

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey
WATER RESOURCES DIVISION

STATION NUMBER _____

LEVEL NOTES

STREAM F9 Green

LOCALITY _____

PARTY NRM & AMS

DATE 1/23/08, 1908

STATION	B. S.	HT. INST.	F. S.	ELEVATION	REMARKS
RM1	2.869	12.869		10.00	
RM2			6.603	6.266	
RPI			8.329	4.54	
orifice		9.422	9.531	3.447	
PZF			9.305	3.564	
TP1	9.424	13.082	9.211	3.658	
PZF			9.520	3.562	
orifice			9.635	3.447	
RPI			8.543	4.539	
RM2			9.814	6.268	
RM1			3.084	9.998	C = 0.002

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DISCHARGE MEASUREMENT NOTES

Sta. No. F9 Green Meas. No. _____
 Date 1/23/09, 1909 Party NRM/AMS Comp. by NRM
 Width 4.5 ft Area 1.212 A² Vel. 954 ft³/s G. H. _____ Disch 1.16 cfs
 Method _____ No. secs. _____ G. H. change _____ in _____ hrs. Susp. _____
 Method coef. _____ Hor. angle coef. _____ 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 _____

GAGE READINGS				WATER QUALITY MEASUREMENTS			
Time	Inside		Outside	No	Yes <input checked="" type="checkbox"/>	Time	
1522	4.07		.67	SC 21.5	Samples Collected	1510	pH 7.1
1558	4.08		.66	No	Yes <input checked="" type="checkbox"/>	Time	7.1
					Method Used		
				EDI	EWI	Other	dip
				SEDIMENT SAMPLES			
				No	Yes	Time	
					Method Used		
				EDI	EWI	Other	
				BIOLOGICAL SAMPLES			
Weighted M.G.H.				Yes		Time	
G.H. correction				No		Type	
Correct M.G.H.							

Check bar. chain found _____ changed to _____ at _____
 Wading, cable, ice, boat, upstr., downstr., side bridge 100 feet mile, above, below gage.
 Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%) based on the following cond:
 Flow turbulent
 Cross section rocky, not capturing all of flow < 5% beyond REW
 Control clear
 Gage operating yes Weather pc, windy
 Intake/Orifice cleaned _____ Air 3 °C @ 1520 Water 5.9 °C @ 1520
 Record removed _____ Extreme Indicator: Max. _____ Min. _____
 Nitrogen Pressure Tank 900 psi Feed 12 psi Bbl rate 25 per min.
 CSG checked _____ Stick reading _____
 Observer _____
 HWM _____ outside, in well _____
 Remarks 1511 #6 4.06 Bv13.9 closing gage
wt 6.41 running levels
sc 22.8 swapping storage module
 G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets

River at-

ANGLE COEF-FICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVATION DEPTH	REVO-LUTIONS	TIME IN SEC-ONDS	VELOCITY		ADJUST-ED FOR HOR. ANGLE OR	AREA	DISCHARGE
							AT POINT	MEAN IN VER-TICAL			
	5.0				LEN @	1535					
	6.5	.25		.6							
	7.0	.4	.19		10	44	.249			.076	.019
	7.3	.3	.38		50	46	1.08			.114	.123
	7.6	.3	.5		80	43	1.82			.15	.273
	7.9	.3	.5		80	48	1.63			.15	.244
	8.2	.3	.44		60	43	1.37			.132	.181
	8.5	.3	.38		50	46	1.08			.114	.123
	8.8	.3	.4	↓	30	42	.717			.12	.086
	9.1	.3	.38		25	43	.590			.114	.067
	9.4	.3	.3		10	47	.236			.09	.021
	9.7	.3	.18		0	0	0			.054	0
	10.0	.65	.15		7	41	.195			.099	.019
	11.0	.5			REW @	1550					
○	4.5	4.5					.954			1.212	1.156