



Attachments

Ordinary Meeting

Notice is hereby given that an Ordinary Meeting of Council will be held at Council Chambers, 1 Belgrave Street, Manly, on:

Monday 13 October 2014

Commencing at 7.30pm for the purpose of considering items included on the Agenda.

Persons in the gallery are advised that the proceedings of the meeting are being taped. However, under the Local Government Act 1993, no other tape recording is permitted without the authority of the Council or Committee. Tape recording includes a video camera and any electronic device capable of recording speech.

Copies of business papers are available at the Customer Service Counters at Manly Council, Manly Library and Seaforth Library and are available on Council's website:

www.manly.nsw.gov.au

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******* END OF ATTACHMENTS *******

Environmental Services Division Report No. 39.DOC - Proposal to Amend Manly Development Control Plan 2013 in relation to land in LEP Zone B1 Neighbourhood Centre Proposed Amendment to Manly DCP 2013

Report to the LEP DCP Working Party – June 2014

Proposal to Amend Manly Development Control Plan 2013 in relation to land in LEP Zone B1 Neighbourhood Centre

Background and Introduction

Council's LEP DCP Working Party considered a report at its meeting of 1 May 2014 and recommended in relation to this matter that:

- further controls and provisions are considered in relation to noise, odour, hours of operation, liquor licences, and waste collection. Each of these issues is considered and incorporated into proposed amendments described in this report and drafted as DCP amendments in an attachment.
- the character of the neighbourhood centres is maintained particularly in relation to scale and massing. Local character is considered and incorporated into amendments recommended and drafted in this report.
- a survey of land uses in neighbourhood centres be undertaken. A land use inventory is attached to this report including a photographic survey to provide a more detailed profile of each neighbourhood.

Proposed Amendments

In addition to new paragraphs at 4.2.8 Neighbourhood Centres as previously reported to the Committee it is also proposed to draft further amendments as have been suggested by the Working Party. Both the previously reported amendments and the further amendments reported are drafted at Attachment 3 of this report. The proposed amendments are described below in relation to each of the matters raised by the Working Group.

Noise, odour

New paragraphs in relation to the Neighbourhood Centres are proposed to reference paragraph 3.4 Amenity (Views, Overshadowing, Overlooking /Privacy, Noise) and paragraph 3.9.3 Noise from Mechanical Plant.

In addition to proposed references it is also proposed that Objective 1 under paragraph 3.4 Amenity be amended to insert 'including noise impacts' after 'general amenity of adjoining and nearby properties'.

Paragraph 3.4.2.4 Acoustical Privacy (Noise Nuisance) and paragraph 3.4.2.5 Other Nuisance (Odour, Fumes etc) have also been reviewed. In this regard paragraph 3.4.2.4(a) currently states:

Consideration must be given to the protection of acoustical privacy in the design and management of development.

and paragraph 3.4.2.5 currently states:

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Consideration must be given to the protection of public health and amenity in relation to any proposed development that involves the emission of odours to ensure compliance with legislation, for example food premises near residential accommodation. Council may require a report to be prepared by an air pollution consultant specifying odour control and other air impurity control methods.

In relation to paragraph a) above it is also proposed to state that Council may require a report to be prepared by a Noise Consultant that would assess likely noise impacts and may include noise mitigation strategies and measures.

Hours of operation

New paragraphs in relation to the Neighbourhood Centres are proposed to reference paragraph 3.4 Amenity (Views, Overshadowing, Overlooking /Privacy, Noise) including service deliveries/ collections. In particular it is proposed to state that in relation to the consideration of hours of operation for proposed development in Neighbourhood Business zones that particular regard will be given to potential impacts of the development on neighbourhood amenity under paragraph 3.4 of the DCP including visual and acoustical privacy as well as odours and security.

Liquor licences

The issue of liquor licensing in relation of premise in Neighbourhood Centre Zones has been a matter that was previously considered in the drafting on Manly LEP 2013 land use tables. In particular it is noted that certain food and drink premises including Clubs and Small Bars have not been permitted in the LEP B1 Zone. Small bars are defined in the Liquor Act as generally comprising no more than 60 patrons. Permissibly of such uses is considered to remain inappropriate in relation to Neighbourhood Centres also adjoining General and Low Density Residential Zones. The provisions of on licences in relation to restaurants operate in concord with the controls and provisions of the DCP as well as conditions drafted for DAs in relation to individual premises.

Waste collection

New paragraphs in relation to the Neighbourhood Centres are proposed to reference paragraph 3.8 Waste Management and paragraph 2.1.12 Waste Management Plans in relation to the submission of Waste Management Plans with DAs and the requirements for waste and recycling storage areas for development. In this regard, boarding houses are rated with commercial waste service and it is recommended in the DCP that waste contractors are consulted early in the development process to ensure that garbage storage areas are adequately designed (paragraph 3.8.1.a.iv).

Local character

New Paragraphs in relation to the Neighbourhood Centres are proposed to reference a number of paragraphs in the DCP requiring consideration of local character. Paragraph 2.1.2 Context and Site Analysis requires that all development be designed with regard to local site characteristics and in context with the locality. Detailed considerations for the context and site analysis of the proposed development are comprehensively listed at paragraph 2.1.2.2 (a) to (u).

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Paragraph 3.1.3 Townscape (Local and Neighbourhood Centres) provides a range of townscape design principles applicable to all development in both Local and Neighbourhood Centres to maintain and enhance local character.

Paragraph 4.2.8 Neighbourhood Centres provides particular guidelines in relation to Neighbourhood Centres and notes that each Centre has its own characteristic scale and style and that new development should generally be at a scale which does not adversely affect the surrounding residential areas.

Conclusion

Manly's Neighbourhood Centres zoned B1 Neighbourhood Centre in Manly LEP 2013 are reviewed and recommendations made to amend Manly DCP 2013 to further support the Zone Objectives.

A profile of each of these Neighbourhood Centres is provided at Attachment 1 to this report including relevant planning details and an inventory of existing land uses requested by the Working Party and also including a photographic record of each Centre.

Recommendation

THAT the LEP DCP Working Group considers and supports the proposed amendments to the DCP reported in relation to land zoned B1 Neighbourhood Centres with a view to reporting these amendments to the next available Planning and Strategy Meeting of Council.

Attachments

Attachment 1: Manly Neighbourhood Centre Study - Land Uses Inventory
Attachment 2: Proposed Amendment to Manly DCP 2013

ATTACHMENT 1

Environmental Services Division Report No. 39.DOC - Proposal to Amend Manly Development Control Plan 2013 in relation to land in LEP Zone B1 Neighbourhood Centre
Proposed Amendment to Manly DCP 2013

Attachment 1 - Manly Neighbourhood Centres Study – Land Use Inventory

Land Uses and Photos recorded between 19th May 2014 and 26th May 2014

Neighbourhood Centre	Page
Addison Road / High Street, Manly	5
Beatrice Street / New Street, Balgowlah Heights	6
Burnt Street / Kirkwood Street, North Balgowlah	7
Birkley Street / Augusta Road, Fairlight	8
Collingwood Street / North Steyne, Queenscliff	9
Darley Road, Manly	10
Dobroyd Road / Vista Avenue, Balgowlah Heights	11
Frenchs Forest Road / Brook Road, Seaforth	12
Lower Beach Street / North Harbour Reserve, Balgowlah	13
Marine Parade / Bower Lane, Manly	14
Montauban Avenue / Philip Avenue, Seaforth	15
Pittwater Road / Balgowlah Road, Manly	16
Pittwater Road / Collingwood Street, Manly	17
Pittwater Road / various between Alexander Road to Carlton St), Manly	18
Sydney Road, Fairlight	19
Sydney Road / Cohen Street, Fairlight	20
Sydney Road / Hill Street, Fairlight	21
Sydney Road / George Street, Fairlight	22
Sydney Road / Austin Street, Fairlight	23
Sydney Road / Dudley Street & Whittle Ave, Balgowlah	24
Sydney Road / Wanganella Street, Balgowlah	25
West Street, Balgowlah	26

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Neighbourhood Profile – Addison Road / High Street, Manly

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (surrounding 0.6:1) HOB:8.5m (surrounding same) LSZ: nil (surrounding 250sqm)	Zone No. 3 Business Zone	Zone B1 Neighbourhood Centre	Nil (surrounding D3)	Nil (surrounding OS3)

Land Uses

Address	Land Use	Photo reference
71 Addison Road	Residential Flat	PX093
73 Addison Road	Retail (Launderette) & Shop top Housing	PX091
79 Addison Road	Retail (Chinese Restaurant)	PX092
81 Addison Road	Retail (Small Supermarket)	PX094, PX095

Locality Map



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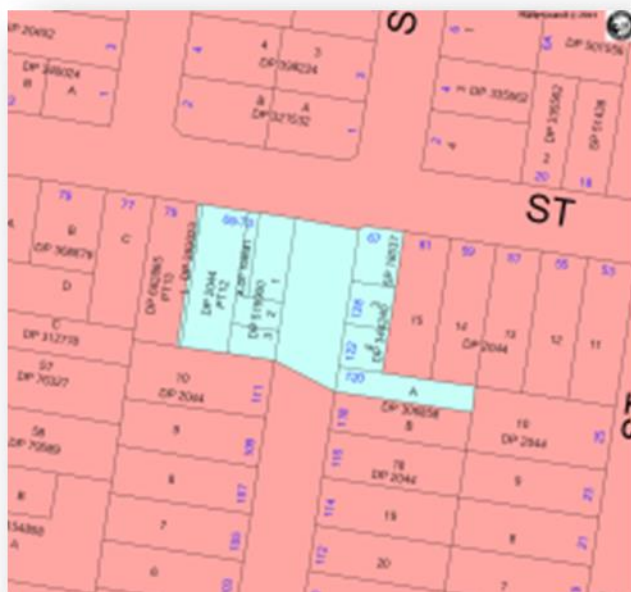
Neighbourhood Profile – Beatrice Street / New Street, Balgowlah Heights

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (surrounding 0.45:1) HOB:8.5m (surrounding same) LSZ: nil (surrounding 500sqm)	Zone No. 3 Business Zone	Zone B1 Neighbourhood Centre	Nil (surrounding D5)	Nil (surrounding OS3)

Land Uses

Address	Land Use	Photo reference
69-73 New Street	Newsagent, Fine Foods Store, Butchers, Cafe, Childrens Fashion, Health Foods and Services, Bakery, Post Office/Hardware, IGA Supermarket and Liquor Store & Shop top Housing	073 to 080, 082 to 086
120 Beatrice Street	Indoor Cycle Gym	095, 096
122 Beatrice Street	Fruit Market, Deli, Hair & Makeup Studio. Offices upstairs (Speech Pathology, Education/ Training Office	091 to 094, 097
128 Beatrice Street	Gift Store, Health Centre (Nutritionists, Reeki Therapists, Life Coaches & Wellness Consultants), Hair and Beauty Salon & Shop top Housing	087 to 089
67 New Street	Chemist, Dermal Therapist, Ladies Fashion & Shop top Housing	See 69-73 New Street image references.

Locality Map



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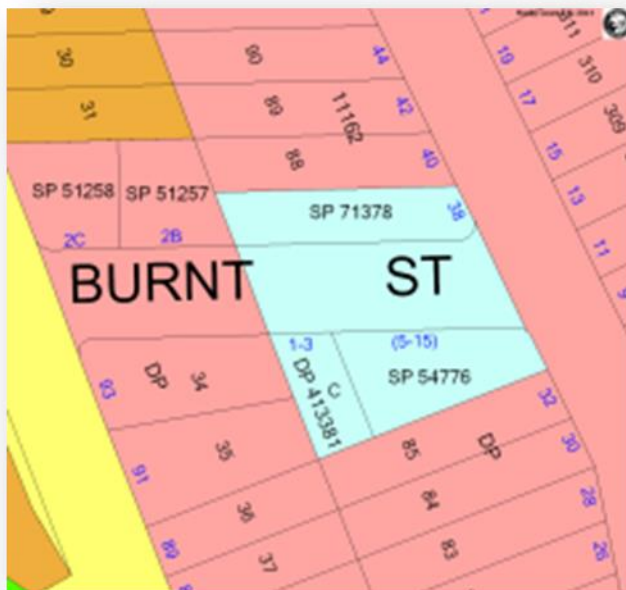
Neighbourhood Profile – Burnt Street / Kirkwood Street, North Balgowlah

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (surrounding 0.45:1) HOB:8.5m (surrounding same) LSZ: nil (surrounding 500sqm)	Zone No. 3 Business Zone	Zone B1 Neighbourhood Centre	Nil (surrounding D5)	Nil (surrounding OS3)

Land Uses

Address	Land Use	Photo reference
1-3 Burnt Street	Retail (Carpet/Fabric Store, Furniture Repair), & Shop top Housing	PX108 to PX114
5-15 Burnt Street	Retail (Upholstery Store) & Shop top Housing	PX108 to PX114
38 Kirkwood Street	Residential Terraces & Physiotherapist, Counselling, Dietry and Pilates Consultant	PX115 to PX120

Locality Map



Environmental Services Division Report No. 39.DOC - Proposal to Amend Manly Development Control Plan 2013 in relation to land in LEP Zone B1 Neighbourhood Centre Proposed Amendment to Manly DCP 2013

