

CURLEWIS GOLF CLUB

TECHNICAL DATA



Project Description

Population	N/A (Sewer Mining)	
Daily Hydraulic Load	250,000	l/day
Site Description	Golf Course	
Water Source	Municipal Sewer (Mined)	
End Uses	Irrigation	

Plant Description

Treatment Processes	Components	Suppliers
Plant Feed method	Sewer Mining	Grundfos
Screening	Screw Screen Compactor	Johnson Screens
Flow Equalisation Tank	Concrete In-situ	Panthers Concrete Tanks
Biological Treatment (BNR)	MBR System	Vic Pits / Rehau
Membrane Filtration		Siemens Water Technologies
Primary Chlorine Disinfection	Inline dosing	Grundfos
Instruments	Pressure	Endress & Hauser
	Level	Endress & Hauser
	Flow	Endress & Hauser
	Dissolved Oxygen	Hach
	pH	Hach
	Turbidity	Hach
Controls	PLC	Allen Bradley
	HMI	Advantech
	SCADA	IFIX

Actual Water Quality Targets

BOD	<5	mg/L
Suspended Solids	<1	mg/L
Turbidity	<0.3	NTU
pH	6.0 to 9.0	
E. Coli	<1	org/100mL