

**U.S. DEPARTMENT OF THE INTERIOR  
U.S. Geological Survey  
WATER RESOURCES DIVISION  
DISCHARGE MEASUREMENT AND  
GAGE INSPECTION NOTES**

Meas. No. \_\_\_\_\_  
Comp. by \_\_\_\_\_  
Checked by \_\_\_\_\_

Sta. No. F9 Green @ 1220  
Sta. Name \_\_\_\_\_  
Date 3 Dec, 20 13 Party ASS AM, SWC  
Width \_\_\_\_\_ Area \_\_\_\_\_ Vel. \_\_\_\_\_ G. H. \_\_\_\_\_ Disch. \_\_\_\_\_  
Method \_\_\_\_\_ No. secs. \_\_\_\_\_ G. H. change \_\_\_\_\_ in \_\_\_\_\_ hrs.  
Method coef. \_\_\_\_\_ Horiz. angle coef. \_\_\_\_\_ Susp. \_\_\_\_\_ Tags checked \_\_\_\_\_  
Meter Type \_\_\_\_\_ Meter No. \_\_\_\_\_ Meter \_\_\_\_\_ ft. above bottom of wt.  
Rating used \_\_\_\_\_ Spin test before meas. \_\_\_\_\_ ; after \_\_\_\_\_  
Meas. plots \_\_\_\_\_ % diff. from rating no. \_\_\_\_\_ Indicated shift \_\_\_\_\_

**GAGE READINGS**

Time				Inside	Outside
1233	back	= 0.218 ft			
	Start		1237 Stage	3.45	0.99(TD)
			VT	-53	6.9
			SC	-40	41.0
	1st purge	1256			
	2nd purge	1301		3.75	80.99
	Finish			3.64	0.99
	Weighted MGH				
	GH correction				
	Correct MGH				

Samples collected: water quality, sediment, biological, other \_\_\_\_\_  
WT @ 1240

Measurements documented on separate sheets: water quality, aux./base gage, other \_\_\_\_\_

Rain gage serviced/calibrated \_\_\_\_\_

Weather: \_\_\_\_\_  
Air Temp. \_\_\_\_\_ °C at \_\_\_\_\_  
Water Temp: \_\_\_\_\_ °C at \_\_\_\_\_  
Check bar/chain found \_\_\_\_\_  
Changed to \_\_\_\_\_ at \_\_\_\_\_  
Correct \_\_\_\_\_

Wading, cable, ice, boat, upstr., downstr., side bridge, \_\_\_\_\_ ft., mi. upstr., downstr. of gage.  
Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: Yes flow!

Cross section: \_\_\_\_\_

Gage operating: \_\_\_\_\_  
Battery voltage: \_\_\_\_\_ Record Removed \_\_\_\_\_

Bubble-gage pressure, psi: Tank \_\_\_\_\_ Intake/Orifice cleaned/purged: \_\_\_\_\_

Extreme-GH indicators: max \_\_\_\_\_, Line \_\_\_\_\_; Bubble-rate \_\_\_\_\_ /min.

CSG checked: \_\_\_\_\_ HWM height on stick \_\_\_\_\_ Ref. elev. \_\_\_\_\_ HWM elev. \_\_\_\_\_

Control: Need to come back + replace SC cord, check program + WT sensor...  
fixed tank on orifice line.

Remarks: X6 @ 1237 1) 3.45 2) -53.4 3) -40.5 4) 2.07 5) 14.3  
PH @ 7:10 PM 6.86

of zero flow = GH \_\_\_\_\_ - depth at control \_\_\_\_\_ = \_\_\_\_\_ ft., rated \_\_\_\_\_