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (surrounding 0.6:1) HOB:8.5m (surrounding same) LSZ: nil (surrounding 250sqm)	Zone No. 3 Business Zone	Zone B1 Neighbourhood Centre	D3 (surrounding same)	OS3 (surrounding same)

Property	Land Use	Site/ File Observations
59 Birkley Road	General Store	PX098

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Neighbourhood Profile – Collingwood Street / North Steyne, Queenscliff

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (adjoining 0.6:1 & across St 1.5:1) HOB:8.5m (adjoining same & across St 13m) LSZ: nil (surrounding 250sqm)	Zone No. 2 Residential Zone	Zone B1 Neighbourhood Centre	D3 (surrounding same & across St D1)	OS3 (surrounding same & across St OS1)

Land Uses

Property	Land Use	Site/ File Observations
73 Collingwood Street	Take-a-way Foods	PX071, PX072
75 Collingwood Street	Residential Accomodation	PX073, PX074
77 Collingwood Street	General Store & Shop to Housing	PX075, PX076

Locality Map



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LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (surrounding 0.6:1) HOB:8.5m (surrounding same) LSZ: nil (surrounding 250sqm)	Zone No. 2 Residential Zone (EURS)	Zone B1 Neighbourhood Centre	D3 (surrounding same)	OS3 (surrounding same)

Property	Land Use	Site/ File Observations
37 Darley Road	Vacant (previously Newagency / Post Office & Convenience Store & Shop to Housing	PX077 to PX079

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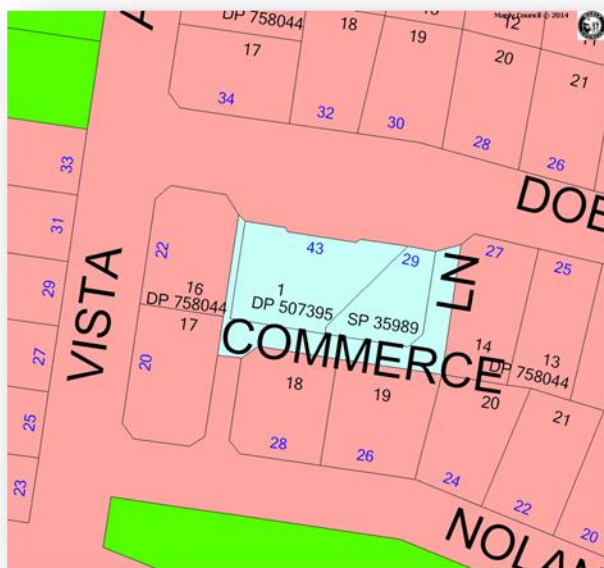
Neighbourhood Profile – Dobroyd Road / Vista Avenue, Balgowlah Heights

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (surrounding 0.45:1) HOB:8.5m (surrounding same) LSZ: nil (surrounding 500sqm)	Zone No. 3 Business Zone	Zone B1 Neighbourhood Centre	Nil (surrounding D5)	Nil (surrounding OS3)

Land Uses

Property	Land Use	Site/ File Observations
29 Dobroyd Road	Commercial Suites (Catering Business including Kitchens and Administration, Realty Solicitor/ Managment Services)	PX141 to PX143
43 Dobroyd Road	Mechanical Repair Garage	PX144

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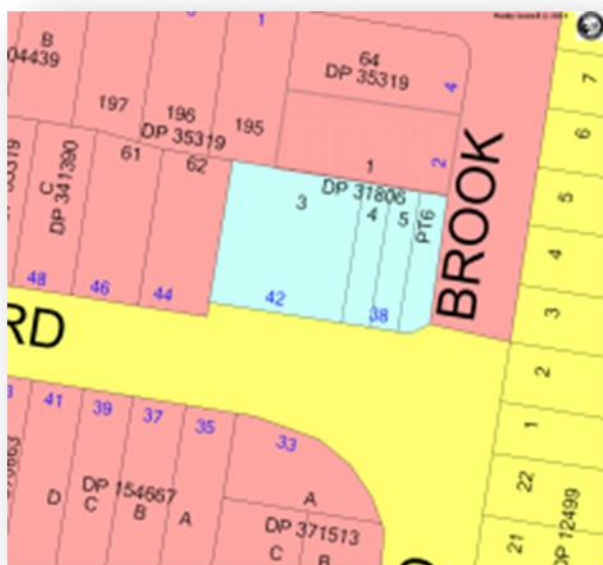
Neighbourhood Profile – Frenchs Forest Road / Brook Road, Seaforth

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (surrounding 0.45:1) HOB:8.5m (surrounding same) LSZ: nil (surrounding 500sqm)	Zone No. 3 Business Zone	Zone B1 Neighbourhood Centre	Nil (surrounding D5)	Nil (surrounding OS3)

Land Uses

Property	Land Use	Site/ File Observations
38 Frenchs Forest Road	Asian Take-a-Way Food, Pool Shop, Convenience Store, Hairdressers, Cafe, Naturopath Clinic and Shop, Printing services and Shop	PX132 to PX140
42 Frenchs Forest Road	Retail Tile & Paving Showroom	PX130, PX131

Locality Map



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Neighbourhood Profile – Lower Beach Street / North Harbour Reserve, Balgowlah

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (surrounding 0.45:1) HOB:8.5m (surrounding same) LSZ: nil (surrounding 500sqm)	Zone No. 2 Residential Zone (EURS)	Zone B1 Neighbourhood Centre	D5 (surrounding same)	OS3 (surrounding same)

Land Uses

Property	Land Use	Site/ File Observations
11 Lower Beach Street	Cafe & Shop top Housing	PX146, PX147

Locality Map



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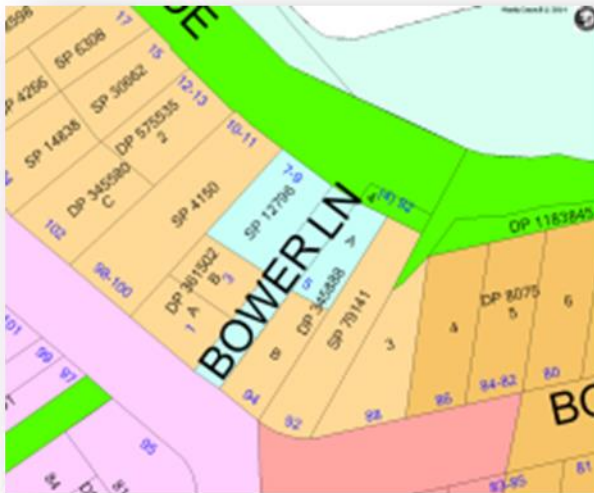
Neighbourhood Profile – Marine Parade / Bower Lane, Manly

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR: 1:1 (surrounding 0.6:1 to west & 0.45:1 to east) HOB: 8.5m (surrounding same) LSZ: nil (surrounding 250sqm to west & 500sqm to east)	Zone No. 2 Residential Zone	Zone B1 Neighbourhood Centre	D3 (west) & D5 (east)	OS3 (surrounding same)

Land Uses

Property	Land Use	Site/ File Observations
5 Marine Parade	Cafe and Beach Hire & Shop Top Housing	PX083
7-9 Marine Parade	Restaurant, Antiques/Gift Shop and Shop Top Housing	PX084, PX085

Locality Map



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Neighbourhood Profile – Montauban Avenue / Philip Avenue, Seaforth

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (surrounding 0.45:1) HOB:8.5m (surrounding same) LSZ: nil (surrounding 500sqm)	Zone No. 3 Business Zone	Zone B1 Neighbourhood Centre	Nil (surrounding D5)	Nil (surrounding OS3)

Land Uses

Property	Land Use	Site/ File Observations
20 Montauban Avenue	Cake Shop with Bakery	PX121
22 Montauban Avenue	Pilates Studio	PX122, PX123
24 Montauban Avenue	Chiropractor	PX124, PX125
26 Montauban Avenue	Gourmet Kitchen	PX126, PX127
28 Montauban Avenue	Engineers (Underwater) Office	PX128, PX129

Locality Map



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Neighbourhood Profile – Pittwater Road / Balgowlah Road, Manly

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:0.6:1 (adjoining 0.6:1) HoB: 8.5m (surrounding same) LSZ: nil (surrounding 250sqm)	Zone No. 2 Residential Zone (EURs)	Zone B1 Neighbourhood Centre	D3 (surrounding same)	OS3 (surrounding same)

Land Uses

Property	Land Use	Site/ File Observations
243 Pittwater Road	Supermarket (including Seafood shop, Deli and Cafe) and Auto Service Centre ('Ultra-tune' and Type/Brake Specialists at rear	PX041 to PX044

Locality Map



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Neighbourhood Profile – Pittwater Road / Collingwood Street, Manly

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (adjoining 0.6:1 & to NE 0.75:1) HOB:8.5m (adjoining same & across St 13m) LSZ: nil (surrounding 250sqm)	Zone No. 3 Business Zone and other peripheral lots	Zone B1 Neighbourhood Centre	D3 & Nil where previously LEP1988 Zone No. 3 (across lane D2)	OS3 & Nil where previously LEP1988 Zone No. 3 (across lane OS2)

Land Uses

Property	Land Use	Site/ File Observations
190 Pittwater Road	Mexican Cafe and Bar	PX067 to PX069, PX016
192 Pittwater Road	Pizza Take-a-way	PX066
194 Pittwater Road	Hair Salon	PX019
200 Pittwater Road	Thai Restaurant , Yoga Studio	PX021, PX064
208 Pittwater Road	Pizza Restaurant and Cafe & Shop top Housing	PX056
210-214 Pittwater Road	Vacant shop (previosuly Beatury Salon), Bike Sales & Repair, Photogrpahic Studio	PX047 to PX051
218-216 Pittwater Road	Liquor Shop & Shop top Housing	PX029
207-217 Pittwater Road	Service Station and Car Wash	PX035 to PX038
199-205 Pittwater Road	Rentals (Electrical 'White' Goods)	PX031, PX032, PX033
197 Pittwater Road	General Corner Store & Shop top Housing	PX027, PX028
191-193 Pittwater Road	Foot Clinic & Shop top Housing	PX024, PX025, PX026, PX052
187-189 Pittwater Road	Fruit Market, Deli and Cafe & Shop top Housing	PX053 to PX055, PX058,
185 Pittwater Road	Surf Shop	PX059
183 Pittwater Road	Chemist & Shop top Housing	PX017
181 Pittwater Road	Blinds Showroom and Shop	Also Blind Cleaning service at rear, PX013 to PX015
179 Pittwater Road	Guest House	13 Hotel rooms according to Bookings.com, PX011, PX012

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LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR: 0.6:1(157-167 Pittwater Rd) & remainder: 1:1 (adjoining 0.6:1). HOB: 8.5m (adjoining same.) LSZ: nil except for SE cnr of Carlton St: 250sqm (surrounding 250sqm).	Zone No. 2 Residential Zone	Zone B1 Neighbourhood Centre	D3 (surrounding same & east: D2)	OS3 (surrounding same & east: OS2)

Property	Land Use	Site/ File Observations
169 Pittwater Road	Car Repair, Gym, Music School (upstairs)	Heritage Item, PX001 to PX008
167 -157 Pittwater Road	Car Wash	PX001
155 Pittwater Road	Japanese Restaurant	P053, P054
153 Pittwater Road	Chinese Restaurant	P051, P052
151 Pittwater Road	Thai Restaurant	P50
149 Pittwater Road	Vintage Clothing Shop	P047, P049
147 Pittwater Road	Dentist	P046, P049
145 Pittwater Road	Carpet Shop	P044, P045
143 Pittwater Road	Gifts and Antiques	P043
141 Pittwater Road	Vacant	P041, P042
133-139 Pittwater Road	Service Station	P033
129 Pittwater Road	General Store / Homewares	P032, P035, P036, P055, P056
125 Pittwater Road	Guitar Shop/School	P030
123 Pittwater Road	Pet Grooming	P029
121 Pittwater Road	Guitar Shop	P027
119 Pittwater Road	Computer Repair	P026
85 - 89 Pittwater Road	Surf Board Shop	P022
79 - 83 Pittwater Road	Co-op Shop (Retro Gift and Homewares)	P018, P019, P020
94 Pittwater Road	vacant	
92 Pittwater Road	vacant	

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Neighbourhood Profile – Sydney Road, Fairlight

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (adjoining 0.6:1 & 0.75:1 across Berry Ave) HOB:8.5m (adjoining same & across St 13m) LSZ: nil (surrounding 250sqm)	Zone No. 3 Business Zone	Zone B1 Neighbourhood Centre	D3 & Nil where previously LEP1988 Zone No. 3 (surrounding same & across Berry Ave D2)	OS3 & Nil where previously LEP1988 Zone No. 3 (surrounding same & across Berry Ave OS2)

