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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No. FGA

Comp. by.....

WATER RESOURCES DIVISION

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

VON Guerard - SITE F6

Date 1/2, 19 94 Party H.H., G.D.

Width 4.90 Area 2.138 Vel. 0.837 G.H. 1.00 Disch. 1.79

Method .6 No. secs. 18 G.H. change +0.01 in 1/3 hrs. Susp. .....

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

Type of meter Pygmy Date rated ..... Tag checked .....

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

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

GAGE READINGS OG RPI						WATER QUALITY MEASUREMENTS
Time		Inside	ADR	Graphic	Outside	No ..... Yes. X Time .....
2002		1.01		1.00	1.13	Samples Collected
2022		1.00		1.01	1.12	No ..... Yes. X Time .....
						Method Used
						EDI ..... EWI ..... Other. X
(OG = 2.13 - RPI)						SEDIMENT SAMPLES
						No X ..... Yes. ..... Time .....
						Method Used
						EDI ..... EWI ..... Other. .....
Weighted M.G.H.						BIOLOGICAL SAMPLES
G. H. correction						Yes. ..... Time .....
Correct M.G.H.						No X ..... Type .....

Check bar. chain found ..... changed to ..... at .....

Wading, cable, ice, boat, upstr., downstr., side bridge. 5 feet, mile, above, below gage.

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

Flow Steady

Cross section Uniform - small gravel

Control Rock weir - NO ICE or SNOW

Gage operating yes Weather Sunny - light upvalley wind

Intake/Orifice cleaned NO Air ..... °C@ ..... Water ..... °C@ .....

Record removed yes Extreme Indicator: Max. ..... Min. .....

Manometer N_2 Pressure Tank 1600 Feed ..... Bbl rate ..... per min.

CSG checked ..... Stick reading .....

Observer .....

HWM ..... outside, in well

Remarks .....

G.H. of zero flow 0.63 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 At point	VELOCITY Mean in vertical	Adjusted for hor. angle or	Area	Discharge
LEW 2005	1.6		0.3		15	44					
	1.8		0.45		30	44					
	2.1		0.5		30	43					
	2.4		0.52		40	54					
	2.7		0.48		30	40					
	3.0		0.47		40	45					
	3.3		0.50		40	48					
	3.6		0.50		40	52					
	3.9		0.45		30	43					
	4.2		0.42		30	48					
	4.5		0.42		25	41					
	4.8		0.43		30	46					
	5.1		0.43		40	44					
	5.4		0.44		50	49					
⊙	5.7		0.40		50	44					
	6.0		0.35		60	42					
	6.2		0.30		50	42					
Rew 2021	6.5		0.30		50	42					

.80 .85 .90 .92 .94 .96 .97 .98 .99 1.00 .99 .98 .97 .96 .94 .92 .90 .85

9-276
(Rev. 7-67)

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WATER RESOURCES DIVISION

Station Number

LEVEL NOTES

Stream Von Guerard Stream

Locality FG

Party GD-HH Date 1/2, 1994

STATION	B. S.	HT. INST.	F. S.	ELEVATION	REMARKS
RM3				6.228	Bolt on split Brown Rock, L.S.
	0.150	6.378			
RM4		(SS)	0.200	6.178	Bolt on Red Rock R.S.
RP1		(SS)	4.250	2.128	Top of Rebar
orifice		(SS)	5.730	0.648	Top of nut
PZF		(SS)	5.750	0.628	
RM3			0.150	6.228	

No. ____ of ____ sheets ____ Comp. by ____ Chk. by ____

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