

WATER RESOURCES DIVISION

Sta. No. 41 DISCHARGE MEASUREMENT NOTES Checked by

Anderson Stream

Date 21 Dec 2008 Party CHW ARB

Width Area Vel. G. H. Disch. 489

Method No. secs. G. H. change. in hrs. Susp.

Method coef. Hor. angle coef. Susp. coef. Meter No.

Type of meter Date rated Tag checked

Meter *cutthroat* ft. above bottom of wt. Spin before meas. after

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

GAGE READINGS	WATER QUALITY MEASUREMENT
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GAGE READINGS					WATER QUALITY MEASUREMENTS	
Time	GV ⁺ Pressure	Inside	ADR	Graphic	Outside	
1454	0.31	1.706			0.71	No Yes. ☒ . . Time 1500
1537	↓	1.780			0.75	Samples Collected
	0.34					No Yes. ☒ . . Time 1500
1545		1.73			0.78	Method Used
						EDI EWI Other.
						<u>SEDIMENT SAMPLES</u>
						No ☒ . . Yes. Time
						Method Used
						EDI EWI Other.
Weighted M.G.H.						<u>BIOLOGICAL SAMPLES</u>
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 med flow, even, some back flow behind gage

Cross section rocky, uneven, sand

Control clear & free (over flowing)

Gage operating Yes Weather Sunny, some clouds, little wind

Intake/Orifice cleaned Air °C@ Water 1.3 °C@ 145.8

Record removed Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank 1700 Feed 14 Bbl rate 60 per min

note: $\Rightarrow$ cut that took a while to stabilize b/c stage $\uparrow$ so much

Observer $\Rightarrow$ SC probe malfunctioning $\Rightarrow$ trees clear but

HWM outside in well

Remarks @ $t = 145.4$: $St_{aq} = 1.706$, $WT = 1.266^\circ\text{C}$, $Sr = -0.31.6^\circ$

$$AT = 12.045 \quad BV = 12.51 \text{ volts}$$

In stream $SC = LERR$ @ temp $1.3^{\circ}C$

G.H. of zero flow ft. Sheet No. of sheets