

9-275-F  
(Apr. 93)

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

Meas. No. 53

Comp. by RAM

Checked by \_\_\_\_\_

Sta. No. \_\_\_\_\_

Sta. Name F10 Delta

Date 12/3/09 Party BAM

Width 3.302 Area 0.766 Vel. 0.119 G.H. \_\_\_\_\_ Disch. 0.091 cfs

Method 0.6 No. Sec. 8 G.H. Change \_\_\_\_\_ in \_\_\_\_\_ hrs. Susp. \_\_\_\_\_

Method coef. 1 Hor. angle coef. calc Susp. coef. 6.0 Meter No. P2151

Type of meter Sontek Date rated \_\_\_\_\_ Tag checked \_\_\_\_\_

Meter \_\_\_\_\_ ft. above bottom of wt. Spin before meas. \_\_\_\_\_ after \_\_\_\_\_

Meas. Plots \_\_\_\_\_ % diff from \_\_\_\_\_ rating. Levels obtained \_\_\_\_\_

GAGE READINGS					WATER QUALITY MEASUREMENTS	
Time	Inside			Outside	No..... Yes <input checked="" type="checkbox"/>	Time <u>15:04</u>
<u>1430</u>	<u>4.35</u>			<u>tap ↑ 0.06</u>	<u>4.304</u>	Samples Collected <u>pH 7.84</u>
<u>15:09</u>	<u>4.35</u>			<u>from orifice 0.06</u>	No..... Yes <input checked="" type="checkbox"/>	Time.....
				<u>4.244 + 0.06 = 4.304</u>	Method Used <u>Dip</u>	
					EDI..... EWI..... Other.....	
					SEDIMENT SAMPLES	
					No..... Yes.....	Time.....
					Method Used	
					EDI..... EWI..... Other.....	
					BIOLOGICAL SAMPLES	
					Yes.....	Time.....
					No.....	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 even

Cross section sand

Control some ice cover

Gage operating yes Weather sunny, clear medium wind 10-15

Intake/Orifice cleaned no Air 3 °C @ 1506 Water 3 °C @ 15:03

Record removed no Extreme Indicator: Max \_\_\_\_\_ Min \_\_\_\_\_

N<sub>2</sub> Pressure Tank 1100 Feed 14 Bbl rate \_\_\_\_\_ per min. Batt volt \_\_\_\_\_

CSG checked \_\_\_\_\_ Stick reading \_\_\_\_\_

Observer \_\_\_\_\_

HWM depth = 0.23 \_\_\_\_\_ outside, in well \_\_\_\_\_

Remarks #6 (1) 4.36, (2) 7.64 (3) 107.19 (4) 51.77 (5) 12.73

SC = 68.6 LT = 9.6 °C 12/09/09 @ 21:00