

FY2015			FY2016			FY2017			FY2018			FY2019			AVERAGE
Avg Day Demand	MGD	8.186	Avg Day Demand	MGD	8.061	Avg Day Demand	MGD	7.718	Avg Day Demand	MGD	7.553	Avg Day Demand	MGD	7.673	7.838
Max Day (actual)	MGD	13.651	Max Day (actual)	MGD	14.162	Max Day (actual)	MGD	13.873	Max Day (actual)	MGD	13.354	Max Day (actual)	MGD	17.549	14.518
Max Day (calc'd)	MGD	15.553	Max Day (calc'd)	MGD	15.315	Max Day (calc'd)	MGD	14.664	Max Day (calc'd)	MGD	14.350	Max Day (calc'd)	MGD	14.578	14.892
Max Hour Flow ¹	GPM	12572	Max Hour Flow ¹	GPM	12756	Max Hour Flow ¹	GPM	14030	Max Hour Flow ¹	GPM	12200	Max Hour Flow ¹	GPM	12992	12,910
Max Hour Flow ¹	MGD	18.10	Max Hour Flow ¹	MGD	18.37	Max Hour Flow ¹	MGD	20.20	Max Hour Flow ¹	MGD	17.57	Max Hour Flow ¹	MGD	18.71	18.590
Max Hour Volume ²	MG	0.754	Max Hour Volume ²	MG	0.765	Max Hour Volume ²	MG	0.842	Max Hour Volume ²	MG	0.732	Max Hour Volume ²	MG	0.780	0.775
Peak Hour Calc'd ³	MG	0.757	Peak Hour Calc'd ³	MG	0.746	Peak Hour Calc'd ³	MG	0.714	Peak Hour Calc'd ³	MG	0.699	Peak Hour Calc'd ³	MG	0.710	0.725
Max Day Factor ⁴		1.9	Max Day Factor ⁴		1.9	Max Day Factor ⁴		1.9	Max Day Factor ⁴		1.9	Max Day Factor ⁴		1.9	1.9
Max Day Factor ⁵		1.7	Max Day Factor ⁵		1.8	Max Day Factor ⁵		1.8	Max Day Factor ⁵		1.8	Max Day Factor ⁵		2.3	1.9

1- Max Hour Flow is the actual flow rate from all pumps running during the peak hour

2- Max Hour Volume is the actual volume flowed during the peak hour

3- Peak Hour Calculated = Avg Daily Demand x (Peak Factor of 2.22/24)

4- Peak Factor- Average of the five Calculated Max Day Factors

5- Max Day Factor Calculated- Actual Max Daily Demand/Average Daily Demand