

DISCHARGE MEASUREMENT NOTES

Sta. No. F2 Huey Meas. No. _____
 Date 12-25-07, 19 Party NRM, LFS, AMS Comp. by _____
 Width 3.8 Area .72 Vel. 1.45 G. H. _____ Disch 1.085
 Method _____ No. secs. _____ G. H. change _____ in _____ hrs. Susp. _____
 Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____
 Type of meter pygmy 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		Outside	No	Yes <input checked="" type="checkbox"/>	Time <u>1650</u>
<u>1701</u>	<u>1.545</u>		<u>.54</u>	<u>pH 8.61</u>	Samples Collected	<u>Cond. 423</u>
				No	Yes <input checked="" type="checkbox"/>	Time <u>WT 0.9C</u>
				Method Used _____		
				EDI _____	EWI _____	Other _____
<u>1720</u>	<u>1.539</u>		<u>.48</u>	SEDIMENT SAMPLES		
				No	Yes	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 10 feet, mile, above, below gage.
 Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:
 Flow turbulent
 Cross section small rocks and sand
 Control clear, all flow contained w/in flume
 Gage operating _____ Weather cloudy, up-valley light wind
 Intake/Orifice cleaned _____ Air _____ °C@ _____ Water 0.5 °C@ 1645
 Record removed _____ Extreme Indicator: Max. _____ Min. _____
 Nitrogen Pressure Tank _____ Feed _____ Bbl rate _____ per min.
 CSG checked _____ Stick reading _____
 Observer _____
 HWM _____ outside, in well
 Remarks *6@1645 WT-.84 * bring full N
AT-7.3 tank next
BV-13.6 time

River at-

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
							AT POINT	MEAN IN VER-TICAL			
LEW	9.8	.3	0								
1709	9.2	.45	.2		60	42		1.40		.09	.126
	8.9	.3	.25		80	46		1.70		.075	.128
	8.6	.3	.2		80	43		1.82		.06	.109
	8.3	.3	.3		60	40		1.47		.09	.132
	8.0	.3	.3		80	40		1.95		.09	.1755
	7.7	.3	.3		80	48		1.63		.09	.1467
	7.4	.3	.2		60	41		1.44		.06	.086
	7.1	.3	.25		60	43		1.37		.075	.103
	6.8	.25	.2		50	49		1.01		.05	.051
	6.6	.4	.1		30	43		.701		.04	.028
	6.0	.3	0								
0	3.8	3.8						1.45		.72	1.085
	REW 21720										