

State of Idaho
Department of Water Resources
Water District _____

Meas. No.
 Comp. by.

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

Date July 9, 19 77 Party R. K. ...
 Width Area Vel. G. H. Disch.
 Method No. secs. G. H. change. in hrs. Susp.
 Method coef. Hor. angle coef. Susp. coef. Meter No.
 Type of meter 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	HM	Chart	Outside	No	Yes
<u>2:40</u>				<u>244</u>	No	Yes
					Time	
					Samples Collected	
					No	Yes
					Time	
					Method Used	
					EDI	EWI
					Other	
					SEDIMENT SAMPLES	
					No	Yes
					Time	
					Method Used	
					EDI	EWI
					Other	
Weighted M.G.H.					<u>BIOLOGICAL SAMPLES</u>	
G. H. correction					Yes	Time
Correct M.G.H.					No	Type

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 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
 GPS LAT\LONG
 G.H. of zero flow ft. Sheet No. of sheets

.0 .10 .20 .30 .40 .50 .60 .70 .75

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				
2800	435											.80
	93	1.0	1.2				1.4			1.2	1.2	.85
	112	1.0	1.4				1.5			1.4	1.74	
	141	1.0	1.2				1.5			1.2	2.34	
	170	1.0	1.5				1.5			1.5	2.55	.90
	200	1.5	1.4				1.6			2.1	3.45	.92
	230	2.0	1.0				1.8			2.8	3.46	.94
	260	2.0	1.0				1.8			2.8	3.24	
	290	2.0	1.8				1.9			3.6	3.00	.96
	320	2.0	1.6				1.9			3.2	3.18	.97
	350	2.0	1.7				2.0			3.4	3.4	.98
	380	2.0	1.6				2.1			3.2	3.10	.99
	410	2.0	1.5				2.2			3.6	3.9	
	23	2.0					2.3			3.0	6.36	
0	21	2.0					2.4			2.4	5.82	1.00
	14	2.0					2.5			2.0	3.2	
	17	2.0	1.7				2.6			1.4	2.10	
	20	2.0	1.5				2.7			1.2	1.25	.99
	23	2.0	1.5				2.8			3.0	2.82	.98
	26	2.0	1.5				2.9			1.2	1.01	.97
	29	2.0	1.0				3.0			3.0	2.0	.96
	32	2.0	1.0				3.1			3.0	1.68	
	35	2.0	1.0				3.2			3.6	4.25	.94
7300	3	1.0	1.0				3.3			1.8	1.4	.92
											82.34	.90
												.85
												.80

.0 .10 .20 .30 .40 .50 .60 .70 .75

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Date July 19 1977 Party

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

Type of meter 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	HM	Chart	Outside	
<u>1:00</u>				<u>2</u>	<u>3.1</u>	No Yes. Time
						<u>Samples Collected</u>
						No Yes. Time
						<u>Method Used</u>
						EDI EWI Other.
						<u>SEDIMENT SAMPLES</u>
						No Yes. Time
						<u>Method Used</u>
						EDI EWI Other.
						<u>BIOLOGICAL SAMPLES</u>
						Yes. Time
						No Type

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Observer

HWM outside, in well

Remarks

GPS LAT\LONG

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

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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			
LEW	43.2										
	43	1.0	1.6				1.67			1.6	4.0
	47	1.5	1.1				1.77			1.7	4.2
	50	2.0	1.1				1.70			2.1	4.2
	52	2.0	1.1				1.82			2.1	5.28
	36	2.0	1.1				1.82			2.1	4.82
	34	2.0	1.4				2.07			2.7	4.80
	32	2.0	1.4				1.72			2.2	4.82
	30	2.0	1.6				1.91			2.2	5.1
	27	2.0	1.6				1.96			2.2	4.74
	26	2.0	1.5				1.87			2.1	4.72
	25	2.0	1.1				1.84			2.2	4.07
	22	2.0	1.1				1.40			2.2	4.07
	23	2.0	1.1				1.40			2.2	4.07
o	42	2.0	0.7				1.52			1.7	4.07
	16	2.0	0.5				1.00			1.0	1.54
	14	3.0	1.5				3.2			1.8	3.1
	10	3.0	1.6				1.81			1.8	4.06
	8	2.0	1.7				1.66			1.7	4.02
	6	2.0	1.0				1.54			2.0	1.02
	5	1.5	1.1				1.64			1.7	1.01
	3	1.5	1.1				1.18			1.7	3.1
REL	20										5.7

.0 .10 .20 .30 .40 .50 .60 .70 .75