

DISCHARGE MEASUREMENT NOTES

773135161404001

Meas. No. _____

Sta. No. _____

Onyx River @ Vanda

Comp. by CHW

Checked by _____

Date Jan 14, 2009 Party P. R. Wright, C. H. Wilson

Width 37.0 Area 37,339 Vel. 1.456 G. H. J Disch 54.65

Method .6 No. secs. 26 G. H. change _____ in _____ hrs. Susp. Rod

Method coef. + Hor. angle coef. 1 Susp. coef. 1 Meter No. P2151

Type of meter Flow Tracker Date rated _____ Tag checked _____

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

Meas. plots _____ % diff. from _____ rating. Levels obtained _____

GAGE READINGS						WATER QUALITY MEASUREMENTS		
Time	watch	Inside	CR10	9210	Outside	No	Yes	Time
1236:22	1237:20						☒	
						Samples Collected		
1242			2.40	1.40		No	☒	Time 1330
1252			2.41	1.41	.39±.05	EDI	EWI	Other
				1.38	.39±.05	1.28ft	SEDIMENT SAMPLES	
						No	☒	Time
						Method Used		
						EDI	EWI	Other
Weighted M.G.H.						BIOLOGICAL SAMPLES		
G.H. correction						Yes	Time	
Correct M.G.H.						No	☒	Type

Check bar. chain found _____ changed to _____ at _____

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

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

Flow moderately turbulent, centered

Cross section Boulder, cobble

Control Clear, clear

Gage operating Yes Weather Cloudy, Cool, Windy

Intake/Orifice cleaned Yes Air _____ °C @ _____ Water _____ °C @ _____

Record removed Y Extreme Indicator: Max. _____ Min. _____

Nitrogen Pressure Tank 1300 Feed 14 Bbl rate 36 per min.

CSG checked _____ Stick reading _____

Observer 1 m = 3.2808, small amount of flow around gage ≈ 2 CFS

HWM 24.45 @ 1.4 °C Conductivity _____ outside, in well

Remarks Year shown as 08, JD=24, updated CR10 date, Time & year at 1242, WT = 0.57 @ 1243, SC = 50.22, Batt = 13.16

Station 9210 Batt = 13.70, Time on Jutron 1 minute off, I corrected @

G.H. of zero flow _____ ft. Sheet No. (slow) of 1247 sheets