

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Lwr to in

Meas. No. ....  
Comp. by. ....

WATER RESOURCES DIVISION

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

*Onyx River @ Lower Right*  
Date *12/16*, 19 *96* Party *HH, PK, MB*  
Width *19.50* Area *14.375* Vel. *0.673* G.H. *0.414* Disch. *9.68*  
Method *-b* No. secs. *26* G.H. change. *0* in *0.6* hrs. Susp. ....  
Method coef. *0.6* 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
<i>20:46</i>	<i>1.72</i>		<i>0.70</i>	<i>0.414</i>			
					Samples Collected		
					No	Yes	Time
					Method Used		
<i>21:23</i>	<i>1.73</i>		<i>0.70</i>	<i>0.414</i>	EDI	EWI	Other
					SEDIMENT SAMPLES		
					No	Yes	Time
					Method Used		
					EDI	EWI	Other
					BIOLOGICAL SAMPLES		
Weighted M.G.H.					Yes		Time
G. H. correction					No		Type
Correct M.G.H.							

Check bar. chain found ..... changed to ..... at .....

Wading cable, ice, boat, upstr., downstr., side bridge. *30* feet, mile, above, below gage.

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

Flow. *steady, no eddies, uniform*

Cross section *sand and gravel, even*

Control *clear, all inside notch*

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 .....



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			
1.0	0.5		0	.6	0	40					
	1.0		0.2		10	40.3					.85
	2.0		0.3		35	40.8					
	2.5		0.5		44	40.6					
	3.0		0.75		47	40.4					.90
	3.5		0.8		54	40.4					.92
	4		0.9		50	40.5					
	4.5		0.95		43	40.7					.94
	5		1.1		48	40.6					.96
	5.5		1.1		44	47.0					.97
	6		1.05		58	40.4					.98
	6.5		1.05		53	40.4					.99
	7		1.02		50	40.4					
	7.5		1.02		42	40.5					
⊙	8.0		1.20		36	40.5					1.00
	8.5		1.1		36	40.6					
	9.0		1.2		31	40.3					
	9.5		1.1		26	40.5					.99
	10		1.2		18	40.4					.98
	11		1.2		15	40.5					.97
	12		1.2		10	40.4					.96
	13		0.8		6	40.4					.94
	14		0.6		4	40.5					.92
	15		0.6		2	40.5					.90
	16		0.5		0	40					
	20		0		0	40					.85

REW  
21:21