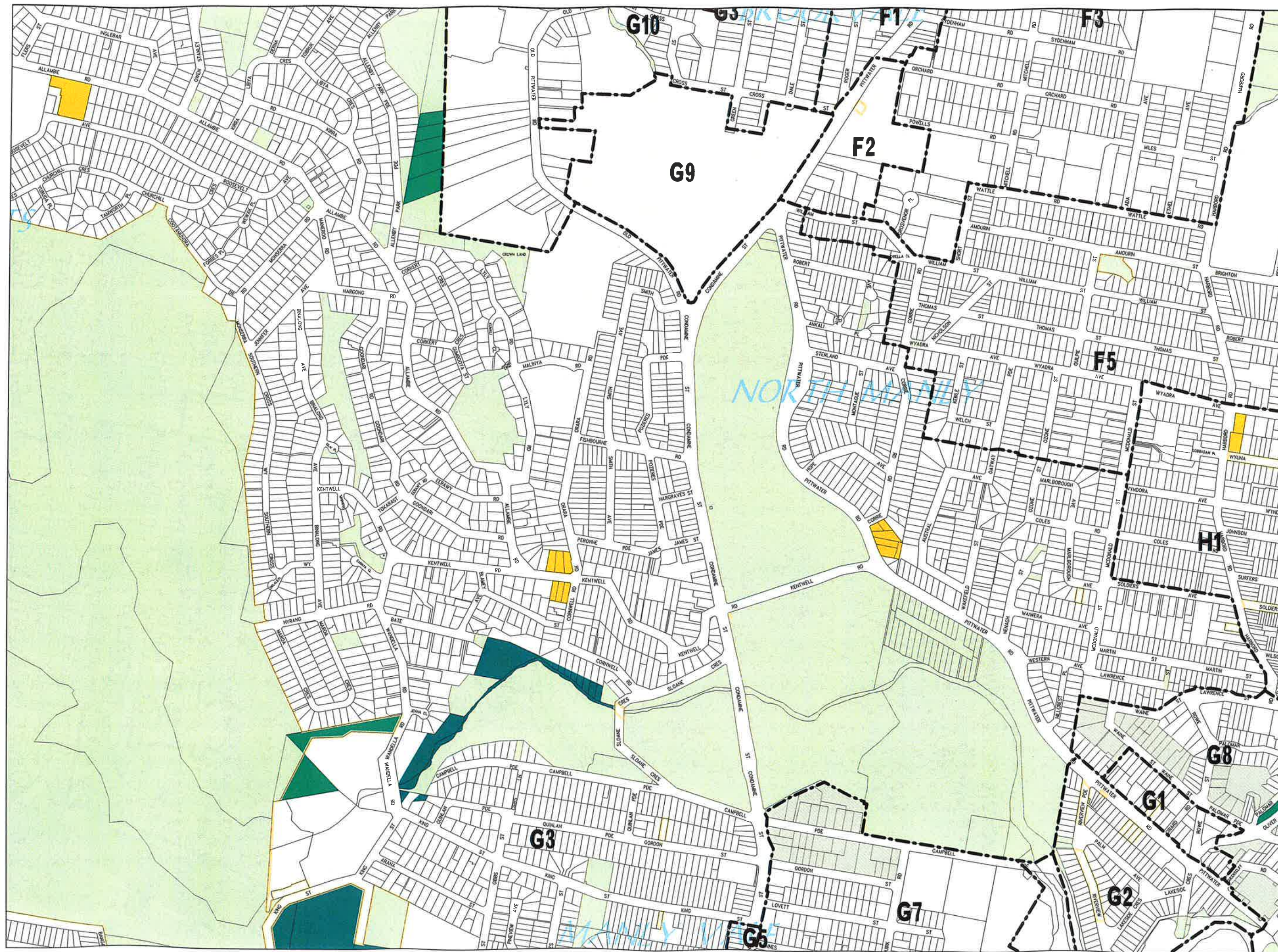
The catchment draining to Manly Lagoon is approximately 18 square kilometres, and includes the suburbs of Balgowlah, North Balgowlah, Allambie Heights, Manly Vale, North Manly, Queenscliff, or parts thereof, as well as Manly Dam, four Golf Courses, and Warringah Mall.



