


Version No: 1.00 Issue Date: 02/03/2011 Portfolio: Water Quality	Horizons Regional Council	Unique ID
	Hydrology Recorder Log Sheet	Section No: 4.1 Appendix 1

Site: _____ Date: _____ Julian day: _____
 At: _____ Weather: _____ Logger time: _____
 Observer: _____ NZDT : _____ NZST: _____

Program Version: _____		Signature: _____	Battery Volts: _____
New Programme upload	Yes / No	File name: _____	To Laptop: _____
Data download	Yes / No	File name: _____	To Laptop: _____

Initial check / Start of gauging		Final check / Finish of gauging		Gauging results	
Time	_____NZST	Time	_____NZST	Flow (m ³ /s)	Q = _____
Ext SG	_____m ± _____mm	Ext SG	_____m ± _____mm	Velocity (m/s)	V = _____
Int. EPB	_____m	Int. EPB	_____m	Area (m ²)	A = _____
Logger	_____m	Logger	_____m		
Backup	_____m	Backup	_____m	Purge Yes / No:	_____NZST

Handheld meter used: _____		Calibrated before use (Circle):		
		No	Yes: at site	Yes: at the office
Handheld results		Logger results		Calibrated:
Water temperature:	_____ °C	Water temperature:	_____ °C	
Barometric pressure:	_____ mbars	Barometric pressure:	_____ mbars	Yes / No
Dissolved oxygen %:	_____ %	Dissolved oxygen %:	_____ %	
Dissolved oxygen ppm:	_____ mg / Litre	Dissolved oxygen ppm:	_____ mg / Litre	Yes / No
Specific conductivity:	_____ μS/cm	Specific conductivity:	_____ μS/cm	Yes / No
pH:	_____	pH:	_____	Yes / No
		Soil moisture:	_____ %	


Turbidity sampled: Yes / No	Sensors cleaned: Yes / No	Discoloured / Clear
Inline turbidity: _____ NTU	WTW high: _____ FNU	WTW low: _____ FNU
Greenspan high: _____ NTU	Greenspan low: _____ NTU	_____ Turbidity: _____

	Red Light <1000 LAB ISO Turbidity (FNU)	Red light >1000 LAB ISO Turbidity (NTU)	White Light <1000 Lab EPA Turbidity (NTU)	LAB Sediment (mg/L)	
				SS	SSC
River sample No:					
Pump sample No:					

Check gauge _____ Dipstick _____ Flask Emptied: Yes / No Tips between: _____ & _____	Primary: _____ ÷ 2 = _____ mm Clean: Yes / No Tips: _____	Backup: _____ mm S.M.: _____ % Clean: Yes / No Tips: _____	Zeroed Yes / No Cleaned Yes / No
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Fire weather logger: Wind speed: _____ m/s Relative Humidity: _____ % Air Temperature @ 1.5m: _____ °C

Handheld check: Wind speed: _____ m/s Relative Humidity: _____ % Air Temperature @ 1.5m: _____ °C

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Pump Rig: -Arrival	Comments:
Working correctly: Yes / No	
Cuvette Cleaned: Yes / No	
Pump Rig Purged: Yes / No	
Pump Rig: -Departure	
Working correctly: Yes / No	
Pump Pressure: _____	
Flow Rate: _____	