

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. 015
 Sta. Name Onyx R @ Lower Wright, Brownsboro
 Date 1-10, 20 11 Party CBR^N, CLS^M, EDB
 Width 15.5 Area 8.28 Vel. 1.06 G. H. _____ Disch. 8.74
 Method .6 No. secs. 26 G. H. change 0 in .5 hrs.
 Method coef. — Horiz. angle coef. — Susp. Rod Tags checked _____
 Meter Type ADV Meter No. USGS Meter _____ ft. above bottom of wt.
 Rating used _____ Spin test before meas. QCV; after _____
 Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS		Subtron	
Time		CR10	Inside Outside
<u>1135</u>		<u>1.23</u>	<u>1.24 1.24</u>
<u>1138</u>	Start	<u>—</u>	<u>— —</u>
<u>1145</u>		<u>1.23</u>	<u>1.24</u>
<u>1158</u>		<u>1.23</u>	<u>1.24</u>
<u>1205</u>		<u>1.23</u>	<u>1.24 1.24</u>
	Finish		
Weighted MGH	<u>PH = 8.20</u>	<u>U1111</u>	<u>1530</u>
GH correction			
Correct MGH			

Samples collected: water quality,
 sediment, biological, other _____
2 bottles @ 1138
 Measurements documented on
 separate sheets: water quality,
 aux./base gage, other _____
 Rain gage serviced/calibrated _____
 Weather: sunny, breeze
 Air Temp. 2.77 CR10 °C at 1135
 Water Temp: 3.0 °C at 1130
 Check bar/chain found handheld
 Changed to _____ at _____
 Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 40 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: 13.7 Intake/Orifice cleaned/purged: no
 Bubble-gage pressure, psi: Tank 1700, Line 10; Bubble-rate 40 /min.
 Extreme-GH indicators: max _____, min _____
 CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
 HWM inside/outside: _____
 Control: clear flow over center of control

Remarks: WT = 2.89 CR10, 3.0 YSI @ 1130, Subtron Clock = 22:49:11
SL = 28.6 YSI SC = 10.3 CR10 @ 1130, GMT = 22:49:18
 GH of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____