

9-275-F
(Apr. 93)

U.S. Department of the Interior
U.S. Geological Survey
Water Resources Division
DISCHARGE MEASUREMENT NOTES

Meas. No. _____

Comp. by MSB

Checked by Sordick

Sta. No. _____
Sta. Name Onyx @ Vanda

Date 12.09.2009 Party BAM, SLD, MSB

Width 29.5 Area 24.35 Vel. 0.336 G.H. _____ Disch. 8.855

Method 0.6 No. Sec. 29 G.H. Change _____ in _____ hrs. Susp. Rod

Method coef. 1.0 Hor. angle coef. calc'd Susp. coef. 1.0 Meter No. 12151

Type of meter Flowtracker Date rated _____ Tag checked _____

Meter _____ ft. above bottom of wt. Spin before meas. ADV after _____

Meas. Plots _____ % diff from _____ rating. Levels obtained no

GAGE READINGS				WATER QUALITY MEASUREMENTS	
Time	Inside CR10	Sutron		Outside	No..... Yes... <input checked="" type="checkbox"/> Time.....
10:15	2.027	1.02		0.88	<u>10:30</u> Samples Collected <u>UT=2.4</u> <u>SC=42.1</u>
10:30					No..... Yes..... Time..... <u>PH=7.64</u> <u>@ 1430</u>
10:40	2.028	1.02		0.88 ^{+0.12}	Method Used
10:50	2.028	1.02		0.88 ^{+0.12}	EDI..... EWI..... Other... <u>Dip</u>
					SEDIMENT SAMPLES
					No..... Yes..... Time.....
11:15		0.88		0.88 ^{+0.02}	Method Used
					EDI..... EWI..... Other.....
					BIOLOGICAL SAMPLES
					Yes..... Time.....
					No..... <input checked="" type="checkbox"/> Type.....

Weighted MGH

GH correction

Correct MGH

Check bar, chain found _____ changed to _____ at _____

Wading, cable, ice, boat, upstr., downstr., side bridge 50 feet, mile, above, below, gage.

Measurement rated excellent(2%), good(5%), fair(8%), poor(over 8%); based on following cond:

Flow fairly even - well distributed

Cross section cobble/boulder

Control tree + c/s

Gage operating Yes Weather windy, overcast

Intake/Orifice cleaned No Air 3 °C @ 10:35 Water 3 °C @ 10:38

Record removed No Extreme Indicator: Max _____ Min _____

N₂ Pressure Tank 2000 Feed 10 Bbl rate 36 per min. Batt volt _____

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks * 6: (1) 2.027; (2) 2.17; (3) 67.97; (4) 13.928; (5) 14.00

Sutron BV=13.6 (Set to GAGE=13 hrs ahead) 21:15 =DK

More notes on back

