

U. S. DEPARTMENT OF THE INTERIOR  
Geological Survey

Form 9-275-D  
(Jan. 1988)

WATER RESOURCES DIVISION

Date Dec 21, 2005, 19    

MISCELLANEOUS FIELD NOTES

DeltaStreamEF10

SH, JK, AER

weather: cloudy, cool, windy

N<sub>2</sub> tank pressure: 1100 psi  
line: 10

conflow bubbles:

\*6@ 1605

OL

1. at 4.50

2. WT <sup>9999</sup> probe

8.2°C

3. GC 0.00001

120.8 μS

4. at 4.60

5. VHS 13.90

going to attempt pygmy

pH = 6.69

**U.S. DEPARTMENT OF THE INTERIOR  
 U.S. Geological Survey  
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 DISCHARGE MEASUREMENT NOTES**

Sta. No. F10 Delta

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

Comp. by SLTT

Date Dec 21, 1905 Party SLT, JCR, AER Checked by \_\_\_\_\_

Width 6.05 Area 0.716 Vel. 0.255 G. H. \_\_\_\_\_ Disch 0.215 cfs

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**

Time	Inside	WT	SC	Outside
<u>1605</u>	<u>4.50</u>			
<u>1635</u>	<u>4.43</u>			

**WATER QUALITY MEASUREMENTS**

No _____	Yes <input checked="" type="checkbox"/>	Time _____
Samples Collected		
No _____	Yes <input checked="" type="checkbox"/>	Time _____
Method Used		
EDI _____	EWI _____	Other _____

**SEDIMENT SAMPLES**

No _____	Yes _____	Time _____
Method Used		
EDI _____	EWI _____	Other _____

**BIOLOGICAL SAMPLES**

Yes _____	Time _____
No _____	Type _____

Weighted M.G.H.

G.H. correction

Correct M.G.H.

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 \_\_\_\_\_

Cross section sand & cobbles

Control \_\_\_\_\_

Gage operating \_\_\_\_\_ Weather \_\_\_\_\_

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

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

Nitrogen Pressure Tank \_\_\_\_\_ Feed \_\_\_\_\_ Bbl rate \_\_\_\_\_ per min.

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

Observer \_\_\_\_\_

HWM \_\_\_\_\_ outside, in well \_\_\_\_\_

Remarks pH = 7.16

ANGLE COEFFICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVATION DEPTH	REVOLUTIONS	TIME IN SECONDS	VELOCITY		ADJUSTED FOR HOR. ANGLE OR	AREA	DISCHARGE
							AT POINT	MEAN IN VERTICAL			
	9.6		DN								
	7.9		0.15		12	46					.85
	7.7		0.15		13	45					
	7.5		0.15		15						
	7.3		0.15		14						.90
	7.0		0.15		14						.92
	6.4		0		-						
	5.9		0.15		13						.94
	5.7		.15		14						.96
	5.5		.15		16						.97
	5.3		.2		17						.98
	5.1		.2		16						.99
	4.9		.2		17						
	4.7		.2		5						
o	4.5		.2		6						1.00
	4.3		.2		11						
	4.1		.15		10						
	3.55		0.5 EW								.99
											.98
											.97
											.96
											.94
											.92
											.90
											.85
											.80