

9-275-F
(Rev. 10-81)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No.

Comp. by.

WATER RESOURCES DIVISION

Sta. No. F5 DISCHARGE MEASUREMENT NOTES Checked by

Aiken Stream
Date 3 JAN 09 Party CW PW AB
Width 31.5 Area 11.354 Vel. 0.379 G. H. Disch. 4.306 cfs
Method 0.6 No. secs. G. H. change. in hrs. Susp. red
Method coef. 1 Hor. angle coef. 1 Susp. coef. calc'd Meter No.
Type of meter Flow Tracker Date rated Nov 2008 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	ADR	Graphic	Outside	No. ☒	Yes. Time
<u>1910</u>	<u>1.8123</u>			<u>0.77</u>	<u>± 0.01</u>	<u>Samples Collected</u>
<u>2000</u>	<u>1.778</u>			<u>0.78</u>	<u>± 0.02</u>	<u>No. ☒</u> Yes. Time
						<u>Method Used</u>
						EDI EWI Other.
						<u>SEDIMENT SAMPLES</u>
					No. ☒	Yes. Time
						<u>Method Used</u>
						EDI EWI Other.
						<u>BIOLOGICAL SAMPLES</u>
					Yes.	Time
					No. ☒	Type

Check bar, chain found changed to at
Wading, cable, ice, boat, upstr., downstr., side bridge. feet, mile, above, below gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:
Flow even flow, particles in water
Cross section
Control Free & clear ⇒ Sand bages down in overflow
Gage operating Yes Weather cloudy, sun near Canada
Intake/Orifice cleaned N.O. Air °C@ Water 6.7 °C@ 19.22
Record removed NO Extreme Indicator: Max. Min.
Manometer N₂ Pressure Tank 1000 Feed 41 Bbl rate 60 per min.
CSG checked Stick reading
Observer
HWM outside, in well
Remarks @ t = 1910 stage = 1.8123 WT = 6.89 °C
SC = 121.78 ms BV = 13.648
SC in stream = 119 ms @ 6.7 °C @ t = 1922
G.H. of zero flow ft. Sheet No. of sheets