

ADCP – Sontek Data Entry

Overview:

This Operation Manual details the office procedures required to correctly 'post-process' and import a FlowTracker gauging. Horizons will adhere to these procedures for all future and historical FlowTracker gauging's until a National FlowTracker Procedure is adopted. However, our newly adopted procedures are aimed to be a lot more stringent than future nationwide guidelines.

Further information can be found in the Sontek Manual (\\ares\Hydrology Sites\General Site Information\Manuals\SonTek FlowTracker.pdf).

Post-processing:

1.Transferring Data

Open the Sontek FlowTracker v2.30 software and select "connect to a Flowtracker"



Select the correct serial port, this should automatically do this for you anyway. Keep the Baud rate to 9600. Select OK once the FlowTracker has been found. The FlowTracker should also display "Under External Control" from the display screen of the unit.

6	Connect to serial port							
Γ	Connection sel	ttings						
	🔘 СОМ1	🔘 СОМ5	Baud rate:	9600 💌				
	🔘 СОМ2	🔘 СОМ6						
	🔘 СОМЗ	COM7						
	🔵 СОМ4	🔵 СОМ8		Connect				
	Click 'Connect'	Cancel						
L								

Message from webpage	23
A FlowTracker Found on CON	11
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Open the FlowTracker Files once the download / export is complete. This will open the "Discharge Measurement Summary". Unfortunately, nothing from the gauging can be edited in the software. We assume that everything has been correctly!

