

Wastewater System Study
Pigeon Forge, Tennessee



Table 2.1: Current and Future Flow Projections

# Basin/Sub Basin Name	2000		2013		2023		Current Capacity (MGD)
	Average Flow (MGD)	Peak Flow (MGD)	Average Flow (MGD)	Peak Flow (MGD)	Average Flow (MGD)	Peak Flow (MGD)	
Sewer Treatment Plant	2.56	8.18	4.17	12.51	6.79	20.38	4.0
1 North Parkway Basin	0.39	0.89	0.63	1.44	1.03	2.35	0.65
A Lower Parkway Sub Basin	0.39	0.89	0.63	1.44	1.03	2.35	0.65
B Thurman Sub Basin	0.10	0.15	0.15	0.23	0.17	0.26	PS, 0.29
C Fenway Sub Basin	0.02	0.08	0.02	0.09	0.02	0.10	PS, 0.30
2 West Prong Little Pigeon River Basin	0.45	0.93	0.99	2.02	1.46	2.97	4.54
A Belz Mall Sub Basin	0.45	0.93	0.99	2.02	1.46	2.97	4.54
B Jake Thomas Road Sub Basin	0.01	0.04	0.01	0.04	0.01	0.04	0.65
C Highland Park Sub Basin	0.30	0.43	0.40	0.58	0.30	0.43	4.39
D Old City Hall Sub Basin	0.01	0.01	0.01	0.01	0.01	0.01	PS, 0.36
E Marshall Bottoms Sub Basin	0.02	0.05	0.03	0.08	0.03	0.10	2.21
3 Middle Creek Basin	0.3	0.43	0.6	0.86	0.9	1.29	PS
A Middle Creek Road Sub Basin	0.3	0.43	0.60	0.86	0.90	1.29	PS
B Dollywood Sub Basin	0.19	0.46	0.31	0.75	0.51	1.23	1.56
C Ridge Road Sub Basin	0.04	0.08	0.06	0.14	0.10	0.22	PS, 0.26
4 Mill Creek Basin	0.65	0.94	1.08	2.13	1.75	2.55	3.40
A City Park Sub Basin	0.65	0.94	1.08	2.13	1.75	2.55	3.40
B Nancy Street Sub Basin	0.37	0.37	0.60	0.61	0.98	0.99	1.56
C Progress Hill Sub Basin	0.02	0.09	0.02	0.10	0.02	0.10	1.54
D Cole Hollow Sub Basin	0.04	0.19	0.04	0.21	0.04	0.23	1.27