

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 Santola

Sta. No. _____
Sta. Name F9 - Green
Date Dec 28, 2009 Party SUD
Width 2.20 Area 0.594 Vel. 0.414 G.H. _____ Disch. 0.246
Method .6 No. Sec. 8 G.H. Change _____ in _____ hrs. Susp. Prod
Method coef. 1.0 Hor. angle coef. calc'd Susp. coef. 1.0 Meter No. P2151
Type of meter ADV Date rated _____ Tag checked _____
Meter _____ ft. above bottom of wt. Spin before meas. ADV after _____
Meas. Plots _____ % diff from _____ rating. Levels obtained 26

GAGE READINGS					WATER QUALITY MEASUREMENTS	
Time	Inside		Temp Down	Outside	No.....	Yes...X..... Time <u>1550</u>
<u>1545</u>	<u>3.958</u>		<u>0.65</u>	<u>3.75</u>	Sample Collected	<u>SC = 17.4 μS</u> <u>WT = 0.40L</u> <u>pH = 7.0</u>
					No.....	Time.....
					Method Used	
					EDI..... EWI..... Other.....	
<u>1620</u>	<u>3.958</u>		<u>.85</u>		SEDIMENT SAMPLES	
					No.....	Yes..... Time.....
					Method Used	
					EDI..... EWI..... Other.....	
Weighted MGH					BIOLOGICAL SAMPLES	
GH correction					Yes..... Time.....	
Correct MGH					No..... Type.....	

Check bar, chain found _____ changed to _____ at _____
Wading cable, ice, boat, upstr., downstr., side bridge 150 feet, mile, above, below, gage.
Measurement rated excellent(2%), good(5%), fair(8%), poor(over 8%), based on following cond:
Flow fairly even - eddies on either edge of water
Cross section gravel/cobble - uniform
Control clear - hole in North side of tarp
Gage operating Yes Weather overcast/cold/windy
Intake/Orifice cleaned No Air 1.5 °C@ _____ Water 6.4 °C@ _____
Record removed No Extreme Indicator: Max _____ Min _____
N₂ Pressure Tank 500 Feed 12 Bbl rate 50 per min. Batt volt _____
CSG checked _____ Stick reading _____
Observer _____
HWM Date = 362 Time = 1546 Watch = 1548 outside, in well
Remarks +6 @ 1545 ① 3.958 ② 6.594 ③ 49.925 ④ 14.64 ⑤ 8.0!