

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 CBR

Sta. No. _____
Sta. Name F 7 Harnish
Date 1-4, 20 11 Party CDR
Width _____ Area _____ Vel. _____ G. H. _____ Disch. 0.122
Method _____ No. secs. _____ G. H. change _____ in _____ hrs.
Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
Meter Type Baski 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>1050</u>				<u>5.50</u>	<u>1.56</u> ↓
			<u>WT</u>	<u>3.26</u>	<u>3.4</u>
	Start		<u>SL</u>	<u>94</u>	<u>157</u>
<u>1102</u>				<u>5.50</u>	<u>1.55</u> ↓
	Finish				
Weighted MGH	<u>pH = 7.60</u>				
GH correction					
Correct MGH					

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

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

Rain gage serviced/calibrated _____

Weather: cloudy, breezy

Air Temp. 3.32 °C at 1050

Water Temp: 3.26 °C at 1050

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 150 ft., mi. upstr., downstr. of gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following

conditions: Flow: 0.17 Baski = 0.122

Cross section : _____

Gage operating: OK Record Removed _____

Battery voltage: 13.5 Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank 1600, Line 10; Bubble-rate 48 /min.

Extreme-GH indicators: max _____, min _____.

CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____

HWM inside/outside: _____

Control: clear

Remarks: _____

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