

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. Onyx @ Vanda

Sta. Name 01015

Date 17 Dec, 20 13 Party AS, AM, SWC ASJ

Width _____ Area _____ Vel. _____ G. H. _____ Disch. 15.954

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

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

Meter Type truck 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
		1017	ST	1.138	1.11
		1017	WT	2.44	3.3
1029	Start	1017	SC	27.13	56.6
			SC	2.97	3.3
		1118	ST	1.142	11-1.12
					2.11
		1120	SC	4.7	
	Finish				
Weighted MGH					
GH correction					
Correct MGH		<u>left</u>			

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

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

110 wt

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: medium

Cross section: _____

Gage operating: _____ Record Removed _____

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

Bubble-gage pressure, psi: Tank 1400, Line 10; Bubble-rate 60 /min.

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: about 40' wide of flow over control

Remarks: *6 @ 1119 1) 1.142 2) 2.94 3) 27.2 4) 8.5 5) 13.4 on 1000 c/s

truck 10N X DEC 17 for Vanda

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