

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No.

Comp. by PRW

WATER RESOURCES DIVISION

772641162391501

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

Onyx River Lower Wright JD = 5

Date 5 Dec 09 Party PW, CW, AB

Width 44 Area 74.626 Vel. 2.990 G. H. Disch. 223.168

Method 2 1/8 No. secs. 26 G. H. change. in hrs. Susp.

Method coef. 1 Hor. angle coef. 1 Susp. coef. 1 Meter No. P2-157

Type of meter Flow Tracker Date rated Tag checked

Meter ft. above bottom of wt. Spin before meas. NA after

Meas. plots. % diff. from. rating. Levels obtained.

GAGE READINGS <u>Subson</u>					WATER QUALITY MEASUREMENTS	
Time	Inside	ADR	Graphic	Outside	No. Yes. <u>X</u>	Time <u>125.4</u>
<u>1236</u>	<u>3.1566</u>		<u>2.16</u>	<u>0.75</u>	<u>0.01</u>	<u>Samples Collected</u>
<u>1345</u>	<u>3.1797</u>		<u>2.15</u>	<u>0.74</u>	<u>0.01</u>	<u>No. Yes. <u>X</u> Time <u>125.8</u></u>
					<u>Method Used</u>	
					EDI	EWI Other. <u>DIP</u> .
					<u>SEDIMENT SAMPLES</u>	
					No. <u>X</u> . Yes.	Time
					<u>Method Used</u>	
					EDI	EWI Other.
					<u>BIOLOGICAL SAMPLES</u>	
Weighted M.G.H.					Yes.	Time
G. H. correction					No. <u>X</u> .	Type
Correct M.G.H.						

Check bar, chain found changed to at

Wading, cable, ice, boat, upstr., downstr., side bridge. 250 feet, mile, above, below gage.

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

Flow. fast, moderately deep, uniform, moderately turbulent

Cross section Cobble & Gravel, relatively uniform

Control Control weir completely submerged

Gage operating Yes Weather P. Cloudy, H. Wind, cool

Intake/Orifice cleaned NA Air °C@ Water 2.5 °C@ 125.4

Record removed NA Extreme Indicator: Max. Min. 35.6

Manometer N₂ Pressure Tank 1200 Feed 1.4 Bbl rate 60 per min.

CSG checked NA Stick reading NA

Observer None

HWM None outside, in well

Remarks @ t = 1236 stage = 3.1566 wt = 2.429

SC = 26.837 AT = 6.0206°C BU = 13.675 m/s

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