Attachment 2 – Planning Maps of Former and Current Zoning for Lots Adjacent to Mermaid Pool

List of Maps as follows:

- 1st Map – Warringah LEP 2000
- 2nd Map – Warringah LEP 2000 Detailed
- 3rd Map – Warringah LEP 2000
- 4th Map – Warringah LEP 2011
- 5th to 9th Maps – Warringah LEP 2011 Detailed



Map Book
Sheet 35



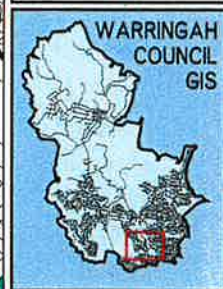
Scale 1:8000

Produced by GIS/IT Branch

1/12/2000

INDEX

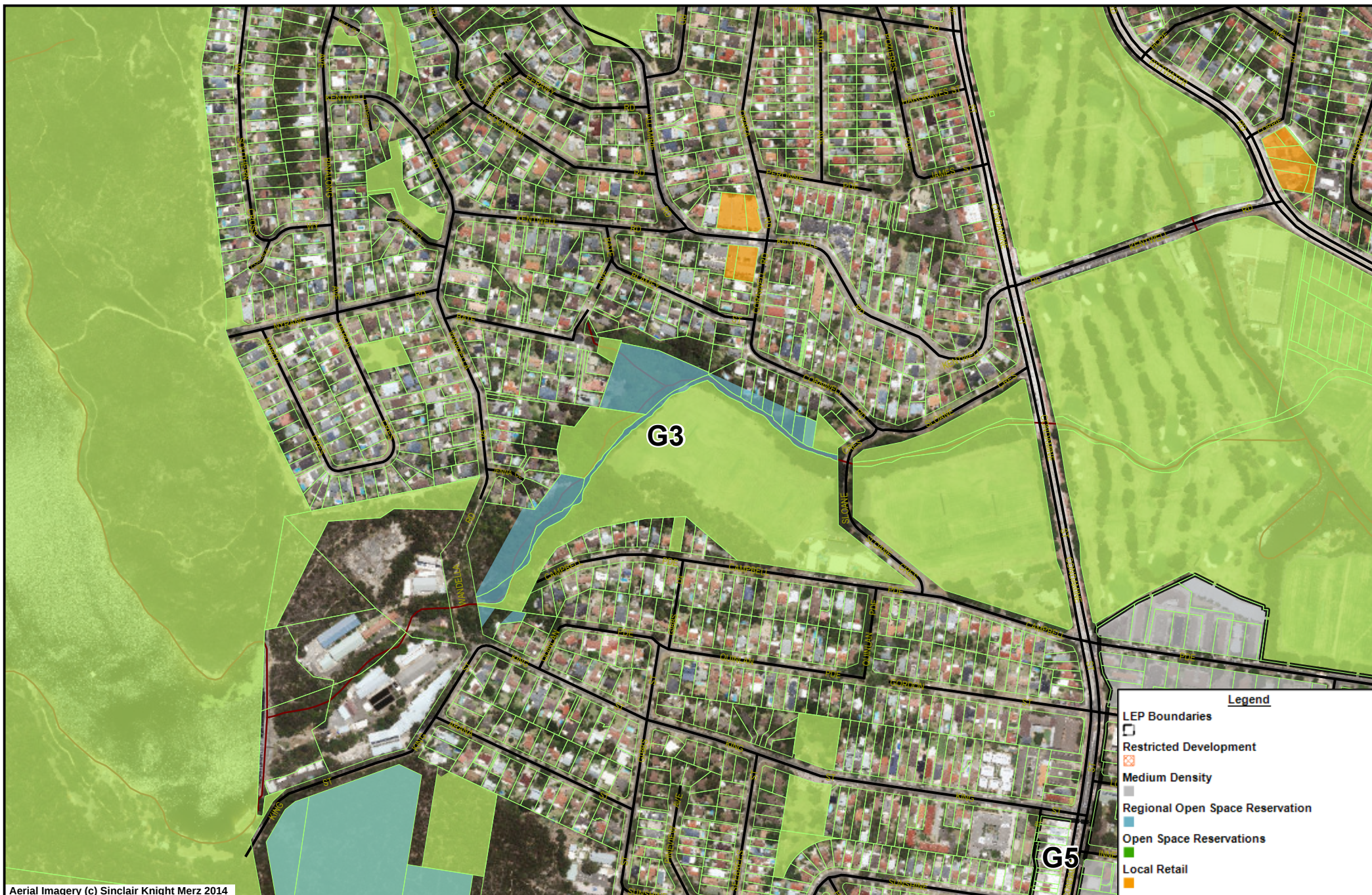
- Regional Open Space Reservation
- Arterial Road Reservation
- Deferred Matter
- Local Retail Centre
- Cross Hatched Area
- Public Open Space
- Open Space Reservation
- Locality Boundary
- Heritage Items
- Setback Line
- Medium Density Area



