

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

Meas. No. _____
 Comp. by AS
 Checked by _____

Sta. No. F9 F8
 Sta. Name Crescent
 Date 18 Dec, 20 13 Party AS, AQM
 Width _____ Area _____ Vel. _____ G. H. _____ Disch. 1.555
 Method Baski 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
<u>12:52</u>	<u>st 6.692</u>	<u>0.155</u>
<u>Start</u>	<u>wtem 4.588</u>	<u>4.2°</u>
	<u>sCond 165.93</u>	<u>127.1</u>
	<u>air temp 8.82</u>	
<u>Baski flow measurement</u>	<u>1: 0.23</u>	<u>30% of flow</u>
	<u>2: 0.48</u>	<u>40%</u>
<u>Finish</u>	<u>3: 0.70</u>	<u>30%</u>
	<u>3 parts of stream</u>	
Weighted MGH <u>13:15</u>	<u>st 0.687</u>	<u>0.160</u>
GH correction		
Correct MGH		

Samples collected: water quality, sediment, biological, other _____
12:52

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: _____
 Cross section: _____

Gage operating: _____ Record Removed _____
 Battery voltage: _____ Intake/Orifice cleaned/purged: _____
 Bubble-gage pressure, psi: Tank _____, Line _____; Bubble-rate _____/min.
 Extreme-GH indicators: max _____, min _____
 SG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
 HWM inside/outside: _____
 Control: _____

Remarks: weather: sunny, slightly windy, warm pH 7.18
 of zero flow = GH _____ - depth at control _____ = _____ ft., rated pH 7.67