

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. Onyx Brown North

Sta. Name _____

Date 10 Dec, 2013 Party AG, AM, SVC

Width _____ Area _____ Vel. _____ G. H. _____ Disch. 7.026 cfs

Method 2 track No. secs. _____ G. H. change _____ in _____ 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
<u>1345</u>	Start		<u>stage</u>		<u>1.17</u>
			<u>WT</u>		<u>4.45</u>
			<u>SL</u>		<u>23.2</u>
		<u>@ 1410</u>	<u>stage</u>	<u>1.16</u>	<u>1.19</u>
			<u>WT</u>	<u>5.4</u>	<u>5.5</u>
			<u>SL</u>	<u>23.3</u>	<u>31.3</u>
<u>1425</u>	Finish		<u>stage</u>	<u>1.16</u>	<u>1.19</u>
			<u>WT</u>	<u>5.79</u>	<u>6.0</u>
			<u>SL</u>	<u>23.4</u>	<u>31.6</u>
Weighted MGH					
GH correction					
Correct MGH					

Samples collected: water quality, sediment, biological, other _____
WQ @ 1420

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: 16 @ 1425 2) 1.16 3) 5.73 4) 23.4 5) 4.49 6) 13.6

Remarks: No bad leak @ tank, fixed. PSI = 1000
2 track file: B1010 DEC

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

Date Dec 10 2013, Onyx Brawnworth

MISCELLANEOUS FIELD NOTES

upstream 1	5.785	(higher upstream)
upstream 2	2.705	(18 ga bulbar)
rebar	6.755	
screw	9.645	
ar. Pipe	10.705	
PZF	11.005	
TP1	9.408	

TP1	9.800	
PZF	11.408	
ar. Pipe	11.092	
screw	10.030	
rebar	7.128	
upstream 2	3.100	
upstream 1	6.200	
bolt 2	5.180	

No. _____ of _____ sheets

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ALL-WEATHER WRITING PAPER

G-200

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