

DISCHARGE MEASUREMENT NOTES

Sta. No. FS-Aiken

Meas. No. _____

Comp. by _____

Checked by _____

Date 1-8-08, 19____ Party NRM, AMS

Width _____ Area _____ Vel. _____ G. H. _____ Disch. .0511 cfs

Method _____ No. secs. _____ G. H. change _____ in _____ hrs. Susp. _____

Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____

Type of meter _____ 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>1600</u>
<u>1603</u>	<u>1.199</u>		<u>.10</u>	<u>SC 168.8</u>	Samples Collected	<u>pH 9.38</u>
				No	Yes <input checked="" type="checkbox"/>	Time _____
				Method Used _____		
<u>portable flume .110 @ 1615</u>				EDI _____	EWI _____	Other <input checked="" type="checkbox"/>
				SEDIMENT SAMPLES		
<u>1619</u>	<u>1.174</u>		<u>.10</u>	No	Yes _____	Time _____
				Method Used _____		
				EDI _____	EWI _____	Other _____
				BIOLOGICAL SAMPLES		
Weighted M.G.H.				Yes _____	Time _____	
G.H. correction				No _____	Type _____	
Correct M.G.H.						

Check bar. chain found _____ changed to _____ at _____

Wading, cable, ice, boat, upstr., downstr., side bridge 125 feet, mile, above, below gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:

Flow _____

Cross section _____

Control clear

Gage operating yes Weather cloudy, 14 breeze

Intake/Orifice cleaned yes 1620 Air _____ °C @ _____ Water 5.8 °C @ 1600

Record removed _____ Extreme Indicator: Max. _____ Min. _____

Nitrogen Pressure Tank 1100 Feed 10 Bbl rate 20 per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks *6 @ 1603 WT 6.03

SC 180

BV 190

G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets