

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

Sta. No. Commonwealth St C1

Meas. No. _____

Comp. by _____

Checked by _____

Date 1/17, 19 97 Party DK NB Dm

Width 9.0 Area 2.35 Vel. 1.196 G. H. 8.87 Disch 2.81

Method 0.6 No. secs. 19 G. H. change 0.2 in 0.3 hrs. Susp. _____

Method coef. .6 Hor. angle coef. _____ 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 _____

GAGE READINGS

WATER QUALITY MEASUREMENTS

Time	Inside	Outside
<u>@ 1512</u>	<u>8.90</u>	<u>FIELD</u>
<u>@ 1538</u>	<u>9.10</u>	<u>11.05-2.00 9.05</u>

No _____	Yes _____	Time _____
Samples Collected		
No _____	Yes _____	Time _____
Method Used		
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 steady, increasing

Cross section uniform, sandy, shallow

Control clear

Gage operating _____ Weather _____

Intake/Orifice cleaned _____ Air _____ °C@ _____ Water _____ °C@ _____

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

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

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks Water increasing. Hurried measurement

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WATER RESOURCES DIVISION

Date 1/17, 19 97

MISCELLANEOUS FIELD NOTES

Commonwealth Stream @ CI

orifice like buried, control good

@ 1455

	<u>CR10</u>	<u>field</u>
stage	8.94	$11.05 - 2.2 = 8.85$
WT		6.3
SC		22.4
PH		7.7

chemistry taken

2.2' tape down from re-bar

~~8" RPB =~~ discharge
~~cup =~~ measurement
~~2d =~~