

9-275-F
(Apr. 93)

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

Meas. No. 30

WATER RESOURCES DIVISION

Comp. by

Day
355

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

Green Creek @ F9

Date 12/21, 19 99 Party JM, MG

Width 2.8 Area 1.05 Vel. 1.48 G.H. Disch. 1.55 cfs

Method No. secs. G.H. change 0.01 in 0.32 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	WI	SC	V	Outside	No	Yes	Time
1526	4.05	5.08	39	12.8	3.965		<input checked="" type="checkbox"/>	
	@ 1527 → TD = 0.58							
1545	4.06	5.08	39.3	12.8	3.975		<input checked="" type="checkbox"/>	
	@ 1545 → TD = 0.57							
						SEDIMENT SAMPLES		
						No	<input checked="" type="checkbox"/>	Yes
						Method Used		
						EDI	EWI	Other
						BIOLOGICAL SAMPLES		
Weighted M.G.H.						Yes		Time
G.H. correction						No	<input checked="" type="checkbox"/>	Type
Correct M.G.H.								

Check bar. chain found changed to at

Wading, cable, ice, boat, upstr. downstr. side bridge 150 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 coarse gravel, some cobble

Control channel

Gage operating Weather

Intake/Orifice cleaned Air °C@ Water °C@

Record removed Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank 1650 Feed 11 Bbl rate per min.

CSG checked Stick reading

Observer

HWM

Remarks @ 1525 W_m = 5.25 / 4.545 - 0.58 = 3.965

slm = 28 / 4.545 - 0.57 = 3.975

G. H. of zero flow ft.

Sheet No. of sheets