Version No: Issue Date:	01 1/9/2016	Horizons Regional	Section No: 6.33				
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Serial	#			P3485	V	elocity	m/s		Acc	uracy		1.0%	1.0
CPU F	Firmwa	re Versi	ion	3.9	A	rea	m^2		Dep	th		0.1%	1.5
Softw	vare Ve	er		2.30	D	scharge	m^3/	s	Velo	city		0.5%	1.4
Moun	iting Co	orrectio	n	0.0%					Wid	th		0.1%	0.1
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5t C 0 1 2 3	lock 13:16 13:18 13:19 13:20	Loc 3.70 4.30 4.90 5.50	esults Method None 0.6 0.6	Depth 0.000 0.090 0.150 0.220	%Dep 0.0 0.6 0.6	MeasD 0.0 0.036 0.060 0.088	Vel 0.0000 0.1109 0.1480	CorrF	act 0.50 1.00 1.00	MeanV 0.0000 0.0832 0.1294 0.1692	Area 0.000 0.027 0.072 0.111	Flow 0.0000 0.0022 0.0093 0.0188	%
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St C 0 1 2 3 4 5 6 7 7 8 9 10 11 12	Iock 13:16 13:18 13:19 13:20 13:21 13:22 13:23 13:24 13:26 13:27 13:28 13:29 13:30	Loc 3.70 4.30 4.90 5.50 6.10 6.70 7.30 7.90 8.50 9.10 9.70 10.30 10.90	esults Method None 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Depth 0.000 0.150 0.220 0.260 0.320 0.360 0.360 0.360 0.430 0.430 0.470 0.515	%Dep 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	MeasD 0.0 0.036 0.060 0.088 0.104 0.128 0.144 0.144 0.172 0.188 0.204 0.214 0.214 0.206	Vel 0.0000 0.1109 0.1480 0.1905 0.2333 0.2667 0.2562 0.2533 0.2400 0.2778 0.2778 0.2726 0.2812 0.3014	CorrF	act 0.50 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	MeanV 0.0000 0.0832 0.1294 0.2119 0.2500 0.2614 0.2547 0.2466 0.2589 0.2752 0.2769 0.2759 0.2913	Area 0.000 0.027 0.072 0.111 0.144 0.174 0.204 0.216 0.237 0.270 0.294 0.314 0.315	Flow 0.0000 0.0022 0.0093 0.0188 0.0305 0.0435 0.0533 0.0550 0.0585 0.0699 0.0809 0.0868 0.0918	
St. C 0 1 2 3 4 5 6 7 8 9 10 11 12 13	Iock 13:16 13:18 13:19 13:20 13:21 13:22 13:23 13:24 13:26 13:27 13:28 13:29 13:30 13:31	Loc 3.70 4.30 4.90 5.50 6.10 6.70 7.30 7.90 8.50 9.10 9.70 10.30 10.90 11.50	esuits Method None 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Depth 0.000 0.150 0.220 0.260 0.320 0.360 0.360 0.430 0.430 0.470 0.515 0.515	%Dep 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	MeasD 0.0 0.036 0.060 0.088 0.104 0.128 0.144 0.144 0.172 0.188 0.204 0.214 0.206 0.206	Vel 0.0000 0.1109 0.1480 0.1905 0.2333 0.2667 0.2562 0.2533 0.2400 0.2778 0.2778 0.2726 0.2812 0.3014 0.2844	CorrF	act 0.50 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1	MeanV 0.0000 0.0832 0.1294 0.2119 0.2500 0.2614 0.2547 0.2466 0.2589 0.2752 0.2769 0.2752 0.2769 0.2913 0.2929	Area 0.000 0.027 0.072 0.111 0.144 0.174 0.204 0.216 0.237 0.270 0.294 0.314 0.315 0.309	Flow 0.0000 0.0022 0.0093 0.0188 0.0305 0.0435 0.0533 0.0550 0.0585 0.0699 0.0809 0.0808 0.0918 0.0918	
St. C 0 1 2 3 4 5 6 7 7 8 9 10 11 12 13 14	Iock 13:16 13:18 13:19 13:20 13:21 13:22 13:23 13:24 13:26 13:27 13:28 13:29 13:30 13:31	Loc 3.70 4.30 4.90 5.50 6.10 6.70 7.30 7.90 8.50 9.10 9.70 10.30 10.90 11.50 12.10	esuits Method None 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Depth 0.000 0.150 0.220 0.260 0.320 0.360 0.360 0.430 0.430 0.470 0.515 0.515 0.515 0.500	%Dep 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	MeasD 0.0 0.036 0.060 0.088 0.104 0.128 0.144 0.172 0.188 0.204 0.214 0.206 0.206 0.206	Vel 0.0000 0.1109 0.1480 0.1905 0.2333 0.2667 0.2562 0.2533 0.2400 0.2778 0.2778 0.2778 0.2726 0.2812 0.3014 0.2844 0.2354		act 0.50 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1	MeanV 0.0000 0.0832 0.1294 0.2119 0.2500 0.2614 0.2547 0.2466 0.2589 0.2752 0.2769 0.2752 0.2769 0.2913 0.2929 0.2599	Area 0.000 0.027 0.072 0.111 0.144 0.204 0.204 0.216 0.237 0.270 0.294 0.315 0.309 0.305	Flow 0.0000 0.0022 0.0093 0.0188 0.0305 0.0435 0.0533 0.0550 0.0585 0.0699 0.0809 0.0809 0.0868 0.0918 0.0905 0.0791	
