

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. 014

Sta. Name Onyx Re Vanda

Date 01-10, 20 11 Party clj, cbr, edb

Width 35.0 ft Area 24.9 ft² Vel. 0.33 G. H. 10.01 Disch. 8.29

Method 0.6 No. secs. 33 G. H. change +0.01 in 0.5 hrs.

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

Meter Type ADV Meter No. US65 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		CR10	Inside	Outside
1250		1.97	1.64	0.85
S 1255	Start	1.97	1.64	0.85
1310		1.97	1.64	0.85
1320		1.98	1.65	0.86
F 1328	Finish	1.98	1.65	0.86
Weighted MGH		<u>pH = 8.44 @ 1111 1500</u>		
GH correction				
Correct MGH				

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

2 bottles @ 1250

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

Rain gage serviced/calibrated _____

Weather: Sunny, calm

Air Temp. _____ °C at _____

Water Temp: _____ °C at _____

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 85 ft., mi. upstr., downstr. of gage.

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

Cross section: gravel, cobble, even

Gage operating: OK Record Removed no

Battery voltage: 13.3 Intake/Orifice cleaned/purged: no

Bubble-gage pressure, psi: Tank 1500, Line 10; Bubble-rate 38 /min.

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: _____

Remarks: SC = 50.4 μs, WT = 3.5 @ 1250

SC_m = 49.1 μs, WT_m = 3.7 @ 1250

CR10 = 13 0925

Station = 0 0426

GMT = 0 0545

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