

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

Meas. No. 63

Sta. No. _____ Anderson Creek

Comp. by _____

Checked by JCK

Date 12/15/06, 19____ Party ESG LFS

Width _____ Area _____ Vel. _____ G. H. _____ Disch 0.115

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

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

Type of meter cutthroat 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	Outer	Outside	WATER QUALITY MEASUREMENTS		
				No	Yes	Time
2240	1.30	.165	0.200	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2240
		↓	↓	No	Yes	Time
		0.115	1.20		Method Used	PH 7.70
				EDI	EWI	Other
				SEDIMENT SAMPLES		
				No	Yes	Time
					Method Used	
				EDI	EWI	Other

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

BIOLOGICAL SAMPLES
Yes _____ Time _____
No _____ Type _____

Check bar. chain found _____ changed to _____ at _____

cutthroat Wading, cable, ice, boat, upstr., downstr., side bridge 12 feet, mile, above, below gage

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

Flow uniform

Cross section gravel, sand

Control clear

Gage operating yes Weather clear, sunny, calm

Intake/Orifice cleaned no Air 3.63 °C@ _____ Water 0.8 °C@ _____

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

Nitrogen Pressure Tank 1700 Feed 10 + Bbl rate _____ per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks * cutthroat Plug

* tried to redirect flow to permanent line, but line still frozen

replaced temp line

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

.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		ADJUST- ED FOR HOR. ANGLE OR -----	AREA	DISCHARGE
							AT POINT	MEAN IN VER- TICAL			
		cutthroat flume @ 2240 = 0.200									
		*6 @ 2245									
			1) 1.30			54					
			2) 0.60			WT					
			3) 26.28			SC					
			4) 3.63			AT					
			5) 12.76			BV					
0											

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