

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

Meas. No. _____
Comp. by DC
Checked by ANW

Sta. No. Onyx @ LWRT
Sta. Name Onyx @ LWRT
Date 22 Dec, 2012 Party DC, ANW, TK, JD, LM
Width 16.7' Area 8.43 Vel. 0.85 G. H. _____ Disch. 7.1967
Method Flow Tracker No. secs. _____ G. H. change +0.01 in ~2 hrs.
Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
Meter Type _____ 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
1250	Start	LEW		1.157	1.17
1409	Finish	REW		1.16	1.18
Weighted MGH					
GH correction					
Correct MGH					

Samples collected: water quality,
sediment, biological, other _____
1300
Measurements documented on
separate sheets: water quality,
aux./base gage, other _____
SITE NOTES
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: moderate
Cross section: shallow, uniform cobble substrate, DOWNSTREAM
of control structure

Gage operating: _____ Record Removed _____
Battery voltage: _____ Intake/Orifice cleaned/purged: _____
Bubble-gage pressure, psi: Tank _____, Line _____; Bubble-rate _____ /m
Extreme-GH indicators: max _____, min _____
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: _____

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

SITE VISIT NOTES

No Onyx @ LWRT
Ni
e 22 December 2012

th - arrive w/ PC, TR, JD, LM @ 1241

thoc - overcast and cool weather

ter - FLOWING

ing - N₂ @ 1800 psi

as. | - #6 @ 1244 | OG @ 1244

ne | st 1.15 | 1.17'

| WT 4.82 | 5.1°C

2 | SC 26.701 | 37.1 μS/cm

| AT 4.58 | -

| BY 13.63 | -

28
o - Q meas w/ FlowTracker by PC
igh LEW @ 1250, REW @ 1409

SEE DISCHARGE NOTES!

lin - WQ sampled @ 1300

ast SC_m = 37 μS/cm

dit T_m = 5.3°C

ss

b

ge

te

ob

rel

G

M

ntre

nal

of

by ANW