









Table 2. Estimated pipe network capacity and performance in AEP events

Network length	Location	Diameter	Capacity m ³ /s	Performance (% full)			
				ARI / AEP event			
				2 year 50%	10 year 10%	50 year 2%	100 year 1%
Northern reach upstream of Kerala Way uplifted manhole SW05974 (Northern Catchment)	Rama Cres to Rama Cres	DN300	0.32	Insufficient			
	North to South Rama Cres	DN300	0.57	60%	88%	Insufficient	
	South to Rama Cres to North West Rama Cres	DN300	0.35	97%	Insufficient		
	North West to Rama Cres to Kerala Way	DN300	0.32	Insufficient			
Eastern reach entering Kerala Way upstream of uplifted manhole SW05974 (Eastern Catchment)	Rama Cres	DN225	0.15	33%	54%	74%	80%
	Rama Cres to opposite Kerala Way entrance	DN225	0.14	34%	55%	76%	83%
	Crossing Rama Cres to entrance of Kerala Way	DN225	0.08	59%	95%	Insufficient	
	Entrance to Kerala Way to Kerala Way	DN225	0.11	45%	71%	98%	Insufficient
Downstream of 10 Kerala Way uplifted manhole SW05974 (Both Catchments)	Kerala Way to Rama Cres	DN300	0.46	84%	Insufficient		
	to Rama Cres	DN300	0.17	Insufficient			
	Short length outside Rama Cres	DN225	0.14	Insufficient			
	to Rama Cres	DN450	0.62	63%	94%	Insufficient	