

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. _____

Sta. Name Onyx River @ Vanda

Date Jan 19, 2010 Party MS Becker / BA Monday / EJB Lajszlak

Width 25.5 Area 14.712 Vel. 0.159 G. H. _____ Disch. 2.334

Method ADV No. secs. 25 G. H. change _____ in _____ hrs.

Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____

Meter Type ADV Meter No. P2151 Meter _____ ft. above bottom of wt.

Rating used _____ Spin test before meas. _____ ; after _____

Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS					
Time	SC	WT	Subson	Inside	Outside
1235			0.65	1.79	0.65
1240	-Purge - 65.7	3.02			
1235	Start				
1305	65.8	3.26	0.65	1.79	0.65
Finish					
Weighted MGH					
GH correction					
Correct MGH					

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

@ 1240

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

@ 1240

Rain gage serviced/calibrated _____

Weather: Breezy / clear

Air Temp. 4.0 °C at 1240

Water Temp: 4.0 °C at 1240

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 50 (ft.) mi. upstr., downstr. of gage.

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

Cross section: cobble / rock

Gage operating: yes Record Removed Yes Removed Module

Battery voltage: 13.5 Intake/Orifice cleaned/purged: pos Installed new one

Bubble-gage pressure, psi: Tank 1750, Line 8; Bubble-rate _____ /min.

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: Minor Ice on Edges

Remarks: SC = 37.7 @ 4.0°C → From YSI @ 1240

pH = 7.450

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