Land Uses

Property	Land Use	Site/ File Observations
126 Sydney Road	Car Repair Station	
1 Thornton Road	Residential Units	
132 Sydney Road	General Medical Practice & Shop top Housing	012
134 Sydney Road	Hairdressers & Shop top Housing	013
136 Sydney Road	Launderette & Shop top Housing	014
138 Sydney Road	Pharmacy & Shop top Housing	015
140 Sydney Road	Bakery & Shop top Housing	016
142 Sydney Road	Café, Plumbers Office at rear	017, 027
144 Sydney Road	Vacant (previous takeaway Asian foods) & Shop top Housing	018
146 Sydney Road	Liquor Store	019
148 Sydney Road	Small Supermarket	020
150 Sydney Road	Home wares & Shop top Housing	021, 022
154 Sydney Road	Café, Butcher & Shop top Housing	023, 024, 025
2 William Street	Real Estate, Hairdressers, Residential Flat	029, 030
156 Sydney Road	Veterinary Surgery	026
143 Sydney Road	Chiropractic Services & Shop top Housing	009
145 Sydney Road	Newsagent & Shop top Housing	010
147 Sydney Road	Vacant	011
149-153 Sydney Road	Residential Flat	

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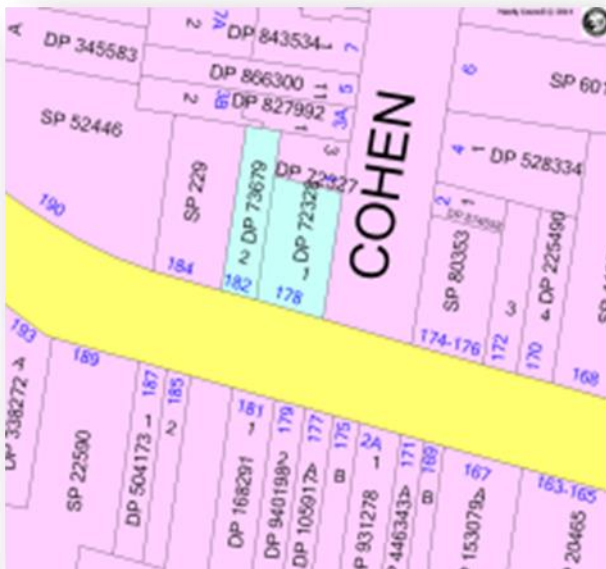
Neighbourhood Profile – Sydney Road / Cohen Street, Fairlight

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (adjoining 0.6:1) HOB:8.5m (adjoining same) LSZ: nil (surrounding 250sqm)	Zone No. 2 Residential Zone (EURS)	Zone B1 Neighbourhood Centre	D3 (surrounding same)	OS3 (surrounding same)

Land Uses

Property	Land Use	Site/ File Observations
178 Sydney Road	Home wares Store	031
182 Sydney Road	Home wares Store	032

Locality Map



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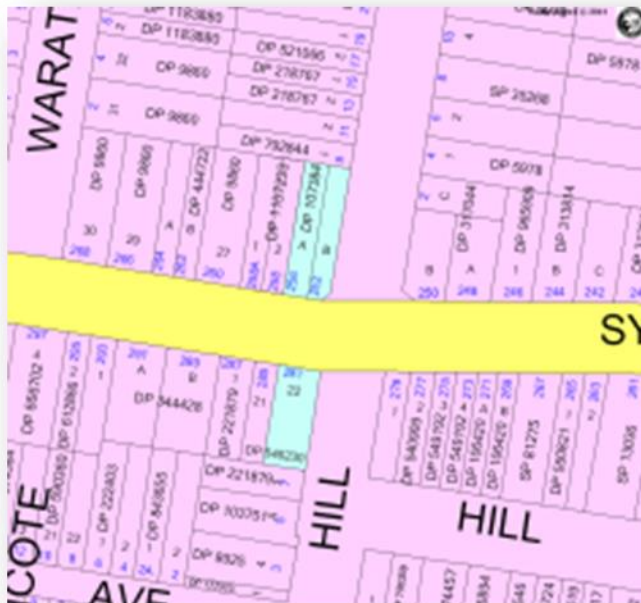
Neighbourhood Profile – Sydney Road / Hill Street, Fairlight

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (adjoining 0.6:1) HOB:8.5m (adjoining same & across St 13m) LSZ: nil (surrounding 250sqm)	Zone No. 2 Residential Zone (EURS)	Zone B1 Neighbourhood Centre	D3 (surrounding same)	OS3 (surrounding same)

Land Uses

Property	Land Use	Site/ File Observations
281 Sydney Road	Mixed Use Store	033
252 Sydney Road	Real Estate Agent	039
256 Sydney Road	Financial Consultants	

Locality Map



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Neighbourhood Profile – Sydney Road / George Street, Fairlight

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (adjoining 0.75:1) HOB:8.5m (adjoining same & across St 13m) LSZ: nil (surrounding 250sqm)	Zone No. 2 Residential Zone (EURS)	Zone B1 Neighbourhood Centre	D2 (surrounding same)	OS2 (surrounding same)

Land Uses

Property	Land Use	Site/ File Observations
95 Sydney Road	Fine Art Gallery, Art Studio	001, 002
97-109 Sydney Road	Mixed Business, Health Studio, Counselling Centre	003 to 008

Locality Map



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LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (adjoining 0.6:1) HOB: 8m (adjoining same) LSZ: nil (surrounding 250sam)	Zone No. 2 Residential Zone (EURS)	Zone B1 Neighbourhood Centre	D3 (surrounding same)	OS3 (surrounding same)

Property	Land Use	Site/ File Observations
237 Sydney Road	Hairdresser & Shop top Housing	034, 035
239 Sydney Road	Chiropractic Services	036
243 Sydney Road	Pet Salon	'Douque' - 037, 038

[illegible]

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Neighbourhood Profile – Sydney Road / Dudley Street & Whittle Ave, Balgowlah

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (adjoining 0.5:1) HOB:11m (adjoining 8.5m) LSZ: nil (surrounding 250sqm)	Zone No. 2 Residential Zone (EURS)	Zone B1 Neighbourhood Centre	D2 (surrounding D4)	OS2 (surrounding OS3)

Land Uses

Property	Land Use	Site/ File Observations
515- 519 Sydney Road	Art Gallery	068, 069, 070
521 Sydney Road	Computer Repair Shop	071
514 Sydney Road	Tile Shop, Landscape Design Office	067
512 Sydney Road	Music Store	064, 065
510 Sydney Road	Marketing/ Educational Services	062, 063
508 Sydney Road	Electrical Repairs	060

Locality Map



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Neighbourhood Profile – Sydney Road / Wanganella Street, Balgowlah

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR:1:1 (adjoining 0.5:1 & 0.75:1 at NE cnr) HOB: 8m (adjoining same & 11m at NE cnr) LSZ: nil (surrounding 250sqm)	Zone No. 2 Residential Zone (EURS)	Zone B1 Neighbourhood Centre	D4 (adjoining same & D2 at NE cnr)	OS3 (adjoining same & OS2 at NE cnr)

Land Uses

Property	Land Use	Site/ File Observations
470 Sydney Road	Commerical/Office Suites (8) (Real Estate, Medical Centre, Dentist, Window & Door Showroom, Surveyors & Planning Office, Physiotherapy, Finance Office, Event & Marketing Office.	043, 045
468 Sydney Road	Veterinary Surgery	044
464 Sydney Road	Residential Units (4)	
460 Sydney Road	Gym	050, 053
67 Wanganella Street	Commerical/Office Suites (14) (Chiropractor, Conveyancing, Occupational Thearapy, Financial Office, Skin Cosmetics Centre, Textile Agents Office, Engineering & Design (ESD) Services, Environmental Management Offices, Insurance Agents & Brokers , Accountants, Data Communications & Electrical Specialists)	052, 055, 056, 057, 058, 059,
451- 459 Sydney Road	Furniture & Homewares, Gallery, Shop top Housing	048, 049, 051, 054,
463 Sydney Road	Retail Lighting Showroom	046, 047

Locality Map



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Neighbourhood Profile – West Street, Balgowlah

LEP 2013 Development Standards	LEP 1988 Zoning	LEP 2013 Zoning	DCP 2013 Density	DCP 2013 Open Space & Landscaping
FSR: 1:1 (adjoining 0.5:1) HOB: 8m (adjoining same) LSZ: nil (surrounding 300sqm)	Zone No. 2 Residential Zone (EURS)	Zone B1 Neighbourhood Centre	D4 (adjoining same)	OS3 (adjoining same)

Land Uses

Property	Land Use	Site/ File Observations
94 West Street	General Store & Newsagency	PX106, PX107

Locality Map



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Attachment 2: Proposed Amendment to Manly DCP 2013

Note: Amendments listed below on order of their proposed appearance in the Manly DCP 2013.

Add to Objective 1 in relation to amenity (noise):

3.4

Objective 1 insert after 'general amenity of adjoining and nearby properties' the following:
'including noise impacts'

Add to paragraph for requirements in relation to amenity (noise):

3.4.2.4(a) 'Council may require a report to be prepared by a Noise Consultant that would assess likely noise impacts and may include noise mitigation strategies and measures.

New References in relation to Neighbourhood Centres:

4.2.8 'See also Paragraph 2.1.2 in relation to Context and Site Analysis
See also Paragraphs 2.1.12 & 3.9.3 in relation to Waste Management Plans
See also Paragraph 3.1.3 Townscape (Local and Neighbourhood Centres)
See also Paragraph 3.4 Amenity (Views, Overshadowing, Overlooking / Privacy, Noise) and Paragraph 3.9 in relation to Noise from Mechanical Plant.'

New Objective in relation to Neighbourhood Centres:

4.2.8

Objective 2 To provide side and rear setbacks which ensure the building height and distance of the building from its boundaries at various storeys, maintain the amenity of neighbouring residential sites and contributes to the amenity of the building and surrounds through landscape design.

Add to paragraph in relation to Setbacks:

4.2.8.2 (b) 'The setback from the rear boundary must consider the amenity of the surrounding residential neighbourhood and the provisions of this plan in relation to amenity at paragraph 3.4 Amenity.
Where the development adjoins land zoned Residential in the LEP, the buildings must be setback as follows:
i) 8m from the rear boundary (both above and below ground).
ii) Above ground floor, buildings must be further setback in accordance with a 45 degree plane, 3m above ground level of the site, commencing at the

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8m setback point. (see figures 42,43 & 44 in this plan which similarly illustrate this 45 degree plane)'

New paragraph in relation to Landscaping:

4.2.8.3 'Note: While LEP Zone B1 Neighbourhood Centres is not subject to the Minimum Residential Total Open Space and Landscaped Area requirements at Figure 34 and mapped at Schedule 1 – Map B in this plan; the objectives for landscaping and open space at paragraph 4.1.5 of this plan are to be met alongside the guidelines in this paragraph.

- a) Minimum area of Private Open Space is 20sqm for each dwelling within a mixed development or shop top housing with a minimum dimension of 3m and designed to receive a minimum of 3 hours direct sunlight between 9am and 3pm in midwinter.
- b) All side and rear setbacks to boundaries adjoining land zoned Residential in the LEP (excluding laneways) are to be developed for deep soil planting to allow for the retention/establishment of a mature tree landscape buffer.
Part of this setback may be used for vehicular access, parking or service delivery that is identified in certain localities as provided in this Plan at paragraph 4.2.8.5 and Schedule 2 (Townscape Principles), if the applicant can demonstrate to Council's satisfaction that: the area will be capable of sustaining sufficient deep soil planting to protect the privacy of neighbouring residential properties.
- c) The provisions of communal open space for development in the Neighbourhood Centres Zone are to consider guidelines contained in the NSW Residential Flat Design Code referenced in this plan.'

New paragraph in relation to Residential Density:

4.2.8.4 'Council will consider exceptions to the Residential Density Provisions in this plan (see paragraph 4.1.1.1) in relation to major redevelopments proposed in LEP Zone B1 Neighbourhood Centres where the development conforms to a site amalgamation parcel identified at Schedule 2 Townscape Principles Maps.'

New paragraph in relation to Carparking, Vehicular Access and Loading Controls:

4.2.8.5 'See also paragraph 4.2.4 Carparking, Vehicular Access and Loading Controls for all LEP Business Zones

Rear Access

- a) In relation to Carparking, Vehicular Access and Loading Controls in LEP Zone B1 Neighbourhood Centre, consideration is to be given to

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opportunities to provide and/or revitalise rear lane access as identified in Schedule 2 (Townscape Principles Maps E – J) in this plan.

- b) The provision of loading bays and other commercial servicing and access requirements are to be designed in a manner both appropriate for the proposed development and sympathetic to the requirements and amenity of any residential accommodation and the surrounding residential neighbourhood.'

New paragraph in relation to Hours of Operation:

- 4.2.8.6** Consideration will be given to the protection of acoustical privacy and the amenity of the residential neighbourhood in the determination and approval of hours of operation including hours for service deliveries and collections.

Amendments to Schedules (to be tabled):

Schedule 1- Map B Omit from the map the application of the Minimum Residential Total Open Space and Landscaped Area requirements at Figure 34 of the plan in relation to land zoned B1 Neighbourhood Centres.

