

WATER RESOURCES DIVISION

Sta. No. **DISCHARGE MEASUREMENT NOTES** Checked by CHW

Crescent Stream

Date 1/12/07, 1907 Party ESG

Width 4.4 Area 1.23 Vel. 1.84 G. H. Disch. 2.67

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

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

Type of meter pygmy Date rated Tag checked

Meter ft. above bottom of wt. Spin before meas. OK after OK

Meas. plots. % diff. from. rating. Levels obtained.

GAGE READINGS

WATER QUALITY MEASUREMENTS

Time	Inside	ADR	Graphic	Outside
1905	3.183		3.074	1.19*
1920	3.223		3.144	1.12*
1940	3.353		3.204	1.06*
			4.264	

No Yes Time 1910
 SC=141.845
 WT=4.3
 Samples Collected PH=7.11
 No Yes Time 1905
 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. 50 feet, mile, above, below gage.

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

Flow uniform

Cross section cobbles & gravel

Control clear, functional

Gage operating yes Weather PC, upvalley wind

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

Record removed Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank 1500 Feed 10 Bbl rate per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks *tape down

*6 @ 1945 1) 3.323 * 2) 4.022 WT 3) 157.6 SC

4) 14.1 First obs. flow of season

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			
	11.0	#0	REN	@	1925						
	10.6	.4	.26		30	44	1.686			.104	.071
	10.2	.4	.33		60	49	1.34			.132	.177
	9.8	.4	.35		100	44	2.21			.14	.309
	9.4	.4	.38		100	45	2.17			.152	.330
	9.0	.4	.30		80	46	1.70			.12	.204
	8.6	.4	.28		100	48	2.03			.112	.227
	8.2	.4	.28		100	42	2.32			.112	.260
	7.8	.4	.30		100	44	2.21			.12	.265
	7.4	.4	.30		80	42	1.86			.12	.223
	7.0	.4	.30		80	47	1.67			.12	.200
	6.6	LEN		@	1940						
	4.4						1.84			1.23	2.67
0											1.00
											.99
											.98
											.97
											.96
											.94
											.92
											.90
											.85
											.80