9-275-F
(Apr. 93)

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Meas. No. 38

Comp. by JM

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

Andersen Creek @ H1

Date 01/4, 2000 Party JM, EC

Width 5.8 Area 1.25 Vel. 1.64 G.H. ..... Disch. 2.05

Method .6 No. secs. 19 G.H. change -.02 in .48 hrs. Susp. Rod

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. Free after Free

Meas. Plots ..... % diff. from ..... rating. Levels obtained .....

GAGE READINGS

Time	Inside				Outside
2008	1.887				0.80
2037	1.870				0.78

Weighted M.G.H.					
G.H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

No ..... Yes ✓ ..... Time .....

Samples Collected

No ..... Yes ✓ ..... Time .....

Method Used

EDI — EWI — Other —

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 30 feet, mile, above (below) gage.

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

Flow non uniform

Cross section Gravel & cobble

Control clear

Gage operating yes Weather cloudy, cool

Intake/Orifice cleaned ..... Air 11.01 °C@ 2006 Water 0.504 °C@ 2006

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

Manometer N_2 Pressure Tank 1425 psi Feed 11 psi Bbl rate — per min. —

CSG checked NA Stick reading .....

Observer .....

HWM ..... outside, in well

Remarks SC = 22.6 µS Volts = 13.62 SCm = 75 µS Tm = 0.6°C

G. H. of zero flow ..... ft. Sheet No. 1 of 1 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
	3.6	0.35	0	.6	REWe 2015					0	0
	4.3	0.5	0.18		40	47		0.949		.090	.076
	4.6	0.3	0.21		50	42		1.17		.063	.074
	4.9	0.3	0.22		40	48		0.832		.066	.055
	5.2	0.3	0.26		40	48		0.832		.078	.065
	5.5	0.3	0.29		60	42		1.40		.087	.122
	5.8	0.3	0.29		80	43		1.82		.087	.158
	6.1	0.3	0.29		60	40		1.47		.087	.128
	6.4	0.3	0.28		80	40		1.95		.087	.170
	6.7	0.3	0.29		100	41		2.37		.087	.206
	7.0	0.3	0.27		150	54		2.70		.081	.219
	7.3	0.3	0.28		100	42		2.32		.084	.195
	7.6	0.3	0.25		80	41		1.91		.075	.143
	7.9	0.3	0.20		80	48		1.63		.060	.098
⊙	8.2	0.3	0.17		50	44		1.12		.051	.057
	8.5	0.3	0.16		50	41		1.20		.048	.058
	8.8	0.35	0.22		100	46		2.03		.077	.156
	9.2	0.3	0.15		80	52		1.51		.045	.068
	9.4	0.1	0	↓			LEWe 2036			0	0
	5.8	5.8						1.64		1.25	2.05

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