Schedule 2 Add Maps for Neighbourhood Centres indicating site amalgamation parcels and rear land access (existing and potential). In this regard the additional proposed maps are as follows:

- Map E – Balgowlah Neighbourhood Centres comprising 5 Centres (Burnt Street/ Kirkwood Street, Lower Beach Street/ North Harbour Reserve, Sydney Road/ Dudley Street & Whittle Ave, Sydney Road/Wanganella Street , West Street).
- Map F – Balgowlah Heights Neighbourhood Centres comprising 2 Centres (Beatrice Street/ New Street, Dobroyd Road/ Vista Avenue).
- Map G – Fairlight Neighbourhood Centres comprising 6 Centres (Sydney Road/George Street, Sydney Road between Thornton and William Streets, Birkley Road/ Augusta Road, Sydney Road/ Cohen Street, Sydney Road/ Hill Street, Sydney Road/ Austin Street).
- Map H – Manly Neighbourhood Centres comprising 5 Centres (Addison Road/ High Street, Darley Road, Marine Parade/Bower Lane, Pittwater Road/ Balgowlah Road, Pittwater Road (various between Alexander Road to Carlton St).
- Map I – Queenscliff Neighbourhood Centres comprising 2 Centres (Collingwood Street/ North Steyne, Pittwater Road/ Collingwood Street)
- Map J – Seaforth Neighbourhood Centres comprising 2 Centres (Frenchs Forest Road /Brook, Montauban Avenue/ Philip Avenue).

**Outcomes of community consultation on draft
Regional Waste Avoidance and Resource Recovery
Strategy**



This paper presents the outcomes from the community engagement on the draft Regional Waste Avoidance and Resource Recovery Strategy for Mosman, Manly, Pittwater and Warringah that was held from 15 August to 12 September 2014 and its impact on finalising the strategy.

The objectives of *Too Good to Waste* Community Engagement Plan were to:

- Raise awareness that a Regional Waste Strategy is being developed for Mosman, Manly, Pittwater and Warringah Councils and encourage input to strategy development
- Create ownership for councils and community of the strategy and implementation of actions in the future
- Raise awareness of how the waste management system works and the pivotal role that community plays in effective and efficient resource recovery

Consultation process overview

The draft strategy was released jointly by the Hon. Rob Stokes MP and SHOROC President Cr. Jacqui Townsend on Friday 15 August at Kimbriki Eco-House and Gardens in the presence of Mayors, Councillors, Council staff, Kimbriki Board, EPA and others.

Four weeks of community consultation was undertaken ending on 12 September.

Community engagement was undertaken coordinated by SHOROC using a range of engagement methods (Table 1) and media products with opportunities for community feedback provided via group and one on one meetings, online survey, email, mail, phone or social media, with the majority of comments received via an online survey (50 respondents). Table 2 presents an overview of strategy outputs used in the consultation.

Feedback received and recommended changes to the strategy

The draft strategy received positive support from the community (Attachment A: Feedback on consultation on *Too Good to Waste*) including positive comments on the tools used to engage such as the infographic.

No comments were received on the strategy's vision or range of focus areas chosen for the strategy.

The majority of the comments received were of high quality and related directly to the broad scale actions in the draft strategy. Many suggestions were at activity level and are captured in actions already included in the Strategy so will be considered in the preparation of implementation plans for each action.

The quantity of comments received does not warrant an individualised council level reporting approach to feedback.

The comments with duplication removed have been grouped around the focus areas of the strategy (Table 3). Those issues with the most comments included:

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- Reuse/recycling of clean up waste
- Increase awareness of what Kimbriki does
- Engage better with households on what can be recycled and incentivise recycling over disposal
- Help multi- unit dwellings to recycle better and compost
- Apply pressure on supermarkets and manufacturers to reduce packaging
- Advocate for CDL and the banning of plastic bags
- Provide drop off locations for e-waste and other wastes council does not collect
- Address litter in waterways
- Have more recycling stations in public places and educate on public place recycling

Inclusion of additional actions in strategy

Where a number of comments were received on a common issue that related to an action, the action was reviewed to see if it needed to be strengthened and the inclusion of further actions was considered.

The following generalised comments (mainly comments on same theme) have warranted the inclusion of new actions in the strategy:

- *How do I know what to recycle and what happens to the recyclables*

This will be considered under the action: *Promote householder behaviour change to decrease recyclables in residual bin & minimise contamination in recyclables bins*. However a new short-term action has been added to: ***develop regional educational resources for councils to engage the community to increase understanding of what is recyclable and what happens to recyclables.***

- *Littering*

Comments around littering and the need for an anti-litter campaign will be considered under the action to: *Undertake education & awareness campaigns to reduce littering*. However a new short term SHOROC action has been added to: ***Undertake a regional anti-litter campaign***

- *Illegal Dumping*

Comments around the environmental and financial cost of illegal dumping will be considered under the action to increase the awareness of the impacts of illegal dumping and regulations. However an action has been added for SHOROC to: ***Undertake a regional illegal dumping campaign.***

- *Common Waste Collection System*

Comments questioning how the household common waste recycling system will work in detail will be addressed as part of the planning for the new system and the community engagement around the new system

Specific comments reviewed that warranted additional actions include:

- *Incentivise recycling over garbage through rates*. An additional action included to: ***Continue to incentivise recycling over disposal***
- *Have agreements with developers to undertake longer term waste initiatives in new shopping malls or precinct developments and penalise to offset environmental impact if not done*. Whilst

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this relates to state significant development, an additional action was added to: ***Advocate to NSW Government for inclusion of waste initiatives in state significant developments***

- Support National Recycling Week and International Composting Week events and hold local weeks. An additional action was added to: ***Support national and state waste avoidance and recycling events***

The outcome of the community consultation on the draft strategy has resulted in improvements to the actions within the strategy and affirmation that the strategy direction taken meets the community's areas of concern. The tools used to promote the strategy have raised the community's awareness of how the regional waste management system works and the pivotal role that community plays in effective and efficient resource recovery.

ATTACHMENT 1**Environmental Services Division Report No. 40.DOC - Too Good to Waste
Too Good to Waste Consultation Report 12 September 2014****Table 1: Stakeholder engagement methods**

Stakeholders	Method of Engagement	Level of Engagement	Outcome
SHOROC Board	Presentations & agenda papers	Inform & empower	draft strategy approval
GMAC	Presentations & agenda papers Agreement on strategy framework Potential additional issues workshop	Inform, consult & involve	Established scope, framework approved including vision and priorities, endorsement of draft strategy
Councillors	Presentation to council meetings	Inform, consult & involve	Councillor feedback on draft strategy
Directors	Presentations, comments on draft strategy	Inform and consult	Signoff on draft strategy
Regional Waste Working Group	Regular meetings, collaboration on framework for strategy development, priorities and actions; input to drafts	Consult, involve & collaborate	Developed and agreed strategy, Provide data, comment on sequential drafts, prioritise and collaborate on actions; develop targets
NSW EPA	Presentations, meetings	Inform, consult	Strategy that meets the funding conditions from EPA
Key internal council staff	Cross council workshops; one on one meetings; comments on issues paper; provision of ideas and actions	Inform, consult and involve	Input to priorities and collection of potential actions
Pittwater Council Natural Environment and Leading and Learning Reference Groups	Community presentation	Inform, consult, involve,	Comments on draft strategy
Kimbriki Sub Committee	Meetings 19 March, 18 June	Inform, consult, involve	Feedback on approach taken and draft strategy, championed strategy within council and the community.
General community	Council and SHOROC websites, print and social media	Inform, consult	Feedback on draft strategy
NSROC	POG, one on one meetings	Inform, consult	Identification of synergies between the regions
EPA	Individual meetings, presentations; workshops	inform	draft strategy meeting funding requirements
Waste management industry – SITA, URM	Individual meetings	Inform, consult, involve	Comments on draft strategy

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Table 2: Strategy Outputs

Product	Purpose	Audience	Media	Output
Release of strategy by Minister and SHOROC President	Promotional event to engage community to have their say	Invited guests	Event	Release, event brief, photos; 108 invitations including media outlets; 32 attendees
75 page colour detailed draft strategy	EPA requirement & internal consultation	Internal councils, KEE and EPA	Online;	Online draft strategy, print on demand
12 page colour plain English public draft Strategy	Community consultation	External stakeholders	Online, print	200 print run; online public draft
75 page Final Strategy	EPA requirement Direct regional and local waste initiatives	Internal, External stakeholders, EPA	Online	Online strategy, print on demand
PowerPoint presentation	Communications tool	Internal and external stakeholders	PowerPoint	13 presentations
Too Good to Waste logo	Promotional identifier and ongoing brand recognition for strategy initiatives		Print, online	3 logo forms
Infographic	Visual summary of strategy; Subsets to brand individual actions	External stakeholders	Banner, online, print	2 banners for use in council customer service areas; online infographic; individual graphics for all images
Communications kit	Support community engagement activities and deliver key messages	Council stakeholder engagement officers	Online; print	Newsletter blurb; Mayoral column; infographic; 2 Too Good to Waste web tiles; website landing page copy; tweets
Media releases and council columns	Promote strategy, seek community consultation	General community	Print	2 x SHOROC media release; Pittwater media release Article in Manly Daily on 7 Sept; Aaron Hudson on 2UE with Stuart Bocking on 8 Sept Pittwater and Manly council columns in MD
Website and social media	Promote strategy, seek community consultation	General community	Online	5 SHOROC web pages -2656 hits to 4 Sept Manly, Mosman and Pittwater web tile and content with link to SHOROC website
Online survey	Allow community to have their say	General Community	Online	50 completed surveys 75% by computer, 16% by smartphone; 9% by tablet
Online media	Promote strategy, seek community consultation	General community	Online	Manly <i>Latest News</i> article; Mosman news post <i>Warringah Projects Open for Comment</i> <i>News about Pittwater</i> article; SHOROC enews sent to 1,581 subscribers with 991 opens
Social media	Promote strategy, seek community consultation	General community	Online	Over 30 posts and tweets on Facebook, LinkedIn and Twitter to almost 4,000 followers.

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Table 3: Comments by Strategy Focus Area

Sustainable Infrastructure Solutions
• Councils to market sale of soil, compost, gravel and other garden resource products from Kimbriki • Increase awareness of what Kimbriki does, including buyback centre and Eco-house • Help charities dispose of waste cheaply that people dump in their bins • Planning the Common Waste Collection System ○ Sealed non vented caddies should be used in the new collection system ○ MUDs not adequately addressed in planning for the new collection system ○ Keep separate paper and comingled recycling bins under new collection system
Produce less waste
• Initiatives to reduce use of disposable coffee cups • Councils lead the way in making more sustainable purchasing decisions • Council events be more sustainable • Access to composting for unit dwellers • Complementary compost bins and worm farms and complementary courses on worm farms and composting • Offer a commercial composting service • Offer avenues for communities to live sustainably regardless of income and living conditions • Further access to free water to refill bottles • Recover unwanted food and reuse • Support accessible farmers markets and more portioned purchasing of fruit/veges/pulses • Support reuse sites like freecycle and a restoration/repair centre • Put pressure on supermarkets and manufacturers to reduce packaging • Have a local reduce and reuse week; support National Recycling Week and International Composting Week events • Promote hand washing by soap to avoid plastic bottles and plastic bags of wipes • Schools ○ give regional support for horticultural assistance in schools ○ engage young people and kids outside of school ○ run a program similar to Taronga Zoo's Project Penguin ○ get cut down/shorter versions of 'Trashed' and 'Bag it' to show at schools • Plastic bags: ○ Advocate for ban on plastic bags ○ Get shopping centres to change bags to compostable ○ Advertise where to get compostable bags ○ Ban non essential plastic bags or charge 50c levy on plastic bag purchase ○ Make and implement effective policy to reduce use of plastic bags and all plastics that are not recyclable
Increase recycling
• Advocate for introduction of CDL • Household recycling ○ Need bigger bins for recycling ○ Increase the range of items that can be recycled and simplify messaging (eg plastics) ○ Raise awareness of what is recyclable and how to recycle eg how clean bottles need to be, what to do with lids etc; as well was what happens to recyclables

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- Provide ways to recycle metals including aluminium foil
 - Incentivise recycling over garbage through rates
 - Provide in-house bucket/bag/bin for convenient recycling in the home, especially in MUDS to discourage plastic bag use
 - Provide Executive Committees of Owners' Corporations with clear displays on recycling plus reasons why it should be taken seriously
 - Move to one recycling bin now
 - Infographic on how to recycle
 - Encourage leaseholders to be more responsible right from when they sign up to rent.
- Public place recycling
 - Councils to set up more recycling stations in public places
 - Encourage shopping centres to provide more bins for different rubbish
- Plastic bags
 - Ban plastic bags in recycling bin
 - Support additional recycling for plastic bags or offer a plastic bag recycling service
 - Offer residents recyclable shopping bags with receipt of council rates
- Business recycling
 - Improve system for requiring Waste not DCPs and ensure compliance
 - Get business owners to be more responsible for commercial purchasing decisions.
 - Encourage and reward manufacturing business owners that produce less packaging
 - Manufacturers to use products and packaging that are easily recycled
 - Strike agreements with developers to undertake long term waste initiatives where new shopping malls or precinct developments are planned and penalise them if don't happen to offset the environmental community impact
 - Encourage business owners to purchase sustainable products with less packaging
- Clean up waste
 - Sort through clean up waste for good stuff and sell rather than crush
 - Work with charities and social enterprises to get good stuff out of cleanup waste
 - reuse mattresses
 - Allow councils to have same scheduled council clean up days
 - New strategy for council clean up and general waste disposal at Kimbriki

