

LEVEL NOTES

STREAM Passa Stream

LOCALITY _____

PARTY ANW, CJ

DATE Dec 6, 1968

STATION	B. S.	HT. INST.	F. S.	ELEVA-TION	REMARKS
					• arrive @ 14:30, alone.
					• clear, breezy, sunny
					• FLOWING!
					• Q measured w/ pygmy - see Q notes. 1445 - 1539
					• WQ sampled @ 1541 by CJ
					Scm = 140.3 mS
					Temp = 9.2 °C
					• leaving site @ 1545

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
 WATER RESOURCES DIVISION
 DISCHARGE MEASUREMENT AND
 GAGE INSPECTION NOTES

Meas. No. _____
 Comp. by _____
 Checked by _____

Sta. No. _____
 Sta. Name Prison Stream
 Date Dec 6, 2012 Party ANW
 Width 7.40 Area 2.05 Vel. 1.55 G. H. — Disch. 3.16
 Method — No. secs. — G. H. change — in — hrs.
 Method coef. — Horiz. angle coef. — Susp. — Tags checked —
 Meter Type pygmy Meter No. 2 Meter _____ ft. above bottom of wt.
 Rating used _____ Spin test before meas. _____ ; after _____
 Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS					
Time				Inside	Outside
		<u>NO GAGE</u>			
		<u>@ SITE</u>			
Start					
Finish					
Weighted MGH					
GH correction					
Correct MGH					

Samples collected: water quality, sediment, biological, other _____

1541

Measurements documented on separate sheets: water quality, aux./base gage, other _____

Rain gage serviced/calibrated _____

Weather: _____

Air Temp. _____ °C at _____

Water Temp: _____ °C at _____

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, _____ ft., mi. upstr., downstr. of gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: calm, within bank

Cross section: just downstream of Bohner trib. narrow run, no white water.

Gage operating: _____ Record Removed _____
 Battery voltage: _____ Intake/Orifice cleaned/purged: _____
 Bubble-gage pressure, psi: Tank _____, Line _____; Bubble-rate _____ /min
 Extreme-GH indicators: max _____, min _____
 CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
 HWM inside/outside: _____

Control: No control structure @ this site.

Remarks: Coarse cobble bottom fair quality

GH of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____

.0 .10 .20 .30 .40 .50 .60 .70 .75
 River at -

ANGLE COEF. FICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVA- TION DEPTH	REVO- LUTIONS	TIME IN SEC- ONDS	VELOCITY		ADJUSTED FOR HOR. ANGLE OR	AREA	DISCHARGE .80
							AT POINT	MEAN INVER- TICAL			
	REW = 11'				LEW = 3.6'			START @		14 45	
	3.6	0	0		0	0					.85
	5.0	1.4	0.2		60	45					
	5.4	0.4	0.2		60	44					.90
	5.8	0.4	0.28		60	43					.92
	6.2	0.4	0.28		60	46					.94
	6.6	0.4	0.24		80	45					.96
	6.8	0.2	0.3		50	42					.97
	7.0	0.2	0.3		70	45					.98
	7.2	0.2	0.32		90	44					.99
	7.4	0.2	0.32		80	41					1.00
	7.6	0.2	0.38		50	40					
	7.8	0.2	0.34		70	40					
	8.0	0.2	0.4		90	44					
⊙	8.2	0.2	0.42		70	39					.99
	8.4	0.2	0.4		80	42					.98
	8.6	0.2	0.38		80	42					.97
	8.8	0.2	0.4		80	44					.96
	9.0	0.2	0.46		70	41					.94
	9.2	0.2	0.46		70	44					.92
	9.4	0.2	0.48		60	42					.90
	9.8	0.4	0.4		70	40					
	10.5	0.7	0.2		40	44					
	11	0.5	0		0	0					
	END TIME @					15 39					
											.85
											.80

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

10%