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Address to Warringah Council, Civic Centre, Dee Why 2099.
This is a representation of the Warringah LEP 2000. Whilst all care has been taken to ensure that this document accurately reflects the Warringah LEP 2000, where any inconsistency exists, the provisions of the gazetted LEP 2000, deposited in Council's office, shall prevail.





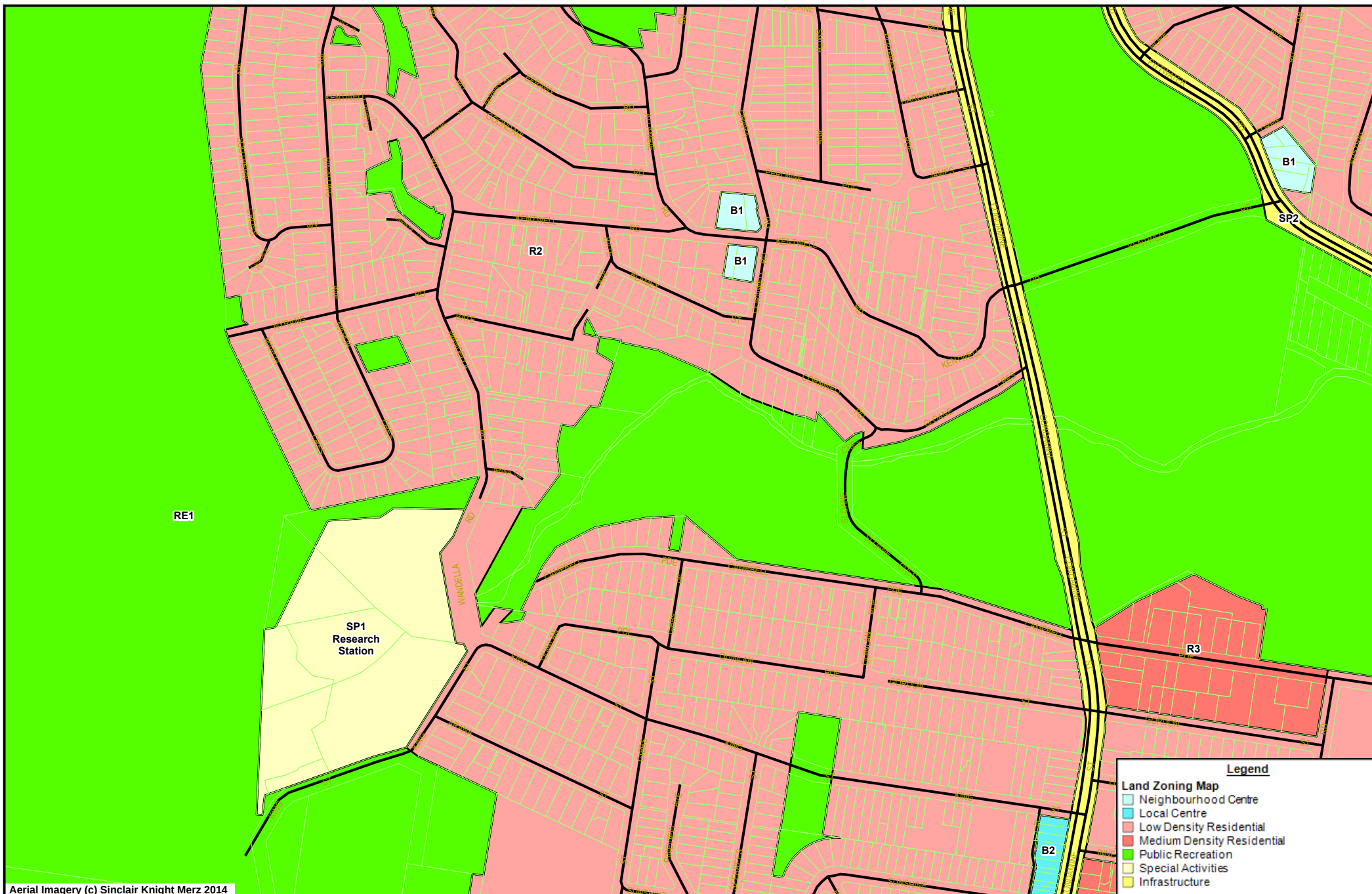
Aerial Imagery (c) Sinclair Knight Merz 2014

