

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

10:9 F8, Crescent Stream
Date Jan. 9, 192009 Party C.H. Wilson, P.R. Wright
Width 10.2 Area 2.742 Vel. 2.179 G.H. Disch. 5.95
Method No. secs. G.H. change. in hrs. Susp. Red
Method coef. 1 Hor. angle coef. 1 Susp. coef. 1 Meter No. 05076
Type of meter Pygmy Date rated 4/29/2008 Tag checked Na
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	Graphic	Outside	No	Yes. ☒ Time <u>1732</u>
<u>1715</u>	<u>2.96</u>			<u>1.38 ± .01</u>	Samples Collected	
<u>1722</u>	<u>3.28</u>			<u>1.05 ± .01</u>	No	Yes. ☒ Time <u>1730</u>
<u>1730</u>	<u>3.30</u>			<u>0.97 ± .02</u>	Method Used	
<u>1752</u>	<u>3.33</u>				EDI	EWI Other
<u>1827</u>					SEDIMENT SAMPLES	
					No	Yes. Time
					Method Used	
					EDI	EWI Other
Weighted M.G.H.					BIOLOGICAL SAMPLES	
G. H. correction					Yes	Time
Correct M.G.H.					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. Shallow, un. FormCross section GravelControl Clear, In good shapeGage operating Yes Weather P. Cloudy, Windy, WarmIntake/Orifice cleaned Yes Air °C@ Water 12 °C@ 1730Record removed No Extreme Indicator: Max. Min.Manometer N₂ Pressure Tank 1380 Feed 14 Bbl rate per min.

CSG checked Stick reading

Observer Cutthroat : 0.26 @ 1726

HWM outside, in well

Remarks Time & date data look goodWater Temp: 11.24, SC: 79.0, Batt: 13.5, Air Temp: 8.4After cutthroat measurement, stage increased quickly by 0.3 ft

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

so we also did a pygmy measurement

.0 .10 .20 .30 .40 .50 .60 .70 .75

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				
	4.0	.7	0	RELW	9	1755						.80
	5.4	.9	.18		20	47		.455		.162	0.074	.85
	5.8	.4	.29		50	40		1.272		.116	0.148	
	6.2	.4	.37		100	46		2.170		.148	.321	
	6.6	.4	.42		150	51		2.913		.168	.489	.90
	7.0	.4	.45		150	45		3.293		.180	.593	.92
	7.4	.4	.47		100	45		2.216		.188	.417	.94
	7.8	.4	.40		150	52		2.858		.16	.457	
	8.2	.4	.45		150	50		2.970		.180	.535	.96
	8.6	.4	.38		100	40		2.485		.152	.378	.97
	9.0	.4	.38		80	40		2.001		.152	.304	.98
	9.4	.4	.50		150	57		2.613		.200	.523	.99
	9.8	.4	.39		100	44		2.265		.156	.353	.958
	10.2	.4	.30		60	46		1.326		.120	.159	
○	10.6	.4	.30		80	44		1.825		.120	.219	1.00
	11.0	.4	.35		80	40		2.001		.14	.295	
	11.4	.4	.25		150	56		2.658		.10	.266	.99
	11.8	.4	.30		80	40		2.001		.12	.240	.98
	12.2	.4	.20		40	42		.977		.08	.078	.97
	12.6	1.0	.10		50	40		1.272		.10	.127	.96
	14.2	.8	0	LEW	9	1824						.94
	10.2							2.179		2.742	5.976	.92
												.90
												.85
												.80

.0 .10 .20 .30 .40 .50 .60 .70 .75