Make disposal of problem wastes easier

- Issue of problem wastes once Kimbriki infrastructure built
- How are we going to deal with asbestos?
- Provide more drop off locations for items not normally collected during clean up days – have dedicated location for collection of used/left over motor oils, paints and other chemicals.
- Provide more opportunity for household chemical pickup to ensure these aren't landfilled
- Local drop off points for e-waste and other waste council does not collect

Keep public places clean

- Littering
 - Have adequate litter bins in public areas and keep well maintained
 - Paint over graffiti
 - Pretty bins
 - A litter free environment
 - Raise awareness about recycling of litter
 - Taxing all visitors to Manly so council can keep harbour clean
 - Councils use compostable doggy bags so when littered and ends up in ocean will

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- break down ○ Do something about all the poo bags loose in parks ○ Run an anti-litter campaign ○ Design better recycling bins with better signage that tells people what recyclables are used for ○ Littering detracts from council spend ○ Address marine litter systemically through the stormwater system ○ Educate residents and visitors on minimising waste going into waterways ○ Reduce amount of syringes/sharps from beach locations ○ More to catch litter in gutters so doesn't end up on beaches and inside marine animals • Illegal Dumping ○ Raise awareness of illegal dumping environmental impact ○ Dumping detracts from council spend	
Other	
• Track depletion of raw materials as incentive for resource recovery • Importance of language used around waste • Behaviour change key to strategy success • Strategy needs to show how MUDS will be treated in new system • Focus efforts to make a difference near term, and have clear plan for medium to long term • Clear communication of priorities, goals and benefits; meaningful and easily understood measures of success • It's great to see a strategy put in place for our waste. It is the 21 century after all! • Strategy once agreed needs to be implemented asap	

Attachment A

Feedback from consultation on *Too Good to Waste*

Kimbriki Sub-Committee

Meeting 19 March 2014: Issues and opportunities for consideration in developing the strategy

- Advocating for container deposit legislation
- Improvements to public place street litter bins for recycling
- Depletion of raw material tracking as incentive to resource recover
- Food waste – application of a user pays system to incentivise waste avoidance followed by food recycling
- Local food production, organic markets
- Urban farm
- Restoration/repair centre and links to community groups (eg men's sheds)
- Recognition of KEE's Eco-House and Eco-Garden as valuable regional asset leading way for innovative waste management
- Regional support for school and community gardens, particularly for horticulturalist assistance
- Regional schools communication program on common waste collection system
- Programs to engage young people and kids outside of schools. KEE developing regional kids' club Eco-Mites
- Hazardous materials drop off centre
- Local Reduce and Reuse Week
- National recycling week and International Composting Week

Pittwater Natural Environment Reference Group

Meeting 14 May: Feedback on draft structure and priorities

- Clarify what SHOROC would like to see from groups such as the NE Reference Group?
How can I find out what goes in what recycling bin – can I put food contaminated plastics in my recycling bin?
- What will happen to our waste once Belrose closes and Kimbriki not ready to receive it – will it have to go outside the region?
- Who's going to make the shopping centres change their bags? And do they know which bags to change to?
- Where can I buy compostable bags?
- We should stop people using plastic bags in their recycling bins

Kimbriki Sub-Committee

Meeting 18 June: Feedback on draft structure, priorities

- More figures in garden waste slide

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- Greater mention of schools in strategy
 - More emphasis on reduce/reuse/recycle
 - Valuing food more – garden and organics emphasis
 - What to do about problem wastes – eg batteries, fluorescent lights
 - Important to include actions around business recycling
 - Advocate for state-wide education in schools, unis and business
-
- Look at working with charities for clean-up collections – Sutherland as case study
 - Should we elevate advocacy on CDL? For further discussion. Maybe do motion at council.
 - Involve Rob Stokes as Minister for Environment and local member in launch of campaign
 - Involve schools and children – big influencers
 - Importance of language used around waste
 - Importance of Kimbriki infrastructure solution to determine feedstock requirements
 - Education is important for understanding
 - Behavioural change. Look at satellite areas to change things – local recycling/data opportunities identified
 - Feel good stories to increase awareness of Kimbriki
 - Behaviour change key to strategy success
 - Culture will require new thinking
 - Strategy very good and good work to get all councils in one direction
 - Thank input from KSC and recognise the ideas of the KSC incorporated through the strategy
 - Kimbriki front and centre of the strategy and its success
 - Good job pulling ‘rats and mice’ together
 - Business programs, business advisory services grants?
 - Like to see more numbers and targets and fun facts to engage people
 - Wholehearted support for Liz’s work

Councillor Briefings on draft strategy

Manly 14 July 2014

- Directed at single home owners – need strategy to show how MUDs will be treated in new system
- Why recyclables in one bin and not still 2 bins
- How will we get food into green bin – caddies and liners
- What happens to clean up waste? Can’t we recover some of this material

Pittwater 14 July

- Frequency of bin collections
- How to get food scraps in green bin – options for caddy/cornstarch
- What happens about problem wastes
- How do we know what can be recycled – how do we keep up to date?
- What is garbage – what will be in the garbage bin with system changes

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- What about asbestos
- Is Kimbriki licensed to accept food – no but will be made inert; we also need more on what can be recycled
- How much do we recycle from clean ups?

Warringah 15 July

- What will end up in red bin in new system - things that can't be recycled – plastic film, bags, ceramics
- Need change behaviour to get people to put meat in green bin without plastic bags – need to start 2 years early
- Lot of developments happening with no requirement for Waste not DCP – lobby to improve the system
- Dumping, littering detracting from council spend
- Problem with hazardous materials for facility will be very important
- Always amazed at the amount of packing – needs to be addressed
- Can we tackle how to deal with unwanted food?
- Waste not DCP does not apply always – can we do anything about this?
- Project Penguin run by Taronga Zoo works well using school children as educators- can we use this model more widely?
- Unwanted food going to waste- can we recover and reuse

Mosman 22 July

- What's stopping us going for a combined recycling bin now?
- Will the new facilities at Kimbriki mean increased costs for council?
- What simple two messages need to be delivered now?
- Importance of education in the new system

Pittwater Natural Environment Reference Group 13 August 2014

- Will the items placed in the new red bin continue to be put in landfill or where will they go?
- What will be the new collection process for the garbage bins?
- Who is releasing this strategy and when will it be available for review?
- How does the draft strategy fit in with other government programs on waste?
- What will happen when the Belrose station closes?
- Will plastic bags continue to contaminate the recycling process and can the State and

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- Federal Government have Woolworths or Coles introduce compostable plastic bags the same time as the new legislation is released?
- Can the State and Federal Government have Woolworths or Coles introduce compostable plastic bags the same time as the new legislation is released?

Pittwater Leading and Learning Reference Group 27 August

- Will the items placed in the new red bin continue to be put towards landfill and where will that go?
- What will be the new collection process for the garbage bins?
- What is the future for disposal of Plastic Bags and Nappies?
- Can the State and Federal Government have major chain stores introduce compostable plastic bags the same time as the new legislation is released?
- Why is there a Landfill levy?
- What will happen to the disposal of bulky items such as mattresses and tyres and will there be additional waste drop off locations?

Manly Council Waste Committee 10 September

- Why are we mixing comingled with paper in the new system rather than source separating in the home?
- Sealed non vented caddies should be used in new system, rather than vented caddies with genetically modified corn starch bags and potential for contamination with plastic bags
- MUDs are not addressed in the new waste system, particularly those that use private waste contractors
- Hold a workshop across the councils to develop an advocacy plan including support for Container Deposit Legislation (CDL) and legislation to ban single use plastic bags (regardless of composition)
- Encourage the Waste Contractors and Recyclers Association to advocate for CDL
- Marine litter is increasing and needs to be systemically addressed through the stormwater system
- Fishers litter, particularly plastic bags including bait bags
- Suggest presenting to the Sydney Coastal Council on addressing coastal waste issues
- Talk to council reps on the Coastal Council's Technical Committee regarding marine litter issue

Feedback from online survey to 4 September 20124 – 50 respondents

What is the most important part of the strategy to you?

- Getting people to separate their paper/ glass / household rubbish

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- It's important to carefully dispose of waste correctly as our population is rapidly growing and as individuals, we need to do our part in appropriate recycling, etc so as to not interfere with new growth (be it natural or man-made progress) to keep the environment safe and leafy, recreational areas clean and usable for future populations.
- Generate as little waste as possible and recycle what I can.
- Composting and recycling
- Effective recycling of household waste
- To use and reuse what you can and recycle properly wherever possible
- Recycling begins at home.
- Composting vegetable peelings Collection of green waste
- I think getting people aware of your project and getting them inspired to help.
- Keeping waste out of landfill through reduce, reuse initiatives and commercial composting or improved recycling services (think plastic bags/food packaging).
- Identifying ways to reduce waste and getting community ownership of the issue
- Find clever ways to reuse things
- Getting all councils to work together
- making sure we start to look at waste as a resource and start to close the loop
- Placing the right objects in the right bin and keeping garbage trucks off the road.
- Getting business owners to be more responsible for their commercial purchasing decisions, ie. packaging, which has the most impact on waste control. Customers don't get a choice about the wrapping of imported products, they just buy and dispose of the waste.
- Not wasting resources
- Knowing what's in our waste so we can work out the value off what we are throwing away
- Taking care of our planet
- Doing my bit to reduce, reuse and recycle it can encompass all of the others.
- Reducing my family's waste by trying to purchase and consume less products
- Recycling as much as possible
- Compost/worm farm food scraps Keep waste out of landfill
- Putting more pressure on large supermarkets to reduce packaging on fresh produce and make can and bottle producers (and local Councils) advocate a recycle/rewards program.
- Lost cost landfill and recycling.
- removing plastic bags and single use cups

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- Reduction in containers, in particular plastic wrapping and bags
- Stopping as much waste going to the land fill.
- Composting on a big scale and taking food waste out of landfill
- Encouraging reuse
- Ensuring the minimisation and reduction in the use and distribution of plastic bags.
- Coordinating and focusing our efforts to make a difference in the near term; and having a clear plan for the medium and long term. And then communicating the plan clearly and engaging all members of the community
- a litter free environment
- More information on recycling
- Trying to reduce waste seems the most sensible strategy. We try not to use plastic bags, use only tupperware for the kids' lunches, etc. - limit "single use" packaging

What should be the highest priorities for councils to focus on?

- To show the advantages of proper waste management for families and how it can help keep your council rates down.
- Keeping an eye on waste disposal, having enough bins in public areas for waste, which I feel there are in Warringah and painting over hideous graffiti and tagging when it surfaces around the area. Dog poo is also an issue but maybe not as much as general waste.
- Education- begin in schools. The level of ignorance is extremely high. Provide Executive Committees of Owners' Corporations with clear concise info charts on recycling for display boards plus reasons why we should be serious about it.
- Education based on the reality of what I chuck in the bin. Explain in pictures what happens to each category of waste. Eg general waste goes to x landfill and decomposes at x rate or not at all. How fast is the space being filled etc? And where does the paper go? What happens to it? Etc -that might make me understand why I need to recycle more.
- Composting
- Make/improve an economic advantage out of recycling waste, thus lessening the financial burden upon ratepayers.
- Education for high-rise flat-dwellers
- Reducing the amount of syringes/ sharps from beach locations. More bins at bus stops. In house bucket/ bin to take down to recycling for units.
- Collecting putrescible waste weekly to use as part of green recyclable waste. Microwave before dumping. Likewise microwave disposable nappies' Perhaps have an onsite shredder Put pressure on Coca Cola and other drink packagers to include a refund for empty containers . Bottle and can return refund centres to to operate at supermarkets and tips.

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- Teaching people to reduce, reuse and recycle rubbish themselves. You need to inspire them to do this.
- As above
- Recycling Waste avoidance
- Raise awareness about recycling Litter
- Reducing the number of domestic bins we need to store. Composting all waste not just green waste. Taxing all visitors to Manly so council can keep the Harbour clean
- plastic bags in shops should be compostable doggy bags littering parks should be compostable so when they end up in the ocean they will break down
- Making proper use of council clean up waste .ile sorting thru the good stuff and selling it versus just crushing perfectly good items that others grow out.
- Where manufacturing is done in council managed areas, to encourage and reward business owners to produce less packaging ie. pharmaceutical companies, light industrial. Where there are plans for development of new shopping malls or precinct development in council areas, striking agreements / understandings with developers to undertake long term waste initiatives and if necessary penalising offenders with hefty fines, to offset the environmental community impact. Encouraging and promoting leaseholders to be more responsible right from when they sign up to rent.
- Working with charities and social enterprises to get the good stuff out of cleanup waste and give it to those in need Do something to reuse all those mattresses
- Measure regularly what's in our waste so councils know how to target education to reduce recycle
- Helping to educate and facilitate a better path forward
- Education Leading by example
- Focus on the positives of recycling Educating people how much can be recycled especially electronic items such as computers/tvs Educating people that compost and up-cycled items can be purchased from Kimbriki Providing more opportunity for household chemical pickup to ensure these don't go into landfill Encouraging
- Manufacturers to use products and packaging that are easily recycled - I think most people want to recycle but it's not often clear if certain packaging can be recycled
- Councils should set up more recycling stations where individuals can recycle their own bottles and cans which in turn generates money for local charities and community groups
- Cost of tipping/fees
- composting green and kitchen waste should be easier for households
- Recycling of food waste Getting people using products and packaging that will decompose and break down

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- Offering avenues for communities to live sustainably regardless of income and living conditions (e.g. renting in an apartment but able to compost, wormfarm, use solar energy, recycle water)
- Educating residents and visitors on minimising waste going into our waterways. As the LGA's all have high visitation from visitors over Summer the education needs to be broader than just the residents.
- Increasing the things they will accept for recycling. Legislating certain items to be stopped being produced (like styrofoam) which can't be recycled, despite the symbol. Endorsing & subsidising people who BYO cups/crockery/plates to encourage less single use stuff.
- Communication and engagement. Without this platform, we cannot make sustainable progress.
- Land fill reduction
- litter free environment including marine environment
- Making recycling easier
- Incentives to reduce waste are hard - but PLEASE can't we ban plastic bags like some of the other states??? The rubbish recycling (3 stream) is simple, and it is great that Mosman Council has so many extra collection days (e-waste this weekend!). Education is good - the public schools do a good job of this
- Less landfill Education of others to act

Are there any other actions we should include?

