

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

Meas. No. 38

Sta. No. _____ Delta Stream

Comp. by _____

Checked by CHW

Date 1/23/07, 19____ Party LFS, ESG

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

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				WATER QUALITY MEASUREMENTS		
Time	Inside		Outside	No	Yes	Time
1400	4.471		1.105 *		<input checked="" type="checkbox"/>	1400
			↓ 4.455	No	<input checked="" type="checkbox"/>	1400
		RRI=5.56		Samples Collected <u>WT=9.16</u>		
				Method Used <u>SC=168.4, S</u>		
				EDI _____	EWI _____	Other _____
				SEDIMENT SAMPLES		
				No	Yes	Time
				Method Used		
				EDI _____	EWI _____	Other _____
				BIOLOGICAL SAMPLES		
				Yes		Time
				No		Type
Weighted M.G.H.						
G.H. correction						
Correct M.G.H.						

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 (over 8%); based on the following cond:

Flow _____

Cross section _____

Control clear, looks good

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 1300 Feed 10 Bbl rate _____ per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks * tape down

van levels, switched SM, ~~closed~~ closed

box

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

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

*6 @ 1355
 1) 4.46 ft
 2) 8.92 wt
 3) 168.20 sc
 4) 7.90 at
 5) 13.7 BV

0

