


**Water and Waste
Eaux et déchets**

Professional Seal

 NORTH END WATER POLLUTION CONTROL CENTRE (NEWPCC)
 SECONDARY CLARIFIERS 11 TO 26 SLUDGE LEVEL DETECTION
 PULSAR SLUDGE FINDER 2
 LIT-S711 to LIT-S726

Rev	Description	Date	Created By	Checked By	Approved By
00	Issued for Construction	2026-02-02	S. Warnakulasooriya	B. Cleven	B. Cleven

To enter program mode, use passcode "1997".
 To enter the Service Menu, use passcode "552621".

Program Mode		Setpoint	Note	Rev.
Service Menu				
	P067 Choose Peak	Area		
	P068 Meas. Percent	65%		
Application				
	P100 Mode	Level		
	P101 Transducer	VT10		
	P102 Material	Secondary		
	P115 Tank Depth	3.645 metres		
	P116 Transducer Depth	0.150 metres		
	P106 Span	3.195 metres		
	P107 Near Blanking	0.300 metres		
Display				
	P800 Display Units	Measured		
	P801 Decimal Places	3 Decimal Places		
	P802 Display Offset	0		
	P804 Display Conversion	1		
	P808 Failsafe Mode	1 Known		
	P809 Failsafe Time	2 mins		
mA Output				
	P830 mA Range	2, 4 to 20mA		
	P831 mA Mode	0 Mode P100/P1100		
	P834 mA Low Level	0		
	P835 mA High Level	3.600 metres	P106 Span	
	P836 mA Low Limit	4.00mA		
	P837 mA High Limit	20.00mA		
	P838 mA Low Trim	0	1	
	P839 mA High Trim	0	1	

		P840 mA Fail Mode	0 P808		
		P841 mA Allocation	1 Xducer 1		
Compensation					
		P851 Measnt. Offset	0		
		P852 Temp. Source	1 Automatic		
		P854 Fixed Temp.	P852		
		P860 Sound Velocity	1482.32m/s		
Stability					
		P870 Fill Damping	10m/min		
		P871 Empty Damping	10m/min		
		P881 Fixed Distance	0		
		P883 Gate Expand	0.1m		
System					
		P921 Enable Code	1 Enabled		
		P922 Passcode	1997		
		P935 Off Colour	Yellow		
		P936 Alarm Colour	Red		
		P938 Control Colour	Green		
		P939 Misc. Colour	Green		

Notes

1. Adjust during commissioning for specific loop impedance.
2. The Contractor shall advise the Contract Administrator of any proposed deviations from the settings shown. Any deviations from the settings shown shall be approved by the Contract Administrator prior to implementation.

