

DISCHARGE MEASUREMENT NOTES

Sta. No. B3 @ Lawson

Meas. No. \_\_\_\_\_

Comp. by JCK

Checked by SLH

Date Dec 10, 1905 Party JCK, SLH

Width 5 Area 2.049 Vel. 1.869 G. H. \_\_\_\_\_ Disch 3.798

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

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

Type of meter 75my Date rated \_\_\_\_\_ Tag checked \_\_\_\_\_

Meter \_\_\_\_\_ ft. above bottom of wt. Spin before meas. \_\_\_\_\_ after \_\_\_\_\_

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

GAGE READINGS					WATER QUALITY MEASUREMENTS		
Time	Inside	T	SC	Outside	No	Yes <input checked="" type="checkbox"/>	Time
1442	6.15				Samples Collected		
		2.4	12.0		No	Yes <input checked="" type="checkbox"/>	Time
					Method Used		
1515	6.48				EDI	EWI	Other
					SEDIMENT SAMPLES		
					No	Yes	Time
					Method Used		
					EDI	EWI	Other
					BIOLOGICAL SAMPLES		
Weighted M.G.H.					Yes		Time
G.H. correction					No		Type
Correct M.G.H.							

Check bar. chain found \_\_\_\_\_ changed to \_\_\_\_\_ at \_\_\_\_\_

Wading cable, ice, boat, upstr., downstr., side bridge 100 feet, mile, above, below gage.

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

Flow steep gradient, some standing waves

Cross section narrow, well-confined, cobbly

Control \_\_\_\_\_

Gage operating \_\_\_\_\_ Weather clear, sunny, warm

Intake/Orifice cleaned \_\_\_\_\_ Air \_\_\_\_\_ °C @ \_\_\_\_\_ Water \_\_\_\_\_ °C @ \_\_\_\_\_

Record removed \_\_\_\_\_ Extreme Indicator: Max. \_\_\_\_\_ Min. \_\_\_\_\_

Nitrogen Pressure Tank 2000 Feed 10 Bbl rate 40 per min.

CSG checked \_\_\_\_\_ Stick reading \_\_\_\_\_

Observer \_\_\_\_\_

HWM \_\_\_\_\_ pH: 6.10 outside, in well \_\_\_\_\_

Remarks \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

ANGLE COEF- FICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVA- TION DEPTH	REVO- LUTIONS	TIME IN SEC- ONDS	VELOCITY		ADJUST- ED FOR HOR. ANGLE OR -----	AREA	DISCHARGE .80
							AT POINT	MEAN IN VER- TICAL			
	4.8	EOW									
	5.75	0.95	0.35		54	45					.85
	6.00	0.25	0.40		74						.90
	6.2	0.20	0.40		78						.92
	6.4	0.20	0.50		95						.94
	6.6	0.20	0.50		112						.96
	6.8	0.20	0.50		105						.97
	7.0	0.20	0.50		86						.98
	7.2	0.20	0.50		122						.99
	7.4	0.20	0.50		109						1.0
	7.6	0.20	0.50		132						
	7.8	0.20	0.50		130						
	8.0	0.20	0.50		125						
○	8.2	0.20	0.50		127						
	8.4	0.20	0.50		109						
	8.6	0.20	0.35		92						
	8.8	0.20	0.30		90						
	9.0	0.20	0.30		46						
	9.2	0.20	0.25		39						
	9.8	EOW									

River at - B3 12/16/5