Form 9-275-G
(Nov 1993)

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

DISCHARGE MEASUREMENT NOTES

Meas. No. 49

Sta. No. _____ Green Creek Comp. by _____

Checked by CHW

Date 1/9/07, 19 _____ Party PAC, EEG

Width 6.2 Area 2.23 Vel. 2.05 G. H. _____ Disch 4.57

Method _____ No. secs. _____ G. H. change _____ in _____ hrs. Susp. _____

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

Type of meter _____ Date rated _____ Tag checked _____

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

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

GAGE READINGS

Time		Inside			Outside
1541		4.278		4.14	0.42
1630		4.278		CHW	0.42
Weighted M.G.H.					
G.H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

No _____ (Yes) _____ Time 1540

Samples Collected C-14.3 NS pH-8.21 7.3 WT

No _____ (Yes) _____ Time 1540

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 _____ feet, mile, above, below gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (over8%); based on the following cond:

Flow uniform, 1 eddy, some flow outside of x-sect

Cross section gravel + cobbles

Control clear, water spilling over at other non RZF points

Gage operating yes Weather clear, up-V wind

Intake/Orifice cleaned no Air _____ °C@ _____ Water _____ °C@ _____

Record removed no Extreme Indicator: Max. _____ Min. _____

Nitrogen Pressure Tank _____ Feed _____ Bbl rate _____ per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well

Remarks * tape down

G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets

*U.S. GOVERNMENT PRINTING OFFICE: 1993-560-446

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
	7.1	LEW			@	1605					
	7.6	.45	.31		60	42	1.40			.1395	.195
	8.0	.4	.25		80	41	1.91			.1	.191
	8.4	.4	.40		100	40	2.43			.16	.389
	8.8	.4	.51		150	42	3.46			.204	.706
	9.2	.4	.65		150	46	3.16			.260	.822
	9.6	.4	.70		100	43	2.26			.28	.633
	10.0	.4	.62		100	45	2.17			.248	.538
	10.4	.4	.6		80	43	1.82			.24	.437
	10.8	.4	.5		80	40	.752			.20	.150
	11.2	.4	.3		80	40	1.95			.12	.234
	11.6	.4	.18		80	47	1.67			.072	.120
⊙	12.0	.4	.2		50	43	1.15			.08	.092
	12.4	.4	.18		30	42	.717			.072	.052
	12.8	.45	.11		5	40	.151			.050	.007
	13.3	REW		@	1630						
	62						2.05			2.23	4.57

Some minor (<0.05 cfs) flow is not captured by this measurement