

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT NOTES

Sta. No. F10 Pdra

Meas. No. _____

Comp. by _____

Checked by _____

Date 12-22-07, 19____ Party NRM, LPS, AMS

Width _____ Area _____ Vel. _____ G. H. _____ Disch 0.5294

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				Tubing		WATER QUALITY MEASUREMENTS		
Time	Inside			Outside	No	Yes	Time	
<u>1349</u>	<u>4.527</u>			<u>1.16</u>	<u>PH-8.32</u>	<input checked="" type="checkbox"/>	<u>cond. 85.745</u>	
					No	Yes	Time	
					Method Used			
					EDI	EWI	Other	
<u>1425</u>	<u>4.62</u>			<u>1.14</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 20 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 rocky, shallow

Control clear

Gage operating yes Weather overcast, windy

Intake/Orifice cleaned _____ Air _____ °C@ _____ Water 4.6 °C@ 1355

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

Nitrogen Pressure Tank 920 Feed 10.5 Bbl rate 20 per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks *6 @ 1349 VT-4.8
SC-142.2
AT-4.1 PH-8.2V

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

River at-

ANGLE COEF-FICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVATION DEPTH	REVO-LUTIONS	TIME IN SEC-ONDS	VELOCITY		ADJUST-ED FOR HOR. ANGLE OR	AREA	DISCHARGE
							AT POINT	MEAN IN VER-TICAL			
LEW 2	4.0	.65	0								
1404	5.3	.85	.15		30	46		.658		.128	.0892
	5.7	.35	.18		15	59		.275		.063	.0173
	6.0	.3	.18		15	50		.319		.054	.0172
	6.3	.3	.2		40	46		.886		.06	.0520
	6.6	.3	.18		40	45		.885		.054	.0478
	6.9	.3	.15		25	44		.577		.045	.0260
	7.2	.3	.2		40	51		.784		.06	.0470
	7.5	.3	.15		25	40		.631		.045	.0289
	7.8	.35	.1		25	51		.502		.035	.0176
	8.2	.35	.2		20	52		.401		.07	.0281
	8.5	.3	.15		30	43		.701		.045	.0315
0	8.8	.3	.1		30	42		.717		.03	.0215
	9.1	.35	.1		30	44		.686		.035	.0240
	9.5	.35	.1		30	45		.671		.035	.0235
	9.8	.3	.1		30	40		.752		.03	.0226
	10.1	.35	.1		30	45		.671		.035	.0235
	10.5	.35	.15		15	49		.325		.053	.0172
	10.8	.15	0								
	6.8										.5294
	REW 21427										