

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT AND
GAGE INSPECTION NOTES

Meas. No. _____
Comp. by _____
Checked by _____

Sta. No. F 7 Hornish @ 2050

Sta. Name _____

Date 21 Dec, 2010 Party SWC CBR *solstice!*

Width 22.1 Area 5.62 Vel. 1.25 G. H. _____ Disch. 7.03

Method 0.6 No. secs. 29 G. H. change _____ in _____ hrs.

Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____

Meter Type 2 track Meter No. _____ Meter _____ ft. above bottom of wt.

Rating used _____ Spin test before meas. _____ ; after _____

Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS					
Time			Time	Inside	Outside
		Stg	2055	5.74	1.06 (TD)
		WT	2102	6.8	6.9
	Start	SC	2102	91.6	155
		Stg	2125	5.91	1.06 (TD)
		prged @	2130	6.09	1.06
	Finish		PH: 7.54		
	Weighted MGH				
	GH correction				
	Correct MGH				

Samples collected: water quality, sediment, biological, other _____

Measurements documented on separate sheets: water quality, aux./base gage, other _____

Rain gage serviced/calibrated _____

Weather: _____

Air Temp. _____ °C at _____

Water Temp: _____ °C at _____

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 10 ft., mi. upstr., downstr. of gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: wide but laminar. shallow w/ small islands

Cross section : _____

Gage operating: _____ Record Removed _____

Battery voltage: _____ Intake/Orifice cleaned/purged: prged @ 2130 + stabilized IG

Bubble-gage pressure, psi: Tank 1700, Line 10; Bubble-rate 60 /min.

Extreme-GH indicators: max _____, min _____.

CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____

HWM inside/outside: _____

Control: _____

Remarks: * 6 @ 2055 1) 5.73 2) 7.35 3) 92.5 4) 9.28 5) 13.5
06 stage stayed same while IG changed sig.? stage jumping sporadic?

GH of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____