St. C 0 1 2 3 3 4 5 6 7 8 9 10 11 12 13 14 15 14	Iock 13:16 13:18 13:19 13:20 13:21 13:22 13:23 13:24 13:26 13:27 13:28 13:29 13:30 13:31 13:33	Lec 3.70 4.30 4.90 5.50 6.10 6.70 7.30 7.90 8.50 9.10 9.70 10.30 10.90 11.50 12.10 12.70	esuits Method None 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Depth 0.000 0.150 0.220 0.260 0.320 0.360 0.360 0.430 0.470 0.515 0.515 0.515 0.500 0.540	%Dep 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	MeasD 0.036 0.060 0.088 0.104 0.128 0.144 0.172 0.188 0.204 0.214 0.206 0.206 0.206 0.200 0.216	Vel 0.0000 0.1109 0.1480 0.2333 0.2667 0.2562 0.2533 0.2400 0.2778 0.2778 0.2726 0.2812 0.2812 0.3014 0.2354 0.2354 0.1713		act 0.50 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1	MeanV 0.0000 0.0832 0.1294 0.2119 0.2500 0.2614 0.2547 0.2466 0.2589 0.2752 0.2769 0.2752 0.2769 0.2913 0.2913 0.2929 0.2599 0.2033	Area 0.000 0.027 0.111 0.144 0.174 0.204 0.216 0.237 0.270 0.294 0.314 0.315 0.309 0.305 0.312	Flow 0.0000 0.0022 0.0093 0.0188 0.0305 0.0435 0.0533 0.0550 0.0585 0.0699 0.0809 0.0809 0.0868 0.0918 0.0905 0.0791 0.0634	
St. C 0 1 2 3 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Iock 13:16 13:18 13:19 13:20 13:21 13:22 13:23 13:24 13:25 13:27 13:28 13:29 13:30 13:31 13:33 13:34	Loc 3.70 4.30 4.90 5.50 6.10 6.70 7.90 8.50 9.10 9.70 10.30 10.90 11.50 12.10 12.70 13.30	esuits Method None 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Depth 0.000 0.150 0.220 0.260 0.320 0.360 0.360 0.430 0.470 0.515 0.515 0.515 0.515 0.500 0.540 0.540 0.610	%Dep 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	MeasD 0.036 0.060 0.088 0.104 0.128 0.144 0.144 0.172 0.188 0.204 0.214 0.206 0.206 0.200 0.216 0.244	Vel 0.0000 0.1109 0.1480 0.2333 0.2667 0.2562 0.2533 0.2400 0.2778 0.2778 0.2726 0.2812 0.3014 0.2354 0.2354 0.1713 0.2274		act 0.50 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1	MeanV 0.0000 0.0832 0.1294 0.2119 0.2500 0.2614 0.2547 0.2466 0.2589 0.2752 0.2752 0.2769 0.2752 0.2769 0.2913 0.2929 0.2599 0.2599 0.2033 0.1993	Area 0.000 0.027 0.072 0.111 0.144 0.174 0.204 0.216 0.237 0.270 0.294 0.314 0.315 0.309 0.305 0.305 0.312 0.345	Flow 0.0000 0.0022 0.0093 0.0188 0.0305 0.0435 0.0550 0.0555 0.0699 0.0809 0.0809 0.0868 0.0918 0.0905 0.0791 0.0634 0.0684 0.0688	
St. C 0 1 2 3 3 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 -	Iock 13:16 13:18 13:19 13:20 13:21 13:22 13:23 13:24 13:25 13:26 13:27 13:28 13:29 13:31 13:33 13:34 13:35 13:36	Loc 3.70 4.30 4.90 5.50 6.10 6.70 7.90 8.50 9.10 9.70 10.30 10.90 11.50 12.10 12.70 13.30 13.90	esuits Method None 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 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Take note of the Discharge Uncertainty Overall statistics. This governs the QC of the gauging.

