

Table 4.2 - Sewage Flow Generated From Flow Monitoring Data

Week	MH 300045 Average Flow (L/s)	Estimated Population	Standard (L/cap/day)
4/30/2000	7.41	2560	250
5/7/2000	7.35	2560	248
5/14/2000	6.09	2560	206
AVERAGE			233

Table 4.3: Residential Peaking Factors
Monitored versus Harmon & City of Edmonton Formulas

Manhole #	Week	Pop.	Q peak (L/s)	Q avg (L/s)	Monitored Peaking Factor	Peaking Factor Based on Harmon Equation	Peaking Factor Based on City of Edmonton
300036	6/18/2000	4400	17.39	6.98	2.49	3.30	2.24
340009	6/18/2000	2945	12.35	5.36	2.30	3.45	2.33
300045	5/14/2000	2675	14.88	6.09	2.44	3.48	2.36
140001	6/16/2000	1115	4.8	2.18	2.20	3.77	2.57
130006	6/18/2000	1400	6.3	2.24	2.81	3.70	2.51