

State of Idaho
Department of Water Resources
Water District 34

SCANNED
 Meas. No. JAN 07 2005
 Comp. by.

Sta. No. **DISCHARGE MEASUREMENT NOTES** Checked by
ALDER CK ABV. confluence w/ Anaos Ditch
 Date 7/27, 19 99 Party T. Luke
 Width Area Vel. G. H. NA Disch. 1.59 cfs
 Method No. secs. G. H. change. in hrs. Susp.
 Method coef. Hor. angle coef. Susp. coef. Meter No.
 Type of meter Swiffer 200 Date rated Tag checked
 Meter ft. above bottom of wt. Spin before meas. OK after OK
 Meas. plots. % diff. from. rating. Levels obtained.

GAGE READINGS						WATER QUALITY MEASUREMENTS		
Time		Inside	HM	Chart	Outside	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
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 straight, fairly smooth bottom, small stones, etc.
 Control Flow

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 NOAS. About 100' ABV. confluence w/
ANAOS Ditch
 GPS LAT\LONG
 G.H. of zero flow ft. Sheet No. of sheets

0% LOSS FROM DARLINGTON Ditch (3.04 cfs)
= -47.7%

.0 .10 .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				
REW	2.0		—									.80
35/p.m.	2.4	0.4	0.65				0.16			1.26	0.04	.85
	2.8	.45	0.62				0.44			1.279	0.12	
	3.3	.50	0.62				0.43			.31	0.13	.90
	3.8	.50	0.61				0.44			.31	0.13	
	4.3	.50	0.57				0.58			1.285	0.17	.92
	4.8	.50	0.60				0.77			1.30	0.23	.94
	5.3	.50	0.58				0.79			.29	0.23	
	5.8	.50	0.62				0.55			.31	0.17	.96
	6.3	.50	0.60				0.65			1.30	0.20	.97
	6.8	.40	0.60				0.53			.24	0.13	.98
	7.0	.30	0.53				0.24			.159	0.04	.99
LEW	7.4		—				—					
4:15 p.m.										0 = 1.59		1.00
0												
												.99
												.98
												.97
												.96
												.94
												.92
												.90
												.85

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

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Meas. No. IAN 0-7 2005
 Comp. by.

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

ALDER CR. B.W. DARLINGTON LITCH

Date 7/27, 1999 Party T. LUKE

Width Area Vel. G. H. Disch. 3.04 cfs

Method No. secs. G. H. change. in hrs. Susp.

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

Type of meter SWOFFER 2100 Date rated Tag checked

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

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

GAGE READINGS						WATER QUALITY MEASUREMENTS		
Time		Inside	HM	Chart	Outside	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>		
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. feet, mile, above, below gage.

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

Flow. SHALLOW, UNDOULATING

Cross section STRAIGHT, COBBLE & GRAVEL BOTTOM

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 MEASURES 12.5' BELOW DARLINGTON

Disch. Stop log near @ 12.5' H = 0.26'

GPS LAT/LONG Note Leakage thru barrel/stops

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

Creek Flow ABV. G.H. appeared to be around 12.5' that is flow below

River at—

[illegible]

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