

Appendix K Equivalent Persons Estimates

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PORT OF AIRLIE MARINA DEVELOPMENT

Appendix K Equivalent Persons Estimates

■ Table K-1 Estimates of Persons Facilitated by the Development

		No. units	ET/unit	Area ha	ET/ha	Carparks		TOTAL ETs	TOTAL EPs	Notes/Assumptions
						No.	ET/ha			
A	Apartment Hotel									
	Guest Rooms	170	0.6					102	357	1 brm unit
	Guest Facilities			0.95	50			47.5	166	1.0ET per 200m ²
B	Harbour Serviced Apartments									
	2 brm	16	0.7					11.2	39	Units
	3 brm	8	0.8					6.4	22	Units
	3+ brm (assumed = 4EP/unit)	2	0.9					1.8	6	Units
	Carpark (assume zero)					30	10	0.3	1	Light Industry
C	Sea Terminal									
	Terminal for tour operator			0.09	50			4.5	16	1.0ET per 200m ²
	Carparking					24	10	0.24	1	
D	Public Carpark & Bus Transit Facility									
	Carparking					200	10	2	7	Light Industry
E	Harbourfront Mixed Use									
	Commercial			0.084	50			4.2	15	Local shopping/Commercial
	2 brm	15	0.7					10.5	37	Units
	3 brm	6	0.8					4.8	17	Units
	3+ brm	2	0.9					1.8	6	Units
	Carparking					54	10	0.54	2	Light Industry
F	Harbourfront Mixed Use									
	Tourist Services			0.033	50			1.65	6	Local shopping/Commercial
	Harbour F&B			0.092	50			4.6	16	Local shopping/Commercial
	1 brm	6	0.6					3.6	13	Units
	2 brm	24	0.7					16.8	59	Units
	3 brm	6	0.8					4.8	17	Units
	3+ brm	4	0.9					3.6	13	Units
	Carparking					75	10	0.75	3	Light Industry
G	Harbourfront Mixed Use & Public Carpark									
	Harbour F&B			0.0375	50			1.875	7	Local shopping/Commercial
	Tourist retail			0.0865	50			4.325	15	Local shopping/Commercial
	Specialist retail & Commercial			0.102	50			5.1	18	Local shopping/Commercial
	2 brm	39	0.7					27.3	96	Units
	3 brm	16	0.8					12.8	45	Units
	3+ brm	3	0.9					2.7	9	Units
	Carparking					315	10	3.15	11	Light Industry
H	Harbourfront Residential									
	2 brm	23	0.7					16.1	56	Units
	3 brm	15	0.8					12	42	Units
	3+ brm	4	0.9					3.6	13	Units
	3+ brm + den	7	0.9					6.3	22	Units
	Carparking					100	10	1	4	Light Industry
J	Marine Industrial									
	Buildings			0.24	60			14.4	50	General/Waterfront Industry
K	Public Boat Ramp									Included in Marina Industrial

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	Boat ramp and carparking								
L	Seaview Residential								
	2 brm + den	16	0.7				11.2	39	Units
	3 brm	8	0.8				6.4	22	Units
	4 brm	1	0.9				0.9	3	Units
	Carparking				50	10	0.5	2	Light Industry
M	Seaview Res Villas								
	3 brm + den	16	0.9				14.4	50	Units
N	Seaview Res Lots								
	Residential	7	1				7	25	Residential dwelling houses
O	Marine Academy			0.2	60		12	42	General/Waterfront Industry
P	Marina Administration			0.2	50		10	35	1.0ET per 200m ²
Q	Marina berths (1)	240	0.15				36	126	Assume 2 persons per boat with 25% average occupancy
	Ferries and Charter Vessels(2)						48	168	Assume 2400 passengers per day @ 20l/passenger
	TOTAL						491	1717	

Notes

- (1) Assumes all vessels have water tanks and sewage holding tanks
- (2) Assumes all passenger vessels will be required to use the marina pump out facilities

Assumptions

Carpark sizes = 10 m²
 EP/ET ratio = 3.5