



CUSTOMER: Dept. of Finance WA

SITE: EUCLA

TRISTAR REF NO: P1236

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## RO PLANT LOG SHEET

YEAR:	DATE	DESIGN VALUE	MON	TUE	WED	THU	FRI	SAT	SUN
	TIME								
1	Feed Water Tank Level Transmitter (LT-101, %)	< 30							
2	Inlet Feed Water Temperature (TG-101, deg C)	15 - 35							
3	Inlet Feed Water pH (pH-101)	7.8							
4	Inlet Feed Water Conductivity (KI-101, uS/cm)	<11,000							

5	RO Permeate Conductivity (KI-102, uS/cm)	< 200							
6	Potable Water Conductivity (KI-201, uS/cm)	< 800							
7	Potable Water Turbidity (TUR-201, NTU)	< 1.0							
8	Potable Water pH (pH-201)	6.5 - 8.5							
9	Potable Water Chlorine (CL-201, mg/L)	0.2 - 0.6							
10	Media Filter Inlet Pressure (PIT-101, kPa)	300 - 500							
11	Media Filter Outlet Pressure (PIT-102, kPa)	200 - 400							
12	Media Filter Differential Pressure (DP-101, kPa)	< 100							
13	1 Micron Cartridge Filter Pressure (PIT-103, kPa)	120 - 320							
14	1 Micron Cartridge Filter Differential Pressure (DP-102, kPa)	< 80							
15	RO Inlet Pressure (PIT-104, kPa)	1300 - 1400							
16	RO Concentrate Pressure (PIT-105, kPa)	1280 - 1380							

17	RO Differential Pressure (DP-103, kPa)	< 40							
15	Recirculation Pump Discharge Pressure (PT-201, kPa)	200 -300							
16	RO Permeate Flow (FIT-101, m3/h)	2.2							
17	RO Reject Flow (FIT-102, m3/h)	2.2							
18	RO Concentrate Recirculation (FIT-103, m3/h)	2.5							
19	Potable Water Aeration Ejector Flow (FI-201, LPH)	1200							
17	ANTISCALANT PUMP SETTING (%)	35							
18	ANTISCALANT TANK LEVEL	<20							
19	SULPHURIC ACID PUMP SETTING (%)	1							
20	SULPHURIC ACID TANK LEVEL	<20							
21	FREE CHLORINE RESIDUAL (ppm)	0.5 - 0.75							
19	HYPOCHLORITE TANK LEVEL	<5							

	<u>MAINTENANCE</u>								
1	CARTRIDGE FILTER REPLACEMENT								
2	ANTISCALANT TANK TOPPED UP/REFILL								
3	SUPHURIC ACID TANK TOPPED UP/REFILL								
4	HYPOCHLORITE TANK TOPPED UP/REFILL								
5	MEMBRANE CHEMICAL CLEAN								
	OTHER NOTES:								
	OPERATORS INITIALS (PRINT)								