

WATER RESOURCES DIVISION

Sta. No. Flo Delta DISCHARGE MEASUREMENT NOTES Checked by

Date 1/26/2009, 19... Party CHW PAW
Width 9.0 Area 1.247 Vel. 80.7 G. H. Disch. 1.006
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. after
Meas. plots. % diff. from. rating. Levels obtained.

GAGE READINGS					WATER QUALITY MEASUREMENTS	
Time	Inside	ADR	Graphic	Outside	No. Yes. ☒	Time <u>11:30</u>
<u>11:30</u>	<u>4.420</u>		<u>TO</u>	<u>1.10 ± .01</u>	Samples Collected	
					No. Yes. ☒	Time <u>11:30</u>
					Method Used	
<u>10:15</u>	<u>4.39</u>		<u>TO</u>	<u>1.15 ± .01</u>	EDI	EWI Other.
					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. feet, mile, above, below gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:
Flow. clear, low flow
Cross section gravel
Control free & clear, natural
Gage operating yes Weather Mostly Sunny pH = 8.31
Intake/Orifice cleaned No Air °C@ Water 4.4 °C@
Record removed yes Extreme Indicator: Max. Min. SC=259
Manometer N₂ Pressure Tank 11.00 Feed 14 Bbl rate 60 per min.
CSG checked Stick reading
Observer

HWM outside, in well
Remarks At 01130 1) 4.420 scg 2) 4.12 wt 3) 192 sc 4) 2.47 AT 5) 0.19 sc

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

.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				
	REW @	1144										.80
	5.5	.25										.85
	6.0	.50	.12		3	42		.103		.054	.006	
.97	6.5	.50	.15		20	45		.474	.460	.075	.035	.90
.97	7.0	.50	.14		25	42		.623	.604	.076	.042	.92
	7.5	.50	.12		40	45		.914		.060	.055	.94
	8.0	.50	.10		20	46		.464		.050	.023	.96
	8.5	.50	.10		30	47		.666		.050	.033	.97
	9.0	.50	.12		10	47		.245		.060	.015	.98
	9.5	.50	.15		50	47		1.087		.075	.082	.99
	10.0	.40	.25		50	40		1.272		.100	.127	1.00
	10.3	.45	.10		40	48		.859		.045	.039	
	10.9	.45	.24		50	46		1.110		.108	.120	
	11.2	.30	.20		50	44		1.159		.060	.070	
0	11.5	.30	.16		60	45		1.354		.048	.065	
	11.8	.30	.18		50	50		1.024		.054	.055	
	12.1	.30	.20		40	42		.977		.060	.059	
	12.4	.30	.12		50	49		1.044		.036	.038	.99
	12.7	.30	.18		40	46		.895		.054	.048	.98
	13.0	.30	.20		40	42		.955		.060	.057	.97
	13.3	.45	.15		15	43		.379		.068	.026	.96
	13.9	.60	.10		7	47		.181		.060	.011	.94
	14.5	.30										.92
	Lew @ 1212											.90
	9.0							.807		1.247	1.006	
												.85
												.80

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