- Collect food waste in green bin.
- Composting facilities
- i believe there is a council that offers financial benefits to households that collect their waste properly
- I think the council is doing well with taking action with waste issues
- Through the management of Kimbriki, council should offer and promote the sale of soil, compost, gravel and other garden resources.
- Education on how waste gets into our waterways.
- In Home containers to aid recycling in high density living. To make recycling convenient in units.
- Ban non-essential plastics bags or charge a 50c levy for each carrier bag to be added at the end of purchase.
- Nope. Well done!
- Support farmers markets (The Warriewood market is on Friday and therefore not an option for those of us who work/commute) Begin an initiative that promotes discount coffees from retailers and discount purchasing of reusable coffee cups - for locals on the beaches before

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summer Put pressure on retailers to reduce plastic bag use in the area - and support with additional recycling for plastic bags

- Like to see more programs to reduce food waste such as Ozharvest Would also like to see an anti-litter campaign
- Make recycling bigger. Something in schools
- Show how all 4 councils work together
- replace council doggy bags with compostable bags recycle better from clean up waste
- Help charity dispose of waste cheaply that people dump at their bins
- Leading the way in making more sustainable purchasing decisions, working hand in hand with consumer advocacy bodies, to encourage residents, but more importantly business owners as they have more money to spend on acquisitions, to purchase sustainable products, with less packaging.
- Do something about all the poo bags loose in parks
- Tell the community what happens to their waste and \$\$\$ wasted
- Incentives such as rate rebates
- Council events need to be more sustainable. Food items need to come in recyclables and should minimise harmful food
- Bring back the General Cleanup so that one person's trash can again be another person's treasure.
- Get more people along to the eco centre to be inspired by Peter Rutherford - especially kids!
- Further access to free water to refill bottles, more support to local grocery businesses which limit packaging.
- I would like to see a ban on light one-use plastic bags. I would like to see Mosman and the other SHOROC councils supporting the CDL
- Targeting block of units the importance of sorting their rubbish into the correct bins.
- Clear communication of priorities and goals. Clear communication of benefits. Meaningful and easily understood measures of success.
Yes, a new strategy for council clean up and general waste disposal at Kimbriki
- proactive environments to ensure litter free environments
- Pretty bins
- As a Clifton Gardens resident, I am always appalled at the run off into the sea. I believe the Council has put in SQUIDS (is that the right acronym?) - it is always best to try and stop the waste and litter from entering the waterways where it is almost impossible to then clean up. Are there cost-effectiveness studies on some of the different strategies? Problem is cost to local council versus cost to "the globe" is hard to argue! Refunds on bottles? Stronger regulations on

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plastics (biodegradable) and on plastic bags (bans) and on single-use packaging? And more education on the costs and consequences of our actions.

How can we make it easier for you to reduce your waste and recycle more?

- Reducing waste isn't going to happen. Having worked on a number of these types of campaigns over the years. All sounds good in a press release. Incentives to recycle properly is the only way.
- This is hard...it depends on what type of waste each household has...we tend to have weekly newspapers & glass bottles that mount up before anything else. Bigger bins for this would be wonderful but at present it's ok. Food waste in our household tends to be packaging more than anything else...it's always been a problem and should be dealt with by the food manufacturers rather than council.
- Live in a unit and would love to have access to composting!
- Allow manly to have same scheduled council clear up days. I used to find a lot of 2nd hand things
- Supporting sites like freecycle where people can pass on their still good items rather than throwing them away. Increasing community awareness of the buy back centre at Kimbriki, and also the Eco garden
- Provide more drop off locations, for items not (normally) collected during clean up days. Example, have a dedicated location for collection of used / left over motor oils, paints and other chemicals. Currently St Ives Showground is too far and infrequent.
- Larger recycling bins Complimentary composting and worm farms Complimentary courses / articles on composting and worm farms
- Distribution of free bins.
- Offer residents recyclable shopping bags, string or cotton or jute, with receipt of Council rates
- Tell the community how. Make flyers, send them emails, have talks etc. get people excited!
- Farmers Markets that are accessible and allow for more portioned purchasing of fruit/veges/pulses etc Offer a commercial composting service Offer a plastic bag/packaging recycling service
- More info about what goes in what bin for recycling
- More recycling bins
- Reduce the bins at home. Ie allow mixed recycling in one bin.
- Tell me what I can put in what bin- I want to do the right thing but don't always know
- Go back to regular council clean up at manly rather than this ad hoc per appointment system now under way
- Even large fast food multi-nationals, who have the power to change their packaging, thereby reducing the impact on customers' disposal waste.

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- Tell me what I can put in what bin. In other councils u can recycle your pot plants. Where do I find out what is recyclable. Can I put my strawberry punnets in the yellow bin?
- Make it fun
- Uncertain
- Provide a way to recycle metals including aluminium foil. Simplify plastics categories. Maybe just accept all plastics & have them sorted professionally.
- Setting up smaller recycling stations in our local business districts - although we may be proactive about sorting at home - when we are out and about not all village CBDs have sorted recycling - note Freshwater!
- More recycle bins in public areas.
- Separate kitchen waste for weekly pickup
- For us, the only area would be composting food waste,
- I live in a unit, so a way for me to compost would be great!
- Encourage shopping centres to provide more bins for the different rubbish.
- Recycle bins in all public spaces - on streets, in shopping precincts like outdoor malls. Making a small household (indoor) style bin for easy transport without a plastic bag for recyclables.
- We already recycle a lot. But there is a lot of waste of larger items at clean ups. And we are storing some wastes, eg fluorescent bulbs, that council does not collect. There should be local drop points for these items, and for e-waste.
- make and implement effective policy to reduce use of plastic bags and all plastics that are not recyclable
- More bins
- Take away plastic bags. That way no one has a choice. Provide free compost bins!? And keep charging more for the "heavy users" of bins - I like the extra charges for the larger bins. Also helpful to provide better instructions on the recycle bins - I think many people are confused about how clean bottles need to be, lids or no lids, etc. More fines, more education, and more to catch litter in gutters so it doesn't end up on our beautiful beaches and inside marine life stomachs!
- Have smaller bins for compost and recyclable items for inside the house. Campaign for less packaging for items sold within these council areas

Do you have any other feedback?

- Keep your strategy simple. Don't try to do everything.
- I'm happy with the services of Warringah council
- Council should consider other strategies in achieving medium density housing. For example, allowing the subdivision of blocks under 1000sqm. These could be allowed for areas immediately

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adjacent to shopping centres, reserves, community halls and schools. Redeveloping with hi rise or lo rise units only advantages the developer, and disadvantages those properties immediately adjacent...who wants to live next to a block of flats?

- I realise I am out of area but it is a significant issue.
- Some local public bins are filthy, deterring people from using them. Especially lift up lids, if the metal bar doesn't allow bulky items easy access. Persons leave their litter where it falls.
- Promote hand washing with soap and avoid plastic bottles of anti bac wash or plastic bags wipes. The anti bacs do not kill all the bacteria and just provide a feeding substrate for resistant strains.
- No.
- I am very impressed and inspired by the work of Rob Stokes - and think we need to push towards the sustainable community vision he has been promoting in the media. Let's start by reducing needless waste and consumption.
- What happens to the general clean up collected goods - are they recycled, reused or do they go to landfill?
- Love the strategy
- No
- not sure what happens to the recycling bins in parks but they are always full of rubbish - can't we design better bins with better signage that tell people what these recyclables are used for?
- If people know that recyclables can save virgin materials then I think they would recycle more
- No
- If we don't get it right, and curb the waste, the consequences are dire for the planet that we live in.
- Like the infographic need something like this to show me how to recycle
- Bring back the twice yearly clean ups they provide the perfect opportunity to carry items out of landfill
- It's great to see a strategy put in place for our waste. It's the 21st century after all!
- Strategy once agreed needs to be implemented ASAP.
We appreciate what councils and SHOROC are trying to do, but we think that most people do not know about Kimbriki etc. Big education campaign required.
- I have a cunning plan that I would like to submit but I need more space than this. Who can I talk to about it?
- I think the Council does a great job in general, perhaps with the exception of catching litter in the water ways. More bottle and bag deposit with a small refunds are great incentives both to not litter and also to pick up litter! Showing movies like "Trashed" and "Bag it" are great - but can we get cut down / shorter versions to show at all of the schools too? Keep up the public

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education - the leaflets on food waste, etc, and on composting, ads in the Mosman Daily, etc. - these do make an impact I am sure.

Survey Respondent's values and details:

- A litter free environment (94%) was more important to respondents than keeping waste out of landfill (90%) or reducing, reusing, recycling (89%) or composting and worm farms (81%).
- 70% of respondents always recycle with 30% only doing it when convenient. No one did not recycle.
- 73% lived in a house, 23% in a unit
- Age group of respondents
 - <18 7.14%
 - 19-34 28.97%
 - 35-50 35.71%
 - 51-65 21.43%
 - >65 7.14%
- 62% female, 38% male

Other

18/8/14 email - hard to believe rate will be 24%, like the goal to eliminate greenhouse gases

19/8/14 web post- look to more local jobs in waste management given NDIS etc changes - look at Green Connect as case study <http://www.green-connect.com.au/> for local opportunities for learning, contribution and participation for youth, aged, marginalised and people with disabilities

20/8/14 web post - Purchasing decisions ultimately affect recycling outcomes. LG should lead by example and ensure they have a "green office" - recycling office paper and cardboard and extend right up to organics recycling arrangements in kitchens to handle food waste. This also extends to their own day to day operations and will include improved efficiency and reduced costs. This also extends to using products locally eg recycled garden products from Kimbriki in all council landscaping and rehabilitation. Also use of recycled products such as PET park benches and garbage bins. I did not see much evidence of these actions within the Too Good to Waste Strategy.

21/8/14 email - Great work on the Waste Strategy! I really enjoyed reading through it. I particularly enjoyed the infographics that were used.

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9/9/14 –email - I am writing as a local resident to request that our council joins the Compost Revolution which provides composting and worm farming tutorials to residents across Australia. The program helps residents reduce their household waste by up to 50 % – saving council money and reducing landfill and lowering our carbon footprint. You can see it in action here: www.compostrevolution.com.au And there is more info for Council here: www.compostrevolution.com.au/councils. I would like to hear whether council has considered the programme and whether we can expect to get the Compost Revolution in our area soon?

Manly Daily Letter to the Editor 10 September 2014

THE Manly Daily's editorial on Saturday said, people are producing more waste and there are many reasons for this. One is the way food is supplied. So much of it is over-packaged in cardboard and plastics that it is inevitable the amount of waste continues to rise. One of the best ways to reduce food waste is to buy more fresh produce at local markets, instead of packaged food from supermarkets. Installing worm farms and compost bins are other simple ways to cut food waste.

Another reason could be levelled at the councils themselves. They do little to discourage the amount of waste residents produce.

In Pittwater, a household can buy an extra red, yellow or blue bin for \$10 a week. For the price of two large coffees you can double your total waste. If councils were serious, the biggest waste-producers should be charged more for it and hopefully this would lead to a more thoughtful approach towards waste in the process. NICK HALKYARD, Avalon Beach

Too good to waste

A waste avoidance and resource recovery strategy for Manly, Mosman, Pittwater and Warringah

Councils helping community to do their part

small changes make a **BIG IMPACT**



GO PAPERLESS



Use a wormfarm
MAKE COMPOST



Give away unwanted items



NO PROBLEM WASTE IN BINS



Now over

50% of our garbage is recycled



We're aiming for **70%** by 2021



TO FIND OUT MORE GO TO

SHOROC.COM



Too Good to Waste is the overarching waste strategy for the region – encompassing Manly, Mosman, Pittwater and Warringah local government areas. It has been developed by the four SHOROC councils to improve waste avoidance and resource recovery practices and bring together projects that are more efficiently and effectively delivered in partnership, whilst recognising individual council initiatives. It responds to the NSW State Plan, *NSW 2021*, contributes to targets in the *NSW Waste Avoidance and Resource Recovery Strategy* and will maximise funding opportunities under the NSW Government's *Waste Less, Recycle More* initiative.

Our councils continually face the challenge of managing our waste in the most sustainable way. This challenge will grow as the population increases, more people work here and more visitors explore what we have to offer. A 23.7% (27,672 tonnes) increase in the amount of household waste needing to be collected, recycled or disposed is the conservative forecast by 2021.

