

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Meas. No. ....

Comp. by. ....

WATER RESOURCES DIVISION

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

*Omyx River @ LWET* *MG, AB*

Date *4/20*, 19 *99* Party .....

Width *27.0 ft.* Area *16.97* Vel. *0.52* ft/s G. H. .... Disch. *8.837 cfs*

Method *Wading* No. secs. *15* G. H. change. .... in .... hrs. Susp. ....

Method coef. *1.0* Hor. angle coef. *1.0* Susp. coef. *1.0* Meter No. ....

Type of meter *Pymy* 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>1330</i>	<i>1.75</i>			<del><i>0.412</i></del>		<input checked="" type="checkbox"/>	<i>1105</i>
<i>1333</i>				<i>0.412</i>	No	<input checked="" type="checkbox"/>	<i>1105</i>
<i>1345</i>	<i>1.75</i>				<u>Samples Collected</u>		
<i>1350</i>				<i>0.412</i>	<u>Method Used</u>		
					EDI	EWI	Other
					<u>SEDIMENT SAMPLES</u>		
					No	<input checked="" type="checkbox"/>	Yes
					<u>Method Used</u>		
					EDI	EWI	Other
					<u>BIOLOGICAL SAMPLES</u>		
Weighted M.G.H.					Yes		Time
G. H. correction					No	<input checked="" type="checkbox"/>	Type
Correct M.G.H.							

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. ....

Cross section .....

Control .....

Gage operating .....

Intake/Orifice cleaned .....

Record removed .....

Manometer N<sub>2</sub> Pressure Tank .....

CSG checked .....

Observer .....

HWM .....

Remarks *see note sheet*



River at—

Angle coefficient	Dist. from initial point	Width	Depth	Observation depth	Revolutions	Time in seconds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge
							At point	Mean in vertical			
	5.9	1.05			REWE		1354			0	0
	8.0	2.05	0.32	.6	7	49		0.170		0.656	0.112
	10.0	2.0	0.50	.6	10	40		0.272		1.00	0.272
	12.0	2.0	0.65	.6	15	52		0.310		1.30	0.403
	14.0	2.0	0.71	.6	15	46		0.347		1.42	0.493
	16.0	2.0	0.64	.6	20	47		0.444		1.28	0.568
	18.0	2.0	0.65	.6	25	46		0.559		1.30	0.727
	20.0	2.0	0.79	.6	25	42		0.610		1.58	0.964
	22.0	2.0	0.92	.6	30	44		0.694		1.64	1.138
	24.0	2.0	0.95	.6	30	44		0.694		1.70	1.180
	26.0	2.0	0.95	.6	25	46		0.559		1.70	0.950
	28.0	2.0	0.94	.6	25	40		0.639		1.88	1.201
	30.0	2.0	0.59	.6	25	42		0.610		1.18	0.720
	32.0	1.45	0.23	.6	15	49		0.327		0.334	0.109
0	32.9				LEWE		1348			Q = 8.837	1.00
									A = 16.97		

rushed for time on this one ...