

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. _____
Sta. Name Onyx @ LWRT
Date 01-28, 2011 Party CJ, SUG, JDC
Width _____ Area _____ Vel. _____ G. H. _____ Disch. _____
Method 0.6 No. secs. _____ G. H. change _____ in _____ hrs.
Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
Meter Type ADV Meter No. "NSP" Meter _____ ft. above bottom of wt.
Rating used _____ Spin test before meas. _____ ; after _____
Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS					
Time			<u>CR10</u>	Inside	Outside
<u>1525</u>		<u>stage</u>	<u>1.038</u>	<u>1.02</u>	<u>1.02</u>
		<u>wt</u>	<u>3.0</u>	<u>4.4</u>	
	Start	<u>SC</u>	<u>323</u>	<u>11.7</u>	<u>0.01</u>
<u>1600</u>		<u>stg</u>	<u>1.04</u>	<u>1.02</u>	<u>1.04±</u>
<u>1605</u>		<u>stg</u>	<u>1.041</u>	<u>1.05</u>	<u>1.05</u>
	Finish				
Weighted MGH					
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: _____
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: _____

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: -Swapped SM, memory set to fill and stop program uploaded to new SM

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