This strategy signals a shift to recognise waste as valuable resource of economic benefit. The strategy's main focus is on areas of council responsibility such as household waste and council owned waste infrastructure, however business waste is also considered.

The strategy looks to 2021 with a vision to:

Lead and support our community to avoid, reuse, recycle and recover valuable waste resources.

Priorities and actions to 2017 are targeted on six key focus areas:

- Sustainable infrastructure solutions
- Maximise resource recovery
- Produce less waste
- Increase recycling
- Make disposal of problem wastes easier
- Keep public places clean

The strategy will be monitored to track progress against key performance measures and will be reviewed annually.

Did you know?

- ***Paper recycling by SHOROC residents saves 250,000 trees each year.***
- ***17.5 million steel cans are recycled each week in Australia – enough to build 900 new cars.***

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Photo: Steve Blim

Where does our waste come from?

The region has a population of about 280,000 people. The majority of us work in the region and generate and dispose of waste every day. Locals and visitors alike enjoy playing in the region, on the beaches, at sport and in the natural environment.

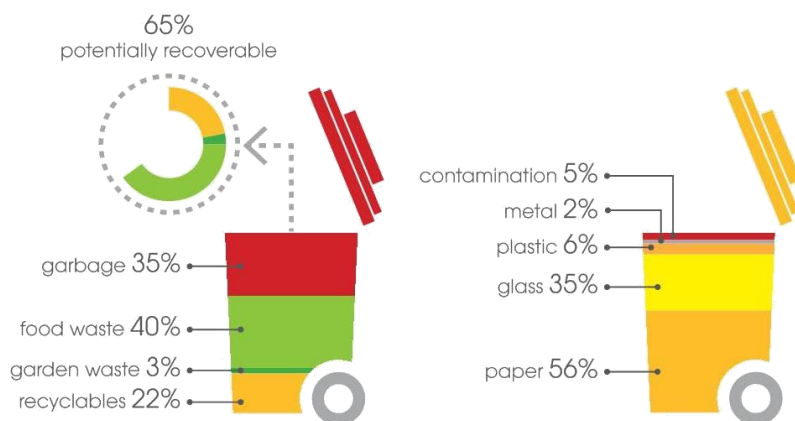
AT HOME

Councils collect about 117,000 tonnes of household waste (garbage, recyclables, garden and clean-up waste) from 109,000 households each year. In addition householders take their own garbage to landfill.

The average household generates 19 kg of waste each week – 9 kg of garbage, 6 kg of recycling and 4 kg of garden waste. This is better than the Sydney metropolitan average of 21 kg of waste each week – 12 kg of garbage, 5 kg of recycling and 4 kg of garden waste.

Household garbage and clean-up waste goes to landfill, recyclables are reprocessed into new products, and garden waste is composted and sold.

Overall 54% of waste is recovered, but we could do better. Currently household bins contain 40% food waste that could be recycled into valuable compost, either in worm farms and compost bins at home, or through a regional facility. Add to this the 22% recyclables and the 3% garden waste found in our garbage, and we could potentially recycle 65% of our garbage bin.



By weight our recyclables are dominated by paper (56%) and glass (35%). A small quantity of garbage (5% contamination) also ends up in the recyclables that can reduce their value. When problem wastes such as batteries or smoke detectors are placed in the household bins they can harm human health and the environment and should be correctly disposed separately.

AT WORK

About 45% of waste going to landfill in Sydney comes from small and medium sized commercial and industrial businesses. Wastes such as food, timber and packaging that could be reused, recycled or recovered make up 70% of this waste. Business costs drive decisions on waste management and waste costs are small relative to other operating costs. Construction and demolition businesses recycle better than commercial and industrial businesses as landfill costs are high due to the weight of the material and there is a market for this material.

The NSW Government has a target of increasing recycling rates from commercial and industrial waste to 70% and from construction and demolition waste to 80% by 2021. Councils are not directly responsible for business waste which is collected by private companies.

ON THE GO

Residents are spending more time in public places, such as parks and beaches, and consuming more items on the go. Most people dispose of their waste responsibly in council provided litter and recycling bins or take their waste home. Events such as food, wine and jazz festivals common in the region concentrate waste generated.

The region's beaches and natural environment are second to none and attract high numbers of domestic and international visitors generating additional waste.

Our community values a litter free environment. Littering impacts on the local environment and the region's image as a tourist destination. Cleaning up litter is expensive and significantly impacts council's operating budget.

The case for change

There is a real need for us to change the way we manage our waste for the future. A growing population, limited landfill space and increasing costs present a significant challenge but also an opportunity to realise economic and environmental benefits from the waste we produce.

The amount of household waste being collected is increasing. Councils will need to manage an extra 23.7% or 27,672 tonnes of waste by 2021. This figure is likely to be even higher with rising disposable incomes and increasing consumerism.



There is limited landfill capacity across Sydney and the NSW Government has set a target of 75% diversion from landfill by 2021. There are only two landfills in the region: council owned Kimbriki landfill at Terrey Hills and the NSW Government owned Belrose landfill. The Belrose landfill that accepts council collected household garbage is nearly full and will close in November 2014, however the transfer station will remain open. The Kimbriki landfill is not licensed to accept this garbage so without action the only option will be to transport it to landfills or recovery facilities outside the region. Disposing of waste to landfill has environmental impacts. Household garbage has a high organic content from the food waste and as it degrades in landfill it

produces methane gas, one of the most significant contributors to climate change. Reducing the amount of waste generated and increasing reuse and recycling will mean less waste to landfill and less use of energy, water and raw materials.

The cost to dispose to landfill is also increasing, in part due to increases in the NSW Government waste levy, expected to rise from \$107.80 to \$130 a tonne by 2015/16. The way we currently collect household waste makes it hard to improve resource recovery rates and divert waste from landfill so costs will rise as the cost of waste disposal increases.

End of life materials (waste) also have a value if they can be efficiently and effectively treated to recover their resources. Innovative technologies can recover valuable resources from waste and these resources are replacing or supplementing virgin materials used in manufacturing. For example many councils across Sydney use a material resource recovery facility to mechanically sort mixed recyclables to recover steel, aluminium, paper and various plastics.

Food and garden waste, the largest part of household garbage, are recoverable to make high grade compost if they are collected separately from garbage. Household collections that collect food waste with garden waste have been introduced by Penrith Council and several regional NSW councils in conjunction with resource recovery facilities and the development of markets for the compost. Recovering food and garden waste makes good environmental and economic sense and will increase landfill capacity for future generations.

Improved waste management will improve our sustainability and reduce our environmental impact and carbon footprint. Waste can either continue to be harmful to the environment in landfill, or a valuable recovered resource – the choice is ours.



Ready for the future

Manly, Mosman, Pittwater and Warringah councils have a strong history of collaboration and are well placed for the future.

We are well progressed in the plan to introduce new regional resource recovery facilities and a new household waste collection system in the coming years. This regional waste solution is the centrepiece of this strategy and will enable the councils to sustainably manage the region's waste and recover its valuable resources for many years to come.

More planning is also needed if we are to produce less waste, reuse and do better at recycling. Decisions made now will have a major impact on our waste in the future.

What is planned?

SUSTAINABLE INFRASTRUCTURE SOLUTIONS

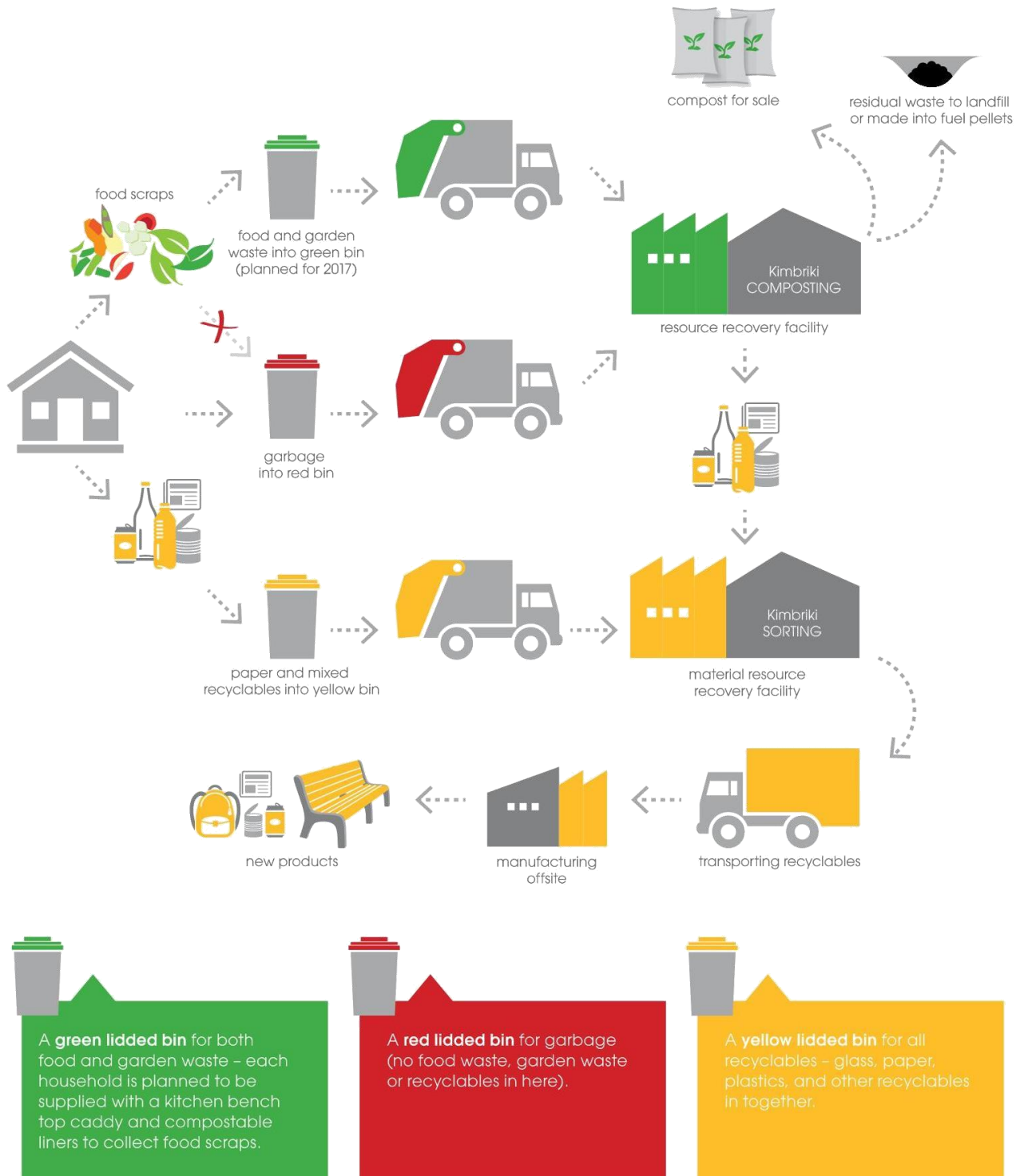
The councils strategically formed Kimbriki Environmental Enterprises Pty Ltd (KEE) in 2009 to operate the Terrey Hills Kimbriki Landfill and Resource Recovery Centre sustainably. KEE has researched and analysed the best way to efficiently and effectively maximise the recovery of resources from the region's waste while minimising the environmental impact. Resource recovery will be maximised through:

- A **landfill resource recovery facility** to sort and recover resources from commercial and household waste received at the Kimbriki site for landfilling – currently anticipated to be operational by the end of 2016.
- An enclosed **materials recovery facility** to sort mixed recyclable materials collected from households for final processing offsite and resale – currently anticipated to be operational by 2017.
- An enclosed **resource recovery facility** to process food and garden waste collected from households into high grade compost for sale, as well as process garbage collected from the kerbside to recover any further resources. Any remaining garbage would be made inert and disposed to Kimbriki's landfill – currently anticipated to be operational by 2017.

Planning is well progressed and the new infrastructure is anticipated to be in place in 2017. All household waste collected by councils will be processed to recover valuable resources, avoiding the need to transport over 51,000 tonnes of garbage to a landfill outside the region each year. Resources will also be recovered from household clean-ups and other material delivered to Kimbriki by residents and business that is currently disposed to landfill. Ancillary infrastructure is also planned to support these facilities, with landfill gas capture for power generation also investigated. We anticipate that with this new regional infrastructure the region will contribute to the NSW Government's target of 75% diversion of waste from landfill by 2021.

PRIORITY	KEY ACTIONS TO 2017 – KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LTD
Increase resource recovery and sustainably manage waste now and for the long term at Kimbriki Resource Recovery Centre	• Continue to recover resources and manage waste using the existing Kimbriki infrastructure • Maximise resource recovery through: • A landfill resource recovery facility to improve resource recovery from commercial and household dropped off waste prior landfilling • A materials recovery facility to maximise material recovery from kerbside recycling • A resource recovery facility to maximise organic recovery from kerbside food and garden waste and ensure any residues to landfill are stabilised to minimise potential greenhouse gas emissions • Investigate feasibility of recovering refuse derived fuel from processed waste • Investigate potential for landfill gas to be used for power generation • Upgrade ancillary infrastructure including internal roadways, weighbridge and parking facilities to support new infrastructure • Advocate to state and federal governments and industry for the development of stable markets for recovered resources • Deliver a communications plan for the Kimbriki Resource Recovery Centre • Investigate demand for polystyrene recycling

A planned sustainable waste and resource recovery solution for the region – anticipated for 2017



What is planned?