Scale 1:6747

Date Printed 08/01/2015

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Parcel One (Lot 7371 DP1165577)

7371 / 1165577 Bate Avenue ALLAMBIE HEIGHTS NSW 2100

Address: 7371 / 1165577 Bate Avenue ALLAMBIE HEIGHTS NSW 2100

Property Number: 331713

Status: C

Ward: B

Title(s): Lot 7371 DP 1165577

Location

History

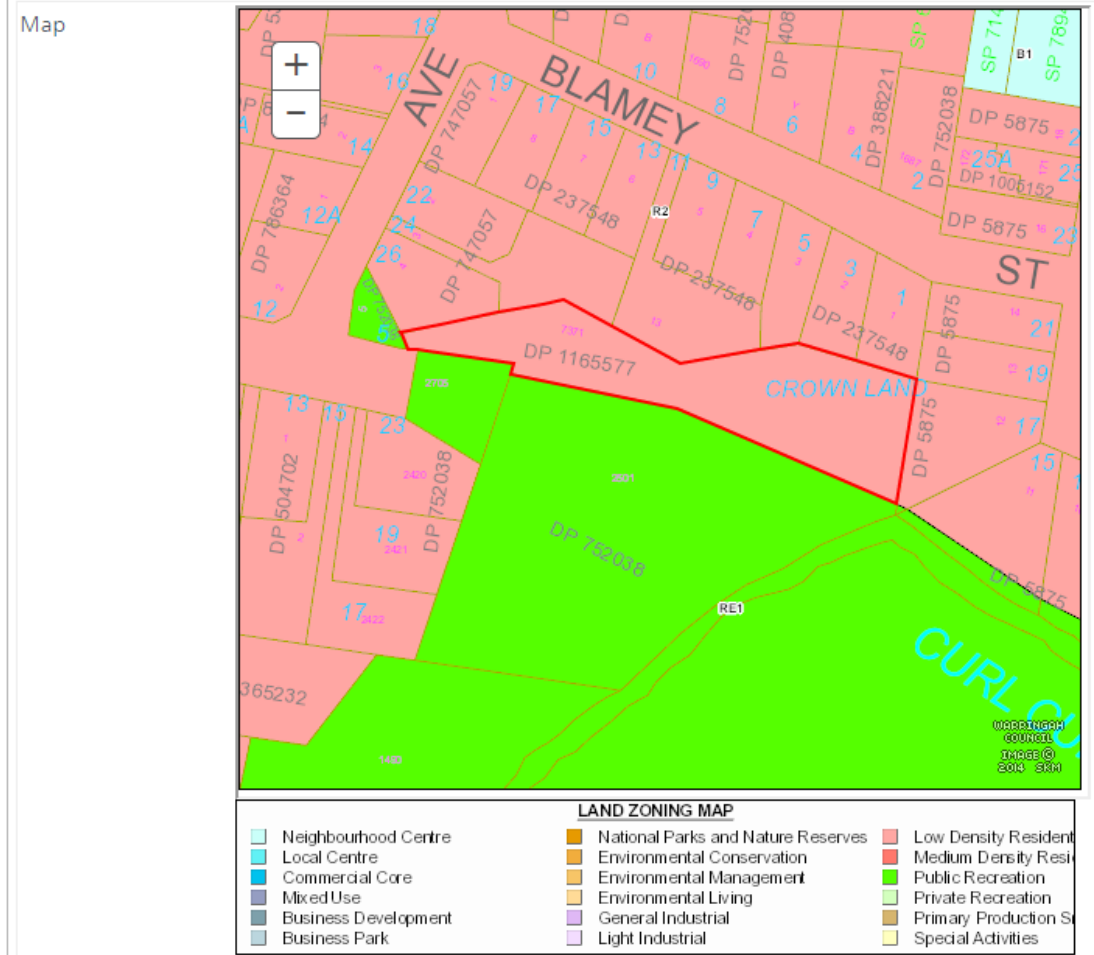
Documents

Attributes

Permissibility

Show All

Location



Parcel Two (Lot 2501 DP 752038)

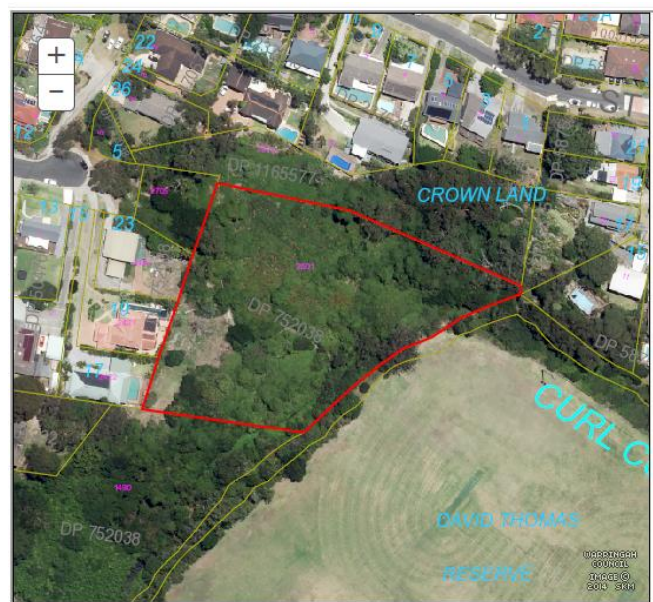
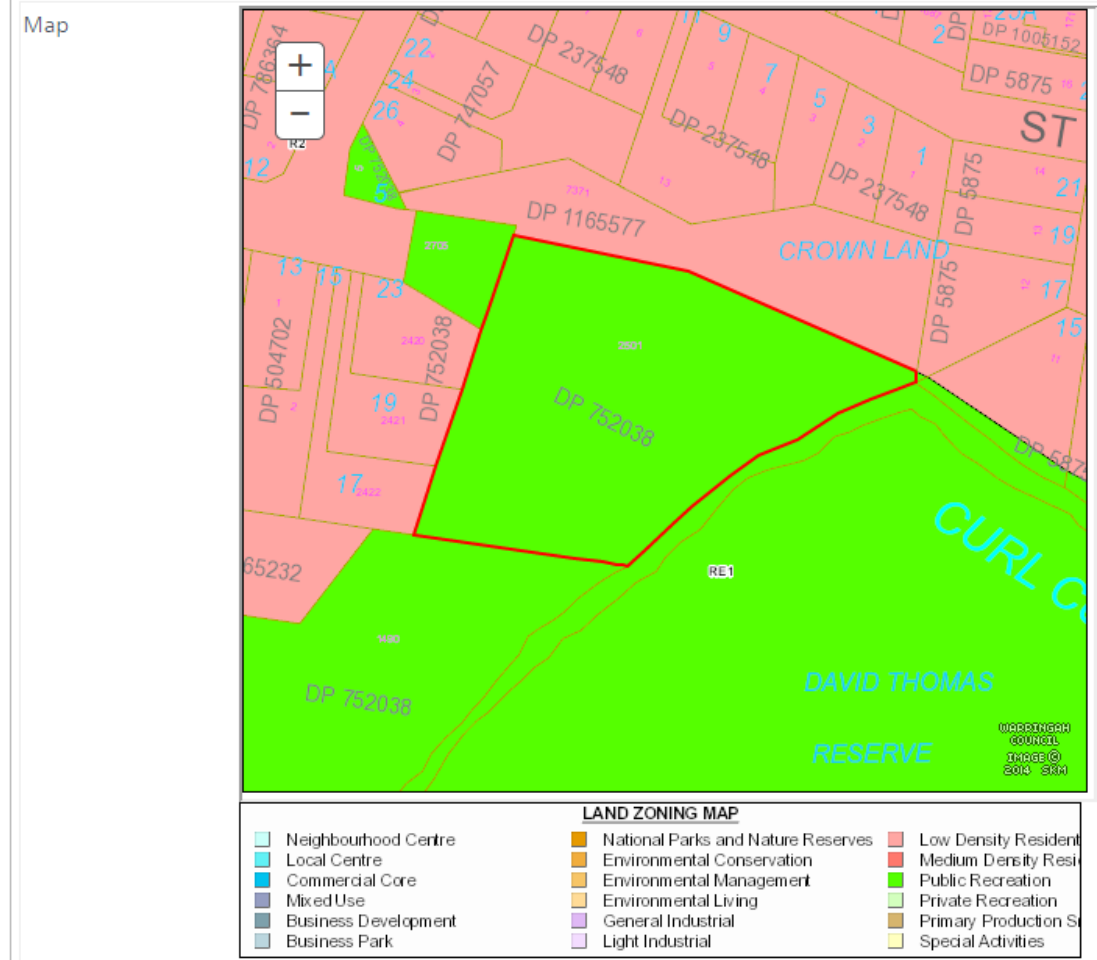
2501 / 0 Bate Avenue ALLAMBIE HEIGHTS NSW 2100

