Form 9-275-G
(Nov 1993)

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

DISCHARGE MEASUREMENT NOTES

Meas. No. 51

Sta. No. _____ Green Creek

Comp. by _____

Checked by CHW

Date 1/23/06, 19 _____ Party LFS ESG

Width 2.1 Area .288 Vel. .97 G. H. _____ Disch .28

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
1215		4.018		3.85 ←	0.74 *
1220		4.018		CHW	0.74 *
Weighted M.G.H.					
G.H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

No _____ Yes _____ Time 1220

SC = 25.4 Samples Collected WT = 8.6°C

No _____ Yes _____ Time _____

pH = 7.54 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

Cross section ok control

Control ✓

Gage operating yes Weather clear, slight up-v wind

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

Record removed yes Extreme Indicator: Max. _____ Min. _____

Nitrogen Pressure Tank 1600 Feed 10 Bbl rate _____ per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well

Remarks * tape down
ran levels, switched SM, closed gage

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

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

.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
	0.3	REW @			1215						
	0.6	.3	.09		15	48	.331			.027	.009
	0.9	.3	.13		30	44	.686			.039	.027
	1.2	.3	.19		40	40	.992			.057	.057
	1.5	.3	.18		50	44	1.12			.054	.06
	1.8	.3	.20		50	44	1.12			.06	.067
	2.1	.3	.17		50	42	1.17			.051	.060
	2.4	LEW @			1220						
	2.4						.97			.288	.28
					~~6~~	@	1230				
					1)	4.08	SH				
⊙					2)	9.22	WT				
					3)	29.24	SC				
					4)	14.0	BV				

.80 .85 .90 .92 .94 .96 .97 .98 .99 1.00 .99 .98 .97 .96 .94 .92 .90 .85 .80

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

Form 9-276
(July 1967)

U. S. DEPARTMENT OF THE INTERIOR
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WATER RESOURCES DIVISION

STATION NUMBER

LEVEL NOTES

STREAM Green Crk
LOCALITY
PARTY ESG & LFS A DATE 1/23/07, 19

STATION	B. S.	HT. INST.	F. S.	ELEVATION	REMARKS
(X) RM 1	1.880	11.880		10.00	✓ given
RM 2			5.608	6.272	✓
RP1			7.350	4.530	✓
orifice			8.429	3.451	✓
PZF			8.297	3.583	
TP1	5.814	11.551	6.143	5.737	
PZF			7.978	3.573	✓
orifice			8.101	3.450	✓
RP1			7.020	4.531	✓
RM2			5.279	6.272	✓
RM 1			1.549	10.002	✓
					level #116203

NO. ____ OF ____ SHEETS ____ COMP. BY ____ CHK. BY ____