

9-275-G
(Rev. 10-81)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No.

WATER RESOURCES DIVISION

Comp. by.

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

Handy stream @ B2
Date *12/31*, 19 *95* Party *HH*

Width *7.40* Area *2.33* Vel. *1.80* G. H. *2.05* Disch. *4.23*

Method No. secs. *16* G. H. change. in hrs. Susp.

Method coef. *1.6* Hor. angle coef. *1.0* 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
<i>1601</i>	<i>1.73</i>			<i>2.04</i>
<i>1618</i>	<i>1.74</i>			<i>2.06</i>
<i>1610</i>				
Weighted M.G.H.				
G. H. correction				
Correct M.G.H.				

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

Check bar. chain found changed to at

Wading, cable, ice, boat, upstr., downstr., side bridge. *100* feet, mile, above, below gage.

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

Flow. *Steady, even*

Cross section *sand, even*

Control *flume, RS weir, LS weir*

Gage operating ☒ Weather

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

Record removed Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank Feed Bbl rate per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks *Depth on RS-weir = 0.40'*

LS weir = 0.01'

add Qest = 0.03 CFS unmeasured flow

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				
New 1604	0.9		.15	.6	0	40						.80
	1.1		.15		16	20.6						.85
	1.4		.2		29	20.9						
	1.8		.35		43	21.2						
	2.2		.35		40	21.5						.90
	2.6		.35		30	21.6						.92
	3.0		.4		25	20.8						
	3.4		.5		34	21.2						.94
	3.8		.55		45	21.7						.96
	4.2		.55		44	20.6						.97
	4.6		.55		49	20.9						.98
	5.0		.5		50	20.7						.99
	5.4		.5		40	20.0						
	5.8		.3		32	21.4						
○	6.2		.2		30	21.5						1.00
New 1615	8.3		0.0		0	40						
	1											.99
												.98
												.97
												.96
												.94
												.92
												.90
												.85
												.80