Print out the Discharge Measurement Summary

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ADCP – S	ontek Data Ent	rv	L

ADCP – SONTEK DATA ENTRY IMPORTING .WAD FILE TO HILLTOP

This section outlines the importing of the FlowTracker.WAD file to Hilltop.

Open Hilltop Manager, and select the respective regions Hilltop gauging file i.e. Northern Gauging's located on \\ares\Hydrology\Gaugings\Northern Gaugings.hts

From the tool menu in Manager, select: Data > Import > Flow Tracker. This opens the import dialog screen

Source Filename X:\Gaugings\Project Sites\1160503_Ruapehu Low	Go
Site Name Mangawhero at Pakihi Rd Bridge	Cancel
Gauging Time Start time End time G Half way in between	Help

Select the filename location. This will be the exported .WAD file Select the site name from where the gauging was undertaken Gauging time should be "Half way in Between" Hit OK, and this opens the Gauging editing screen



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ADCP - Sontek Data Entry

Check the gauging file for items to edit, i.e. bung data entry in the field such as incorrect depth measurements, offsets and Edge estimates.

Open the Facecard editor and enter in the Facecard information into the Details Tab. The Quality of the gauging is determined by the ISO Discharge Uncertainty % from the .WAD file. We won't know the Gauging Number until we file the Gauging against the Gauging Register. Leave this field blank for now.

$$\begin{split} ISO < 5 \ \% \ QC \ 600 \\ ISO > 5 < 8 \ \% \ QC \ 500 \\ ISO > 8 \ \% \ QC \ 400 \end{split}$$

Hit the Meter Tab and ensure that the correct "Current Meter Serial No." (this should automatically update) are entered and the "Calibration Date"

Site and Time Save Site Example Site Date and Time 3May-2016 Date and Time 3May-2016 Details Meter Site Stage Output Details Meter Site Stage 9999 mm Method Code 46 Quality 600 Concel	23
Side Channel Flow 0 I/s Flow to be saved instead of the calculation 0 Image: Gauging No 9999 Party Example Level Book Page No Comment X:\Gaugings\Project Sites\1160503_Ruapehu Low Flow Flow Flow Flow Flow Flow Flow Fl	Save Cancel Help

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ADCP - Sontek Data Entry

Hit the Site Tab and enter the site details. Being an old school current meter Facecard, there is no need to enter the Spin Test, Meter, Angle of Current, and Angle of Section details. The Flow Tracker does all this information for you in the field.

Hit the Stage Tab and enter the Stage information into the respective fields.

There is no need to Hit the Output Tab, as it doesn't do anything

SAVE

SAVE Again in the Hilltop Tool Bar Screen also (otherwise it wont save!)

Site and Time Site Example Date and Time	e Site 3-May-21	D16	13:29:00		Save Cancel Help	Site and Time Site Examp Date and Time	le Site 3-May-	2016	13:29:00			Sav Canc Help
Details Meter Sit	e Sta	age Outp	ut			Details Meter Si	te S	itage Outp	put			
Spin Test: Before	0	secs	After	0	secs		Time	Recorder	Well	River	Error	
Meter	0	mm above	e the bottom of a	0	kg weight	Arrival	1300	9999	9999	9999	9	
Location	50	m	Upstream of	• (Control	Start	1316					
Wind	12	km/h	Across	•		Finish	1341					
Angle of Current	0	degrees	Nil	-		Departure	1400	9999	9999	9999	9	
Angle of Section	0	degrees				Stage	Change	0	mm/hour			
Water Temp	11.98	deg C	Clear	•		Ente	r the tim	es as hhmm	Ent	er readings i	in mm	
Slope	0	mm/km	Sed. Conc.	1	mg/l							
🔲 Origin on Right	Bank	Offset	to the Left Pin)								

Grab a Paper Gauging card from the shelf and transpose all the information from the Hilltop file onto the paper copy. That's right, were still using paper and doubling up!

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ADCP – Sontek Data Entry Right Click on any site in Managers Object Tree > Info. This opens a basic web portal to the Gauging Register. In the web portal select HydraPro > Gauging Register

		horizo	ns	"If 99% is good enough, then gravity w	horizons.govt.r	בר יי.
Site 👓	HydraPro	Telmetr and Wa	y Reports rnings <i>™</i>	Catchment Data ∞	Statistics 👓	Information
•						
				Hilltop Site da	Load Date	a 0.5 0.25 0
Category	Datasource	Sensor	CalibrationDue	29. Aug	29. Aug	1.
Shaft Encoders	Water Level	WaterLog H-3342 14C103240				
Rain Gauges	SCADA Rainfall	Hydrological Services TB3- 0.5mm 04-864	13/01/2017	Flow (l/s) Data starts after requested finish time	500 400	8

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		Hydrology Operations Manual		
ADCP – S	ontek Data En	try		

This opens the HydraPro – Gauging Register v whatever

Enter all the information from the Paper copy (or the digital copy if your not a dinosaur) into the respective fields. Enter any respective comments into the Comments field. Hit SAVE and this should spit out a Gauging ID and Site Gauging Number.

