

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

AIKEN CREEK - SITE F5

Date 1/3, 19 94 Party H.H./GD
 Width 2.40 Area 1.174 Vel. 1.060 G.H. 1.58 Disch. 1.24
 Method 6 No. secs. 10 G.H. change 0 in 114 hrs. Susp.
 Method coef. Hor. angle coef. 1.0 Susp. coef. Meter No.
 Type of meter Pygmy 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>1833</u>	<u>1.58</u>			<u>1.58</u>
<u>1847</u>	<u>1.58</u>			<u>1.58</u>

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

SEDIMENT SAMPLES

No Yes. Time
Method Used
 EDI EWI Other.

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

BIOLOGICAL SAMPLES

Yes. Time
 No Type

Check bar. chain found changed to at

Wading, cable, ice, boat, upstr., downstr., side bridge. 20 feet, mile, above below gage.

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

Flow. uneven-steady

Cross section sand + gravel, uneven

Control Flume and weir - 0.15' deep in weir

Gage operating yes Weather cloudy Mod. upriver wind

Intake/Orifice cleaned NO Air °C@ Water °C@

Record removed yes Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank 1700 Feed Bbl rate per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks Depth on weir is 0.15'

