

# DIGITAL HARBOUR

## TECHNICAL DATA



### Project Description

Population	1225	p/day
Daily Hydraulic Load	15,000	l/day
Site Description	Commercial office space	
Water Source	Black & Grey Water	
End Uses	Toilet Flushing	

### Plant Description

Treatment Processes	Components	Suppliers
Plant Feed method	Pressurised sewer	Others
Screening	Gross Solids Separator	Rocla
Flow Equalisation Tank	Pre-cast Concrete Tank	Frankston Concrete Tanks
Biological Treatment	MBR System	Custom In-situ Design
Membrane Filtration		Siemens Water Technologies
Chlorine Disinfection	Custom Design Contactor	WJP Solutions
Instruments	Pressure	Endress & Hauser
	Level	Endress & Hauser
	Flow	Endress & Hauser
	Dissolved Oxygen	Endress & Hauser
	pH	Endress & Hauser
	Chlorine	Endress & Hauser
	Turbidity	Endress & Hauser
	Electrical Conductivity	Endress & Hauser
Controls	PLC	Koyo
	HMI	Advantech
	SCADA	IFIX

### Treated Water Quality Targets

BOD	<10	mg/L
Suspended Solids	<10	mg/L
Turbidity	<2	NTU
pH	6.5 to 8.5	
E. Coli	<1	org/100mL