Address:	2501 / 0 Bate Avenue ALLAMBIE HEIGHTS NSW 2100
Property Number:	326734
Status:	C
Ward:	B

Title(s):	Lot 2501 DP 752038
Land Area:	8200.00 SqM

Location	History	Documents	Attributes	Permissibility	Show All
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Location



Parcel 3 (Lot 7369 DP1165551)

Applications

Find an Application

Map Recent Applications

Submit an Application

Properties

Property Search

Search By Map

Heritage Items

Planning

Warringah LEP 2011

Warringah LEP 2000

Warringah DCP

Planning Rules Enquiry

Rules for a property

Rules for a development

Rules for a zone

Planning Maps

Popular DA Searches

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Received this Month

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Councillor Portal

Home

7369 / 1165551 Wandella Road ALLAMBIE HEIGHTS NSW 2100

Address: 7369 / 1165551 Wandella Road ALLAMBIE HEIGHTS NSW 2100

Property Number: 331610

Status: C

Ward: B

Title(s): Lot 7369 DP 1165551

LocationHistoryDocumentsAttributesPermissibilityShow All

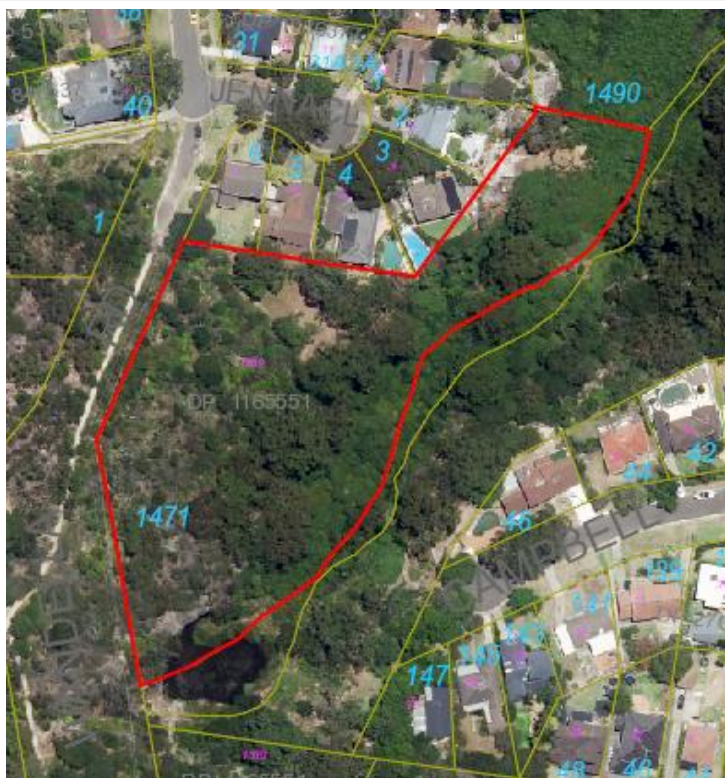
Location

Map

LAND ZONING MAP

Neighbourhood Centre	National Parks and Nature Reserves	Low Density Residential
Local Centre	Environmental Conservation	Medium Density Residential
Commercial Core	Environmental Management	Public Recreation
Mixed Use	Environmental Living	Private Recreation
Business Development	General Industrial	Primary Production
Business Park	Light Industrial	Special Activities

AerialsZoning



Parcel 4 (Lot 7370 DP 1165551)

Applications

Find an Application

Map Recent Applications

Submit an Application

Properties

Property Search

Search By Map

Heritage Items

Planning

Warringah LEP 2011

Warringah LEP 2000

Warringah DCP

Planning Rules Enquiry

Rules for a property

Rules for a development

Rules for a zone

Planning Maps

Popular DA Searches

Received this Week

Received this Month

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Councillor Portal

Home

7370 / 1165551 - 9998 King Street MANLY VALE NSW 2093

Address: 7370 / 1165551 - 9998 King Street MANLY VALE NSW 2093

Property Number: 327274

Status: C

Ward: B

Title(s): Lot 7370 DP 1165551

Location

History

Documents

Attributes

Permissibility

Show All

Location

Map

LAND ZONING MAP

Neighbourhood Centre	National Parks and Nature Reserves	Low Density Residential
Local Centre	Environmental Conservation	Medium Density Residential
Commercial Core	Environmental Management	Public Recreation
Mixed Use	Environmental Living	Private Recreation
Business Development	General Industrial	Primary Production
Business Park	Light Industrial	Special Activities

Aerials

Zoning



David Thomas Reserve Campbell Parade MANLY VALE NSW 2093

Address:	David Thomas Reserve Campbell Parade MANLY VALE NSW 2093
Property Number:	328850
Status:	F
Ward:	Unknown
Title(s):	Lot 2748 DP 752038
Land Area:	6.39 Ha

