

U.S. DEPARTMENT OF THE INTERIOR

U.S. Geological Survey  
WATER RESOURCES DIVISION  
DISCHARGE MEASUREMENT AND  
GAGE INSPECTION NOTES

Meas. No. \_\_\_\_\_

Comp. by D.C.

Checked by \_\_\_\_\_

Sta. No. Vanda @ Upper Wight

Sta. Name Onyx at 2. Vanda

Date 1-16, 2013 Party SD, DC, C, J, A.W

Width 24.5 Area 17.42 Vel. \_\_\_\_\_ G. H. 0.87 Disch. 5.12 cfs

Method 0.6 No. secs. \_\_\_\_\_ G. H. change \_\_\_\_\_ in \_\_\_\_\_ hrs.

Method coef. \_\_\_\_\_ Horiz. angle coef. \_\_\_\_\_ Susp. rod Tags checked \_\_\_\_\_

Meter Type Pegomy 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
Start		
Finish		
Weighted MGH		
GH correction		
Correct MGH		

H<sub>2</sub>O Samp @ 17:20  
Samples collected: water quality, sediment, biological, other DC

S. Cond = 67.7 st/bb @ 17:15

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

Rain gage serviced/calibrated \_\_\_\_\_

Weather: 90% overcast, upblow

Air Temp. \_\_\_\_\_ °C at wind

Water Temp: 6.0 °C at 17:15

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: \_\_\_\_\_

Cross section: \_\_\_\_\_

Gage operating: \_\_\_\_\_ Record Removed \_\_\_\_\_

Battery voltage: \_\_\_\_\_ Intake/Orifice cleaned/purged: \_\_\_\_\_

Bubble-gage pressure, psi: Tank \_\_\_\_\_, Line \_\_\_\_\_; Bubble-rate \_\_\_\_\_ /min

Extreme-GH indicators: max \_\_\_\_\_, min \_\_\_\_\_

CSG checked: \_\_\_\_\_ HWM height on stick \_\_\_\_\_ Ref. elev. \_\_\_\_\_ HWM elev. \_\_\_\_\_

HWM inside/outside: \_\_\_\_\_

Control: \_\_\_\_\_

Remarks: Weir dimensions = water depth = 3.8 Depth = 0.48  
assume 120° (Note: Staff is sloped at control)

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

