

9-275-F
(Apr. 93)

U.S. Department of the Interior
U.S. Geological Survey
Water Resources Division
DISCHARGE MEASUREMENT NOTES

Meas. No. 71

Comp. by SUD

Checked by Sawtek

Sta. No. FL6
Sta. Name Jon Guerard Stn
Date Dec 8, 2009 Party SUD
Width 8.160 Area 2.42 Vel. 1.296 G.H. _____ Disch. 3.134
Method .6 No. Sec. 29 G.H. Change _____ in _____ hrs. Susp. rod
Method coef. 1.0 Hor. angle coef. calc'd Susp. coef. 1.0 Meter No. P2151
Type of meter Flowtracker Date rated _____ Tag checked _____
Meter _____ ft. above bottom of wt. Spin before meas. ADV after _____
Meas. Plots _____ % diff from _____ rating. Levels obtained _____

GAGE READINGS				WATER QUALITY MEASUREMENTS	
Time	Inside		Outside	No. <input checked="" type="checkbox"/>	Yes..... Time.....
2300	2.127	-???	TD=1.81 ± 0.02		Samples Collected
2315			TD=2.96	No. <input checked="" type="checkbox"/>	Yes..... Time.....
2330				1.15	Method Used
P 2331	1.66		TD=1.81	EDI.....	EWI..... Other.....
2345	1.647		TD=1.82	1.02	SEDIMENT SAMPLES
			1.14	No. <input checked="" type="checkbox"/>	Yes..... Time.....
					Method Used
				EDI.....	EWI..... Other.....
Weighted MGH				BIOLOGICAL SAMPLES	
GH correction				Yes..... Time.....	
Correct MGH				No. <input checked="" type="checkbox"/> Type.....	

Check bar, chain found _____ changed to _____ at _____
Wading, cable, ice, boat, upstr., downstr., side bridge 15 feet, mile, above, below, gage.
Measurement rated excellent(2%), good(5%), fair(8%), poor(over 8%); based on following cond:
Flow fairly uniform
Cross section fairly even - gravel/sand
Control clear riffle - free of snow
Gage operating Yes Weather sunny/cir / 14 no wind
Intake/Orifice cleaned No Air _____ °C @ _____ Water 37.9 F @ 2315
Record removed No Extreme Indicator: Max _____ Min 3.27 °C
N2 Pressure Tank 1700 Feed 14 Bbl rate 60 per min. Batt volt _____
CSG checked _____ Stick reading _____
Observer _____
HWM _____ outside, in well _____
Remarks #6 @ 2309 @ 2.1169 @ 3.728 @ 7.0.142 @ 4.695 @ 13.861