

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water District

DISCHARGE MEASUREMENT NOTES

Single irrigation

Meas. No.

Comp. by

Checked by

Station No. _____

Date 6/13/01

Party C. Knowles, CBine

Width 12'

Area

Vel.

G.H.

Discharge

25.0

Method - 6

No. Secs.

G.H. chng

in _____

_hrs. Susp

Method coef.

Hor. Angle coef.

Susp. Coef

Meter No.

196537

[illegible]

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

conditions: cross section

Flow 25.0 cfs. Weather Sunny hot.

Other _____ Air _____ ⁹F @ _____

Gage 1.20 Water °F @

Record removed

Intake flushed- U / L

Observer

Control

Remarks

Correction for vertical

measured in the flume, trash m

G.H. of zero flow

ft

center wall, effects

Angle co-efficient	Dist from initial point	Width	Depth	Observation depth	Revolutions	Time in Seconds	VELOCITY		Adjusted for Horizontal Angle or	Area	Discharge
							At point	Mean in vertical			
River at -- 196537											
FW	1.0	0	1.5							9.22	2.07
	1.5	5	1.5				1.98				1.49
	2.0	5	1.5				2.04				1.58
	2.5	5	1.5				2.04				1.53
	3.0	5	1.5	55			1.88				1.40
	3.5	5	1.55				2.0				1.55
	4.0	5	1.55				1.95				1.63
	4.5	5	1.55				1.41				1.09
	5.0	5	1.55				.97				.75
	5.5	5	1.55				.36				.28
	6.0	5	1.55				.11				.09
FW	6.5	9.5	1.55				0				.11
Waste	7.0										
	7.5										12.5
FW	1.0	4	1.5				.41				.24
	8.0	4	1.5				.58				.35
	8.5	5	1.5				1.44				1.08
	9.0	5	1.5				1.35				1.42
0	9.5	5	1.5				2.31				1.73
	10.0	5	1.5				2.26				1.70
	10.5	5	1.5				2.07				1.55
	11.0	5	1.5				1.88				1.41
	11.5	5	1.5				1.84				1.38
	12.0	5	1.5				1.48				1.11
	12.5	5	1.5				1.30				.98
	13.0	5	1.5				1.59				1.19
REW	13.6	6	1.4				1.11				.93
											15.07
											27.58