

WATER RESOURCES DIVISION

Comp. by.

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by CHV

Commonwealth Stream

Date 12/28/00, 19... Party ESG, PAC, LFS

Width ... Area ... Vel. ... G. H. ... Disch. ...

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

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

Type of meter cutthroat 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	ADR	<u>Graphic</u>	Outside
1430	1.256			2.63*
1435	1.269		.17	8.37 CHW
1440	1.275		.175	2.62*
			.120 cfs	8.38 CHW

No	<input checked="" type="checkbox"/> Yes	Time 1440
WT=7.80	SC=39.4 blink	
PH=7.93	Samples Collected	c=26.4 mb
No	<input checked="" type="checkbox"/> Yes	Time 1440
Method Used		
EDI	EWI	Other

SEDIMENT SAMPLES

No	Yes	Time
Method Used		
EDI	EWI	Other

BIOLOGICAL SAMPLES

Weighted M.G.H.		
G. H. correction		
Correct M.G.H.		
<input checked="" type="checkbox"/> Yes	LFS	Time
No		Type

Check bar chain found ... changed to ... at ...

Wading, cable, ice, boat upstr., downstr., side bridge 25 feet, mile, above, below gage.

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

Flow ...

Cross section sand

Control clear

Gage operating yes Weather PC; valley wind

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

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

Manometer N₂ Pressure Tank 1800 Feed 10 Bbl rate ... per min.

CSG checked ... Stick reading ...

Observer ...

HWM ... outside, in well

Remarks *tape down

...

...

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

River at—

Angle coef- ficient	Dist. from initial point	Width	Depth	Observa- tion depth	Rev- olu- tions	Time in sec- onds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge
							At point	Mean in ver- tical			
											.80
											.85
							cutthroat flume reading @ 1435 = .17				.90
											.92
											.94
											.96
											.97
											.98
											.99
											1.00
											.99
											.98
											.97
											.96
											.94
											.92
											.90
											.85
											.80
											.75

*6 @ 1435

- 1) 1.269 Stage
- 2) 7.896 WT
- 3) 10.87 SC
- 4) 2.86 AT
- 5) 13.5 BV

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