

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

Meas. No. _____

Comp. by CBR

Checked by _____

Sta. No. Onyx at Vanda (2)

Sta. Name _____

Date 12-17, 20 10 Party CBR SLC CLJ

Width 39.0 Area 45.5 Vel. 2.09 G. H. _____ Disch. 95.1

Method .6-3/8 No. secs. 33 G. H. change +0.02 in .5 hrs.

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

Meter Type ADV Meter No. 0126590 Meter _____ ft. above bottom of wt.

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

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

GAGE READINGS				
Time			Sutron	CR10 Inside Outside
S 1240			2.15	2.51 1.41 ± .02
1250			2.18	2.52
1255	Start		2.16	2.50
1258	Purged no change		2.17	2.50
F 1334			2.19	2.53 1.42 ± .02
	Finish			
	Weighted MGH		2.17	2.51 1.42
	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: clear, breezy

Air Temp. _____ °C at _____

Water Temp: _____ °C at _____

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 75 ft., mi. upstr., downstr. of gage.

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

Cross section: fairly even, cobble/boulders

Gage operating: OK Record Removed no

Battery voltage: 13.4 Intake/Orifice cleaned/purged: no change

Bubble-gage pressure, psi: Tank 1750, Line 10; Bubble-rate 45 /min.

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: Clear + open. Water flowing over entire control

Remarks: Sutron running 40 sec slow GMT, 2 & 8 meas are inverse

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