

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

Aiken Creek

Date Jan 13, 19 94 Party AB+HH
 Width 2.30 Area 1.125 Vel. 0.957 G. H. 1.58 Disch. 1.08
 Method .6 No. secs. 9 G. H. change. 0 in 1/3 hrs. Susp.
 Method coef. Hor. angle coef. 1.0 Susp. coef. Meter No.
 Type of meter Pigmy Date rated Tag checked
 Meter ft. above bottom of wt. Spin before meas. ✓ after ✓
 Meas. plots. % diff. from. rating. Levels obtained. No

GAGE READINGS

WATER QUALITY MEASUREMENTS

Time	Inside	ADR	Graphic	Outside
<u>13:45</u>	<u>1.59</u>			<u>1.58</u>
<u>14:04</u>	<u>1.58</u>			<u>1.58</u>

No Yes. X Time
Samples Collected
 No Yes. X Time
Method Used
 EDI EWI Other.

SEDIMENT SAMPLES

No X Yes. Time
Method Used
 EDI EWI Other.

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

BIOLOGICAL SAMPLES

Yes. Time
 No X 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. Steady, laminar

Cross section gravel

Control flume + rock weir no leaks

Gage operating ✓ Weather partially cloudy, light steady wind

Intake/Orifice cleaned ✓ Air °C@ Water 12.8 °C@

Record removed Extreme Indicator: Max. Min. ✓

Manometer N₂ Pressure Tank 1700 Feed Bbl rate per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks 0.32 depth on weir

