

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT NOTES

Sta. No. Aiken Creek

Meas. No. _____

Comp. by _____

Checked by _____

Date 1/19/07, 19 _____ Party ESG

Width _____ Area _____ Vel. _____ G. H. _____ Disch DNM

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	Time
<u>2025</u>	<u>1.365</u>	<u>0.32</u>	<u>SL=167.4</u>	<u>Yes</u>	<u>2030</u>
			<u>PH=8.37</u>	<u>Samples Collected</u>	<u>WT=4.1</u>
			No	<u>Yes</u>	<u>Time 2030</u>
				<u>Method Used</u>	
			EDI	EWI	Other

SEDIMENT SAMPLES

No _____ Yes _____ Time _____
Method Used _____
EDI _____ EWI _____ Other _____

BIOLOGICAL SAMPLES

Yes _____ Time _____
No _____ Type _____

Weighted M.G.H. _____
G.H. correction _____
Correct M.G.H. _____

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 all flow thru flume

Cross section _____

Control in good shape

Gage operating yes Weather overcast, slight up-Vald

Intake/Orifice cleaned no Air _____ °C@ _____ Water _____ °C@ _____

Record removed no Extreme Indicator: Max. _____ Min. _____

Nitrogen Pressure Tank 1750 Feed 9 Bbl rate _____ per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks *10 @ 2035 1) 1.359 2) 4.04 AT 3) 176.9 SL
4) 13.6 BV

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