Location

History

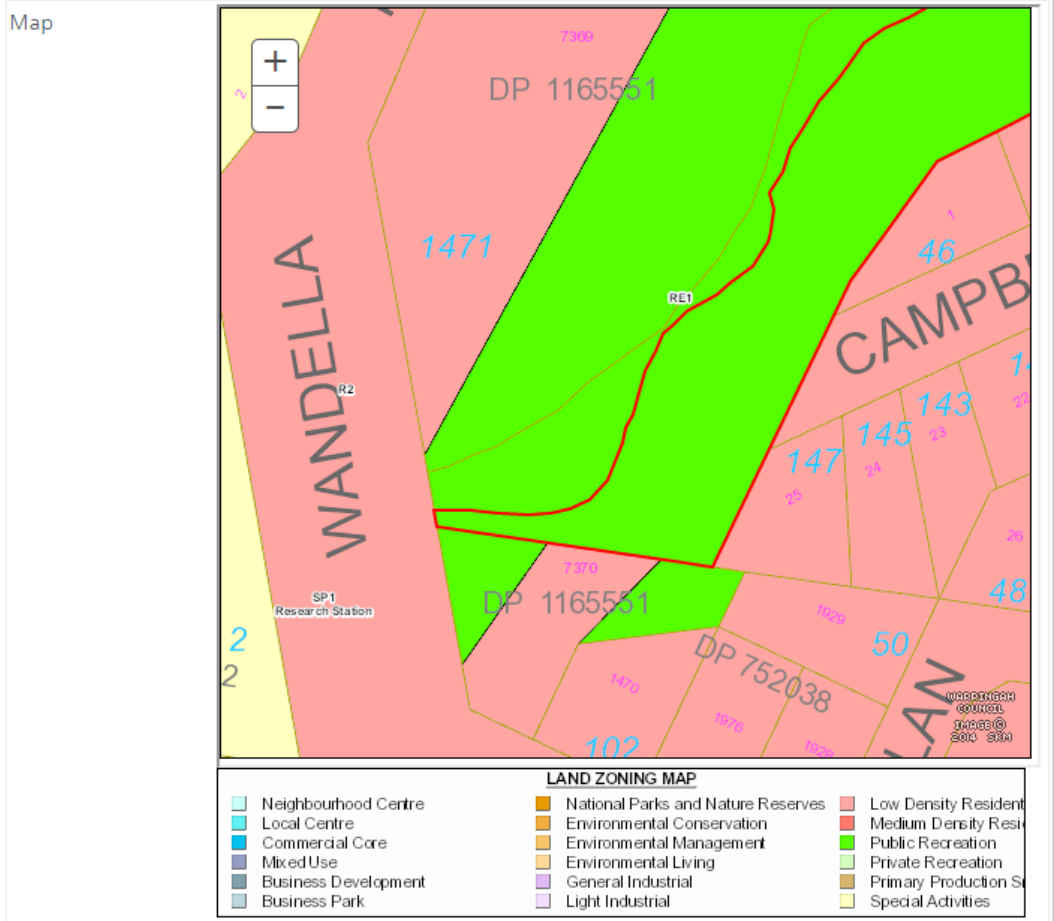
Documents

Attributes

Permissibility

Show All

Location





Sydney Water update – January 2015
North Head Wastewater Treatment Plant (WWTP)

Sydney Water has two projects at North Head WWTP that will help manage odour:

- replacing the Northern Suburbs Ocean Outfall Sewer (NSOOS) scrubber
- adding an extra cogeneration plant.

Replacing odour scrubber

Sydney Water is replacing the NSOOS scrubber at North Head WWTP with bio-trickling filters (BTFs). The scrubber treats air from the NSOOS and underground screenings area of the plant.

Five of the nine BTFs have been installed and the remaining four will be delivered, assembled and installed in February. They will need to be brought to the plant outside of normal working hours to meet Council and Roads and Maritime Services (RMS) requirements. Out of hours deliveries usually happen about 4.30am.

The installation of mechanical equipment for the new scrubber is underway and should be finished in March. Electrical work will start in late February once all nine BTFs are installed.

The upgrade of the underground NSOOS ventilation system is going well. Electrical work has started to connect newly installed fans and testing of the entire system continues to make sure it is working as designed.

Adding an extra cogeneration plant

Testing is complete for the new cogeneration facility. It is now fully operational and producing green energy.

North Head WWTP produces 2.4 megawatts of power from renewable resources. We:

- turn methane gas (biogas), a waste product of wastewater treatment, into electricity through a process known as cogeneration
- produce hydroelectricity by capturing energy from treated wastewater descending a 60 metre drop shaft.

The new cogeneration plant means North Head WWTP will be able to generate over 50 per cent of its dry weather electricity needs.

Narrabeen Wastewater Submain Project

Since August 2013, Sydney Water's contractor, Water Infrastructure Group (WI Group) has been repairing a large wastewater pipe known as the Narrabeen Submain. Repairs have been completed in North Manly, Collaroy, Cromer, North Curl Curl and Brookvale. Work in Manly Vale and Balgowlah is still progressing.

Close to 3.9 kilometres of pipe is being repaired and the maintenance holes are up to 33 metres deep. This work will improve the wastewater system and involves:

- cleaning and preparing internal concrete surfaces
- removing and disposing of silt and debris
- installing a structural liner inside the pipe
- building new maintenance holes.

Repairs on the section of pipe running through Warringah Golf Course has been completed and the work sites restored. Asbestos was found in a section of pipe in Manly Vale and has safely been removed. The new maintenance hole constructed in the Coles car park in Koorala Street, Manly Vale is being used as access into the pipe for crews.

Work is expected to be completed late February 2015, weather permitting. The completion date has been extended due to wet weather and asbestos being found in the pipe.

Affected stakeholders and residents have been consulted throughout our work. Controls are in place to minimise impacts on residents and businesses.

Work is mostly done at night when wastewater flows in the pipe are at their lowest level. Night work hours are Sunday to Friday, 10 pm to 8 am. Deliveries and some minor work are done during the day between 7 am and 5 pm, Monday to Friday.

For more information visit sydneywater.com.au under Current projects.