

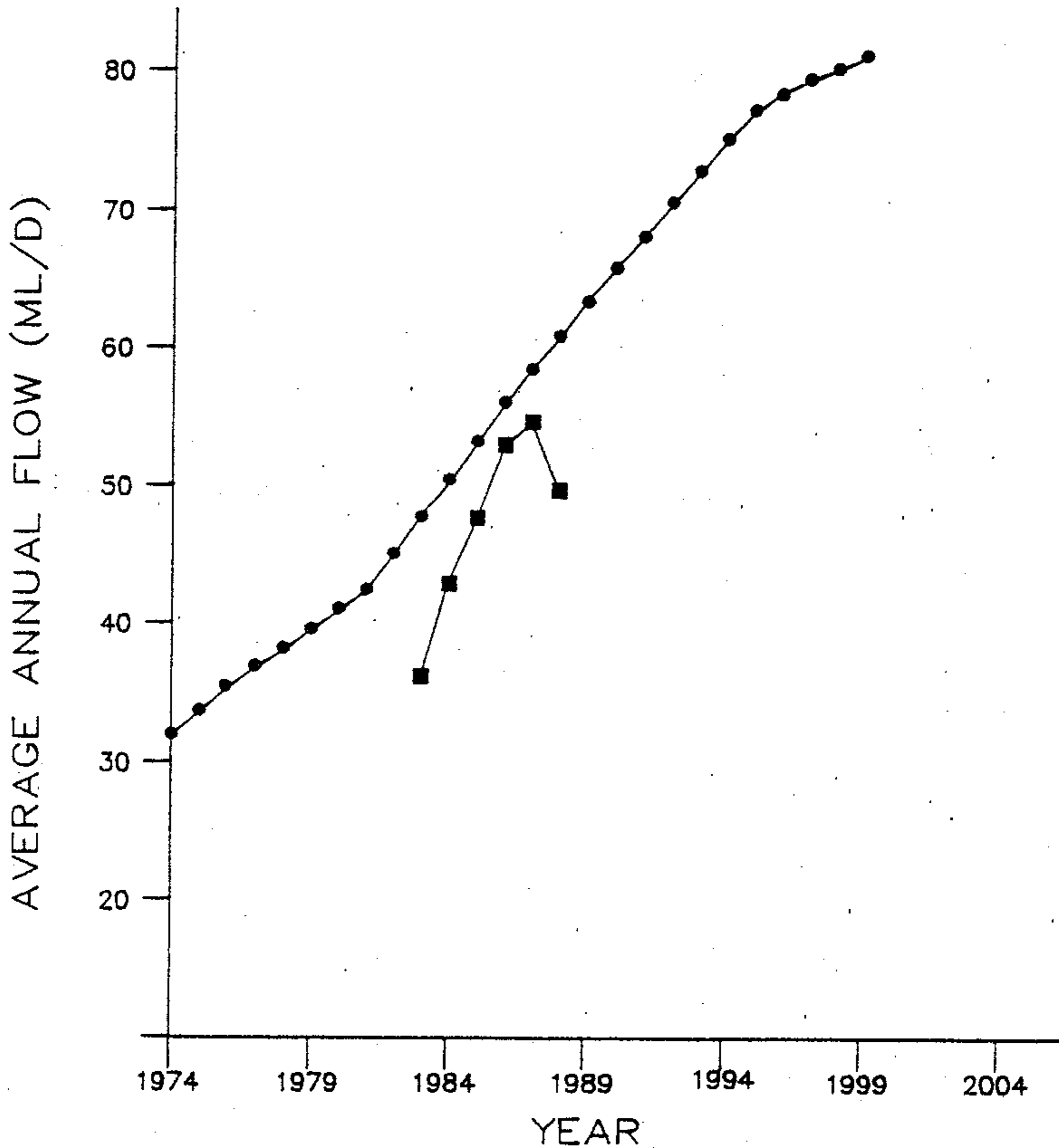
Appendix 5
PLANNING DATA SHEETS

1989 WASTEWATER SUMMARY DATA

2. SEWPCC	Existing Capacity	1989 Actual	Expansion Design Capacity	
			Stage 1	Stage 2
.1 Population (estimate)		142060	169240	180200
.2 Wastewater Flows				
Average Annual Flow (AAF)		53.7 ML/D	70 ML/D	106 ML/D
Average Annual Flow per Capita per Day		378 Lpcpd	414 Lpcpd	588 Lpcpd
Average Dry Weather Flow (ADWF)	48.1 ML/D	47.8 ML/D	58 ML/D	88 ML/D
Average Dry Weather Flow per Capita per Day		336 Lpcpd	342 Lpcpd	427 Lpcpd
Daily Peak Flows: Peak Dry Weather Flow (PDWF)	81.8 ML/D	63.1 ML/D	1.7 x ADWF	1.7 x ADWF
Peak Wet Weather Flow (PWWF)		135.3 ML/D	3.0 x ADWF	3.0 x ADWF
Peak Month Flow		63.2 ML/D		
Max 5 Day Flow		90.6 ML/D		

.3 Wastewater Strength

	Concentration mg/l			
	BOD	TSS	BOD	TSS
Raw Sewage:				
Average	247	272	250	250
Maximum	395	357	348	373
Max. Month	368	381	283	260
Secondary Flow:				
Average	188	213	151	135
Maximum	282	364	250	254
Max. Month	320	360	210	194



●—● PROJECTED AVERAGE FLOWS
 ■—■ HISTORICAL AVERAGE FLOWS

SEWPCC
 HISTORICAL & PREDICTED
 WASTEWATER FLOWS
 FIGURE 2.2