

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Meas. No. ....

WATER RESOURCES DIVISION

Comp. by. ....

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

*Handy stream @ BZ*

Date *11/7*, 19 *95* Party *HH-JT*  
 Width *7.5* Area *2.83* Vel. *1.84* G.H. *2.13* Disch. *5.22 + 0.20 =*  
 Method *1.6* No. secs. *24* G.H. change. .... in .... hrs. Susp. *5.47*  
 Method coef. .... Hor. angle coef. .... Susp. coef. .... Meter No. ....  
 Type of meter *P49mg* Date rated .... Tag checked ....  
 Meter .... ft. above bottom of wt. Spin before meas.  after   
 Meas. plots. .... % diff. from. .... rating. Levels obtained. *no*

GAGE READINGS

WATER QUALITY MEASUREMENTS

Time	Inside	ADR	Graphic	Outside
<i>1717</i>	<i>36</i>			<i>2.12</i>
<i>1734</i>	<i>-</i>			<i>2.14</i>

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 .....

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. *20* feet, mile, above, below gage.

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

Flow. ....

Cross section *same* .....

Control .....

Gage operating ..... Weather .....

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

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

Manometer N<sub>2</sub> Pressure Tank ..... Feed ..... Bbl rate ..... per min.

CSG checked ..... Stick reading .....

Observer .....

HWM ..... outside, in well .....

Remarks *right weir = 0.50* .....

*outside gage = 2.14 @ 1734* .....

*left weir = 0.20* ..... *add 0.20 CFS for* .....

G.H. of zero flow ..... ft. Sheet No. .... of *LS Flow* sheets

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			
1718	1.0		0.		0	0					
	1.3		0.20		56	40					.85
	1.6		0.45		70	40					
	1.9		0.50		57	40.8					.90
	2.2		0.50		29	20.2					
	2.5		0.50		34	20.5					.92
	2.8		0.50		86	40.5					.94
	3.1		0.50		50	20.5					.96
	3.4		0.50		34	20.6					.97
	3.7		0.50		33	20.4					.98
	4.0		0.55		44	20					.99
	4.3		0.45		53	21					
	4.6		0.40		53	20.5	R				
	4.9		0.40		70	24					
0	5.2		0.40		55	21.2					1.00
	5.5		0.40		50	20					
	5.8		0.40		40	21.6					
	6.1		0.40		45	24.2					.99
	6.4		0.35		40	22.6					.98
	6.7		0.30		40	22					.97
	7.0		0.30		40	24					.96
	7.3		0.33		26	25.8					.94
Rev 1723	7.6		0.30		10	21					.92
	8.3		0.1		0	0					.90