

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey

Form 9-275-D
(Jan. 1988)

WATER RESOURCES DIVISION

Date 12-18 - 19 2000

MISCELLANEOUS FIELD NOTES

Von Guverard Stream @ F12

Station	BS	HI	FS	Elev.	Remarks
PZF of weir	6.719	7.719		1.000	assume Elev - 1.000
Rm-1			3.289	4.430	25' south of gage box
Rm-2			3.128	4.591	38' southwest of gage box
RP-1			4.722	2.997	rebar orifice is attached to
orifice			6.844	.875	top of orifice line
EOW			6.642	1.077	edge of water
TP-1	3.430	7.606	3.543	4.176	
Rm-1			3.172	4.434	steel stake marked by Carin
Rm-2			3.014	4.592	steel stake marked by Carin
RP-1			4.605	3.001	
orifice			6.728	.878	
EOW			6.515	1.091	
Dam X-section					
1.0			5.8	1.8	LB edge of dam
2.5			5.6	2.0	
4.0			5.8	1.8	
5.8			6.0	1.6	
6.0			6.2	1.4	
6.8			6.3	1.3	

Station	FS	elev
7.0	6.1	1.5
9.0	6.1	1.5
11.0	6.1	1.5
13.0	6.1	1.5
15.0	6.3	1.3
15.3	6.6	1.0
16.5	6.6	1.0
17.0	6.2	1.4
19.0	6.2	1.4
21.0	6.0	1.6
23.0	5.9	1.7
24.0	5.7	1.9

Right edge
of dam

Angle coef- ficient	Dist. from initial point	Width	Depth	Observa- tion depth	Rev- olu- tions	Time in sec- onds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge
							At point	Mean in ver- tical			

1 quart - 2.4 sec
1 quart - 2.4 sec

1 quart = .25 gal

$\frac{7.48 \text{ gal}}{5} = 1 \text{ cfs}$

$\frac{.25 \text{ gal}}{2.4 \text{ sec}} = 0.104 \text{ gal/sec}$

$\frac{.104 \frac{\text{gal}}{\text{sec}}}{7.48 \frac{\text{gal}}{\text{sec}}} = 0.014 \text{ cfs}$ ✓