

## RE: 951 Broken Head Road - Waste and Recycling Generation Rates

To whom it may concern,

Operational waste has been calculated as per the Byron Shire DCP 2014 Appendix B8.2 Waste/Recycling Generation Rates. This have been summarised in terms of building use.

USE		B.S.C DCP B8.2 Premise Type	N#	AREA (sqm)	TOTAL AREA (Sqm)	RECYCABLE RATE	WASTE RATE/DAY	GENERATED RECYCLABLE MATERIALS (L/DAY)	GENERATED WASTE (L/DAY)
CB.3 Bin Store									
CABINS	Tourist + Visitor Accommodation	28		1,221	20L/Occupant Space/week	60L/Occupant Space/Week	80 L/day	240 L/day	
CB.01 RESTAURANT	Restaurant / Cafe		231	295	2L / 1.5sqm	10L / 1.5sqm	393 L/day	1,966 L/day	
CB.04 WELLNESS			64						
CB.01 OFFICE	Office		14	140	10L / 100sqm	10L / 100sqm	14 L/day	14 L/day	
CB.02 OFFICE			126						
CB.02 YOGA	Wellness/Recreation		83						
CB.04 WELLNESS + SPA FACILITIES			371	10L / 100sqm	10L / 100sqm	37 L/day	37 L/day		
			288						
TOTAL L/DAY:								524 L/Day	2,257 L/Day
BINS PROVIDED								1.5m³ x 1 = 1,500L	1.5m³ x 3 = 4,500L

\* Use not specified in Byron Shire Council Appendix B8.2. The function of the of the space is a wellness studio including, yoga / spa treatments / gym / pilates, and considered to have low waste generation. Therefore, a similar low waste rate of 'offices' has been applied.

## WASTE PROVISIONS

A total of 4 x 1,500<sup>3</sup> bins have been allocated for the proposal and will be located at CB.03 Bins + Store. Sizing of bins is as per Richmond waste commercial bin allocation. Located in the centre of Precinct A, CB.03 will house 1 x recycling bin and 3 x General waste bins for the use of cabins, the restaurant, office front and back of house and the wellness facility. The proposed bin store is covered and will have a water connection nearby and floor waste connected to the sewerage network to allow the area and bins to be cleaned. A clear zone will be allocated in front of CB.03 Bin + Store for adequate collection of bins.

Collection services will be provided by a commercial operator such as Richmond Waste, based on initial calculations waste collection will happen every 2-3 days.

## GREEN WASTE

A composting/worm farm system will be designed as part of the food garden to accommodate up to 25 kg of wood waste per day

## ADDITIONAL NOTES

As noted in the Sustainability Management Plan by Hip Vs Hype, the operational management plan will commit to ensuring no unrecyclable single use plastics for food and beverage will be used for the entire facility. 'Zero waste' accommodation will be provided where consumables (e.g bar fridge contents, soaps) are provided in reusable containers, with a commitment to natural and ecologically sensitive products i.e soaps, detergents etc.

Yours Sincerely,

Hayley Pryor

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