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Site 🖤	HydraPro	and Wa	irnings 🖙	Catchment)ata ∞	Statistics ~			
					11				
	W.C.				HydraPro	- Gaugin	g Regist	er v2.0	
	VA	State of		Gauging ID :			Site Gaugin	g Number :	
	1.87			Site Name :				✓	
				Gauging By :			✓ Dis	charge Monitoring (Bauging? : [
	S. M. Star	- Chipela		Gauging Date :		~	Gaugir	ng Time :	(hhmms
the second				Stage :	0000	(mm)	Discha	urge : 0.000	(m ³ /s)
	A The	Not interest		Meter :		✓ Pro	p # :	Glog?: ✔ Se	ediment?:[
Category	Datasource	Sensor	CalibrationDue	Input By :			✓ Inpu	t Date :	1
Shaft	Water Level	WaterLog H-3342		Checked By :		Check	ed?: 🗌 Chec	ked Date :	
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Gauges	Rainfall	Services TB3- 0.5mm 04-864	13/01/2017	Sample Num :					
				Comments :					
					Save		Find	Clear	

	CONT AND AVE.		"If 99% is good	enough, then gravity	will not work for 14 minute	es every day."	
HydraPro∵	Telmetr and Wa	y Reports rnings ∽	Catchment	Data 🖙	Statistics 🖙	Informa v	ition
-	March 1	Sec.		HydraPro	- Gauging R	egister v2.	0
ALL H	1		Gauging ID :	417197	Si	te Gauging Number	2
1 martin	La mary a		Site Name :	Taonui at Mangare	wa Road - Water Level	~	33191
IT .	a state	100	Gauging By :	Andy Cawthom	~	Discharge Mo	onitoring Gauging? : 🗌
	ad a sta		Gauging Date	3/5/2016	~	Gauging Time :	124800 (hhmmss)
+Cest	A MARY C	6	Stage :	-999	(mm)	Discharge :	0.482 (m ³ /s)
12 BUN	No.		Meter :	Flow Tracker SN: F	P3485 Y Prop # :	null Glog? :	Sediment? :
Datasource	Sensor	CalibrationDue	Input By :	Andy Cawthom	~	Input Date :	5/5/2016 🗸
Voltage	Campbell CR10X		Checked By :		Checked?:	Checked Date	05/05/2016
Mana Laura	J 1025	· · · · · · · · · · · · · · · · · · ·	Archived By :		Archived?:	Archive Date :	
vvater Level	Handar 436 5102		Sample Num :				
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	HydraPro 🗢	HydraPro → Telmetr and Wa	HydraPro → Telmetry Reports and Warnings →	HydraPro Telmetry Reports and Warnings Catchment Gauging ID : Site Name : Gauging By : Gauging By : Gauging Date Stage : Datasource Sensor Voltage Campbell CR10X 31025	HydraPro Telmetry Reports and Warnings Catchment Data III III III HydraPro Gauging ID: 417197 Site Name : Toonul at Mangare Gauging By: Andy Cawthom Gauging Date: 3/5/2016 Stage : -999 Meter : Flow Tracker SN: Flow Voltage Campbell CR10X Store Campbell CR10X Store Archived By:	HydraPro Telmetry Reports and Warnings Catchment Data Statistics Image: Statistic of the statistic o	HydraPro Telmetry Reports and Warnings Catchment Data Statistics Information "" "" "" "" "" Image: Statistics "" "" "" "" "" Image: Statistics "" "" "" "" "" "" Image: Statistics "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" ""

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	Manual	regional council		

ADCP – Sontek Data Entry

Print out the Hilltop Gauging Hydrometric information from Manager

Add the printed Discharge Measurement Summary, and the printed Hydrometric Gauging and staple this info to the back of the Hydrometric Gauging Facecard

Done!