MAXIMISE RESOURCE RECOVERY FROM HOUSEHOLD WASTE

The other key component of the regional waste solution is the common household waste collection system. Councils have researched and evaluated a range of options to reduce the amount of household waste going to landfill. Planning for the new collection system is progressing and the new system will commence once the resource recovery infrastructure is operational at Kimbriki – anticipated by 2017.

With the planned regional household waste collection system each residence has three bin types: a recycling bin, a food and garden waste bin and a garbage bin with flexible options for bin size and collection frequencies to cater for different household needs.

Householders putting waste in the right bin will be key to recovering wasted resources and reducing landfill. Councils will be working hard to help householders understand and use the new system when it is introduced.



Photo: Kir

PRIORITY	KEY ACTIONS TO 2017 - COUNCILS AND SHOROC
Implement a regional household waste collection system to improve recycling and recover food waste that meets community needs	- Establish a new regional three bin household kerbside collection system that meets community needs, maximises resource recovery, and aligns with the planned Kimbriki resource recovery infrastructure - Engage the community to raise awareness of the new household waste collection system - Implement a behaviour change program to maximise recovery of food and garden waste, recycling and minimise contamination - Investigate appropriate business models for efficient delivery of waste services - Undertake kerbside audits of all waste streams to monitor performance of new system



Photos: Kimbriki

Did you know?

- Recycling one glass bottle saves enough energy to run a computer for 25 minutes.
- It takes 125 plastic milk bottles to make a 140 litre wheelie bin.
- We throw away 20% of the food we buy – 1 out of every 5 bags of groceries.

What else should we plan for?



PRODUCE LESS WASTE

We can try to use fewer materials or use materials more efficiently to keep them out of the waste stream for as long as possible. If we don't generate the waste, there's no need to spend money to manage and dispose of it and our environmental footprint will reduce.

Tackling waste generation is difficult as it affects our way of life. Making decisions when purchasing, avoiding packaging, home composting food scraps, donating goods to charity, repairing products and extending their life, and improving product and packaging design are some examples of generating less waste.

Councils and Kimbriki Resource Recovery Centre's Eco House and Garden work with the community to avoid and reduce waste through educational programs. For example *Love Food Hate Waste* helps people make better purchasing decisions, improve food storage techniques and use leftovers. Councils can also lobby state and federal governments and industry on behalf of their communities, for example, for better environmental design of products and packaging and better product lifespan responsibility.

PRIORITY	KEY ACTIONS TO 2017
Engage the community to encourage behaviour change to avoid and reduce waste	- Engage with community to produce less waste by delivering a range of behavioural change programs to householders (councils and SHOROC) - Kimbriki Eco House and Garden, Manly Environment Centre and Coastal Environment Centre and councils to promote home and community composting or other appropriate approaches to reduce food and garden waste (councils, Kimbriki and SHOROC) - Promote regional waste to art and waste creative activities (councils, Kimbriki and SHOROC) - Develop regional school resources on waste avoidance to assist council school initiatives (SHOROC) - Facilitate greater donation of unwanted food and goods and maximise opportunities for reuse or repair of goods (councils and SHOROC) - Advocate to state and federal governments for major campaigns on: avoid and reduce; smart shopping and smart consumption (SHOROC)
Advocate for greater producer responsibility	Work with state and federal governments to advocate that producers of products take greater responsibility for managing the environmental impact of their products throughout their life cycle (SHOROC)
Work with NSW and Australian Governments and industry associations to facilitate industry behaviour change to avoid and reduce waste	- Ensure proper design of multi-unit dwellings' waste infrastructure to accommodate waste and recycling source separation and collection - Advocate to increase implementation of and accountability for waste management plans for all development types (SHOROC)

Environmental Services Division Report No. 40.DOC - Too Good to Waste

SHOROC - Too Good to Waste Final Strategy 19 September 2014

INCREASE RECYCLING

Households

Recycling has become a subconscious routine for many people and for others it's an inconvenience. To engage in recycling people need to connect emotionally with the need to recycle. There are also misconceptions about what can be recycled and what condition it needs to be in.

About 65% of household garbage is potentially recyclable including food waste. Householders in apartments sometimes face additional barriers to recycling when there are insufficient or poor recycling facilities available. Recyclables are also found in household clean up waste and while metals are sometimes collected separately, other recyclables such as timber, mattresses and textiles could also be recovered.

The NSW Government and councils want to increase the recycling rate for household waste to 70% by 2021

compared to a regional baseline of 54% in 2011. Changing recycling behaviours of householders and making the new collection system work well for recycling food waste will be vital to make this happen. Councils will engage with the community about what's in their waste and ways to maximise recycling.

Business

Businesses are responsible for their own waste and use private companies for waste collection and disposal. However, Warringah Council provides commercial kerbside waste and recycling service to some commercial premises.

Councils can work with other levels of government to improve recycling practices and infrastructure, particularly in small and medium sized business. Councils can also make a difference through their policies and planning.

PRIORITY	KEY ACTIONS TO 2017
Engage the community to increase kerbside recycling and decrease contamination	• Develop regional educational resources for councils to engage the community to increase understanding of what is recyclable and what happens to recyclables • Promote householder behaviour change to decrease recyclables in the garbage bin and minimise contamination in recycling bins (councils, KEE and SHOROC) • Investigate schemes to decrease the volume and increase reuse and recycling of kerbside bulky clean-up collections prior to collection (councils and SHOROC) • Continue to incentivise recycling over disposal (councils)
Work with state and federal governments and industry associations to facilitate improved recycling practices and recycling infrastructure in businesses	• Work with local chambers of commerce and other organisations to increase social and corporate responsibility for better waste management amongst business (councils and SHOROC) • Advocate to state and federal governments for the waste industry to promote business recycling (SHOROC)
Ensure councils' policies and processes support sustainable waste solutions for business	• Increase compliance with councils' Waste Not Development Control Plans (councils) • Strengthen councils' policies and practices to support waste and recycling solutions in commercial premises (councils) • Advocate to NSW Government for inclusion of waste avoidance and resource recovery initiatives in significant developments (SHOROC) • Review DA processes and compliance with building plans in regards to construction and demolition waste and strengthen internal council processes and accountabilities where required (councils) • Promote increased recycling at commercial and industrial premises and building sites (councils)

What else should we plan for?

MAKE DISPOSAL OF PROBLEM WASTES EASIER

Wastes such as fluorescent lights, paints, household chemicals, smoke detectors, batteries, gas bottles, asbestos and motor oils contain potentially hazardous materials that can harm human health and the environment. These wastes also contaminate household waste and recycling making it harder and more expensive to recover resources.

Some problem wastes are captured by product stewardship schemes such as the National TV and Computer Product Stewardship Scheme for electronic waste or the FluoroCycle scheme for fluorescent lighting tubes that take responsibility for their products at the end of their life. However, access to these schemes is often facilitated by councils.

The EPA in partnership with councils periodically collects problem wastes through the *Household Chemical CleanOut Program*. Main wastes collected during the two regional events in 2013 included paint, gas cylinders and batteries. However, accessing this service is difficult for some residents and it is sometimes oversubscribed.

Problem wastes need to be separated from household waste and recycling, managed with care and recycled appropriately. While Kimbriki and Belrose Resource Recovery Centres do accept some problem wastes, the infrastructure and knowledge for managing problem wastes across the region is sparse.

Councils play a role in facilitating community access to collection schemes. Councils can also engage their communities about the correct disposal methods and help minimise the contamination of household waste and recycling.

KEEP PUBLIC PLACES CLEAN

Reduce illegal dumping

Our councils are responsible for regulating and cleaning up after people illegally dump waste from, for example, households, construction and demolition sites (including asbestos) and gardens. This can take place along roads, in bushland, around residential units, litter bins and charitable recyclers. Illegal dumping can pollute the environment, is potentially dangerous to human health and wildlife and affects local amenity.

There is little information about illegal dumping in the region as councils have concentrated on clean-up and it is difficult to identify and prosecute perpetrators. It is also expensive for councils to clean-up and enforce. The rate of illegal dumping is likely to increase as landfill disposal fees increase and housing density increases.

For councils to combat illegal dumping a coordinated effort will be needed to make it harder to dump (eg lighting, barriers); increase the risk of getting caught; make legal disposal easier and remove excuses by raising the community's awareness of their responsibilities. The community also plays an important role in identifying illegal dumping hot spots and reporting illegal dumping incidents.

The NSW Government has developed a strategy to combat illegal dumping and has set a target of reducing illegal dumping in Sydney by 30% compared with 2010 by 2016.



Problem waste

PRIORITY	KEY ACTIONS TO 2017
Engage with householders to correctly dispose of problem wastes	- Engage with householders on the correct disposal of problem wastes and minimise problem waste contamination in household waste and recycling (councils, KEE and SHOROC) - Facilitate access to collection points for problem wastes (councils and SHOROC) - Facilitate better regional coverage and access to EPA's Household Chemical CleanOut Program (SHOROC) - Advocate to state and federal governments and industry for Sydney and state-wide solutions to problem waste collection and facilitate the take back of problem wastes at retailers (SHOROC) - Advocate to state and federal governments and industry for extended producer responsibility (SHOROC) - Investigate methods for recovering problem wastes from council clean-ups (councils and SHOROC)



Environmental Services Division Report No. 40.DOC - Too Good to Waste SHOROC - Too Good to Waste Final Strategy 19 September 2014

Reduce litter

Litter, particularly visible on our beaches and waterways, can damage wild life and marine life, vegetation and human health and pollute waterways. Overflowing bins, mailboxes and trailers also contribute to littering. Litter often becomes mobile, travelling in the wind or water often for long distances. Studies have shown that litter breeds litter and a clean site is more likely to stay clean longer.

Councils provide and maintain litter and recycling bins to help us dispose of our waste responsibly. This infrastructure is stretched at peak visitor periods over summer and major celebrations and events.

Managing litter is expensive with the costs of clean up impacting on council rates and detracting from other services. Apart from providing bins, councils have a role in educating the community and visitors about the effects of litter. Councils also enforce litter laws that reinforce these messages. The community also contributes by, for example, participating in clean-up campaigns and bush care initiatives, and by business owners maintaining the areas outside their premises.

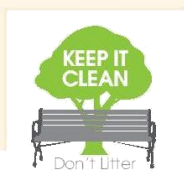


Photo: Beachwatch

Litter is becoming a focus at national and state level. The NSW Government has set a target of reducing litter by 40% compared to 2011 levels by 2016.

Did you know that 95% of the litter on our beaches comes from our streets, down street drains and into stormwater?

PRIORITY	KEY ACTIONS TO 2017
Improve amenity and reduce the environmental impact of illegal dumping	- Investigate the extent of illegal dumping in the region and establish a reporting and monitoring system (councils and SHOROC) - Work to change public perceptions that it is acceptable to dump household items (councils and SHOROC) - Increase awareness of the impacts of illegal dumping and regulations (councils) - Undertake a regional illegal dumping campaign (SHOROC) - Investigate and implement programs to encourage the appropriate disposal of typically dumped problem and hazardous wastes (councils) - Control and manage access to dumping hotspots to reduce illegal dumping (councils)
Reduce the incidence of littering through preventative measures at litter hotspots	- Engage with the community to reduce the rate of littering/windblown material from overflowing bins, mail boxes and vehicles (councils) - Investigate marine litter prevention initiatives (SHOROC) - Undertake education and awareness campaigns to reduce littering (councils) - Undertake a regional anti-litter campaign (SHOROC)
Continue to clean up existing litter and maintain public places to improve amenity and the environment	- Work with local community and sporting groups, schools and business in litter and clean up campaigns and to maintain the area around their businesses and neighbourhoods free of litter (councils) - Review litter and recycling bins to optimise placement and frequency of use (councils) - Investigate how best to measure the extent of littering across the region (councils and SHOROC) - Ensure commercial premises take responsibility for waste and recycling generated by their business (councils)



Where to from here?

Manly, Mosman, Pittwater and Warringah councils are planning to shape the future where waste is no longer a burden but a resource. Innovative resource recovery infrastructure is being planned to manage the region's waste sustainably at Kimbriki. A new household kerbside waste collection system is also being planned to complement these facilities. However, it is the community's support and action that will make this happen. A change of behaviour could see all of us waste less, and recycle more. Implementation plans will be prepared for the actions and once the strategy is finalised the actions will be incorporated into councils' policies and strategies.

Progress on performance and delivery against agreed targets will be measured and reported to SHOROC, the councils and the NSW EPA through annual progress reports and action plans. The strategy will be reviewed and updated in 2016 and actions evaluated after 30 June 2017.

Funding the Strategy

Strategy development has been supported by the NSW Environment Protection Authority with funding from the waste levy. Strategy implementation will be supported by the Domestic Waste Management Charge and the *Waste Less, Recycle More* initiative, a five-year \$465.7 million program to transform waste and recycling in NSW. Some actions will be funded dependent on contestable grant funding from the *Waste Less Recycle More* initiative.

Councils helping community to do their part



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AND MONEY



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