

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey

Form 9-275-D
(Jan. 1988)

WATER RESOURCES DIVISION

Date 11-23-04, 19

MISCELLANEOUS FIELD NOTES

Von Guerard

JS, PLW

- Flow
- control rs free & clear (now)
- $N_2 = 1900$ psi
- date & time correct @ 1643 / 04 / 327

J.D.

*6 @ 1646 → orifice buried in sed
stage 0.926

AT 9.423

WT - 9.999

volts? 13.995

* removed sediment from orifice @ ~1653

*6 @ 1721

stage 0.8496

OG

TD = 1.47'

only one battery @ 13.55 volts

- added new battery @ 12.5 volts

Take down @ 1720 $2.54 - 1.47 = 1.07$, *6 = 0.843

ran levels

AE

WQ @ 1645

$2.542 - 1.47 = 1.072$

9-275-F
(Apr. 93)

U.S. Department of the Interior
U.S. Geological Survey
Water Resources Division

Meas. No. 43
Comp. by JJ

DISCHARGE MEASUREMENT NOTES

Checked by gchaha

Sta. No. _____
Sta. Name Von Guerard Stream
Date 11/23/04 Party J. Joslin, P.R. Wright
Width 5.1 Area 0.66 Vel. .335 G.H. _____ Disch. 0.221
Method _____ No. Sec. _____ G.H. Change _____ in _____ hrs. Susp. Red
Method coef. 1 Hor. angle coef. 1 Susp. coef. 1 Meter No. P90248
Type of meter Pygmy Date rated 6/99 Tag checked NA
Meter _____ ft. above bottom of wt. Spin before meas. 105 after _____
Meas. Plots _____ % diff from _____ rating. Levels obtained Yes

GAGE READINGS				
Time	Inside			Outside
<u>1721</u>	<u>CR10</u>	<u>0.8496</u>		<u>1.07</u>
<u>1822</u>		<u>.834</u>		<u>1.05</u>
Weighted MGH				
GH correction				
Correct MGH				

WATER QUALITY MEASUREMENTS

No. Yes. Time.....

Samples Collected

No. Yes. Time 1645

Method Used

EDI..... EWI..... Other Grab

SEDIMENT SAMPLES

No. Yes..... Time.....

Method Used

EDI..... EWI..... Other.....

BIOLOGICAL SAMPLES

Yes..... Time.....

No. Type.....

Check bar, chain found _____ changed to _____ at _____

Wading cable, ice, boat, upstr., downstr., side bridge 80 feet, mile, above, below, gage.

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

Flow Fairly laminar

Cross section Gravel, sand

Control Clear

Gage operating Yes Weather P. Cloudy, Breezy

Intake/Orifice cleaned Yes Air _____ °C@ _____ Water _____ °C@ _____

Record removed N Extreme Indicator: Max _____ Min _____

N₂ Pressure Tank _____ Feed _____ Bbl rate _____ per min. Batt volt 13.1

CSG checked NA Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks TD = 2.54 - 1.49 = 1.05

River at-

Angle coef- Ficient	Dist. from initial point	Width	Depth	Observa- tion Depth	Revo- lutions	Time in seconds	VELOCITY		Adjusted for hor- angle or -----	Area	Discharge
							At Point	Mean in vertical			
	3.7	.45	0		REW		1746				
	4.6	.6	.15	.6 ^s	10	51		.220		.09	.02
	4.9	.3	.18	.6	20	50		.415		.054	.022
	5.2	.3	.16	.6	25	49		.521		.048	.025
	5.5	.3	.15	.6	20	52		.401		.045	.018
	5.8	.3	.18	.6	15	53		.303		.054	.016
	6.1	.3	.16	.6	15	49		.325		.048	.016
	6.4	.3	.16	.6	15	51		.314		.048	.015
	6.7	.3	.14	.6	15	48		.331		.042	.014
	7.0	.3	.16	.6	15	49		.325		.048	.016
	7.3	.3	.14	.6	15	50		.319		.042	.013
	7.6	.3	.12	.6	15	49		.325		.036	.012
	7.9	.3	.14		15	47		.338		.042	.014
o	8.2	.45	.14		15	51		.314		.063	0.02
	8.8	.30	0		LEW		1816	.335		.066	0.221
		5.1									
								0.338	at center		

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WATER RESOURCES DIVISION

STATION NUMBER

Form 9-276
(July 1967)

LEVEL NOTES

STREAM Von Guerard
LOCALITY FG
PARTY PRW / JJ DATE 11-23-04, 19

STATION	B. S.	HT. INST.	F. S.	ELEVA-TION	REMARKS
RM3	2.224	8.454		6.230	bolt L of wall
RM4			2.247	6.207	bolt 90' R of wall
RPI			5.913	2.541	
office			7.607	0.847	Cleaned off
PZF			7.668	0.786	Rod turned slightly away
TP			7.288	1.166	
	7.227	8.393		7.353	
PZF			7.404	.789	
office			7.545	0.848	7.545
RPI			5.850	2.543	
RM4			2.187	6.206	
RM3			2.161	6.232	