

9-275-F
(Apr. 93)

U.S. Department of the Interior
U.S. Geological Survey
Water Resources Division
DISCHARGE MEASUREMENT NOTES

Meas. No. _____
Comp. by JCK
Checked by _____

Sta. No. F3
Sta. Name Last seal str
Date 10 Dec 03 Party _____
Width _____ Area _____ Vel. _____ G.H. _____ Disch. _____
Method _____ No. Sec. _____ G.H. Change _____ in _____ hrs. Susp. _____
Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____
Type of meter _____ 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..... Time.....	
15:03	1.985			¹⁰ 1 ± .02	2.00 ± 0.02	Samples Collected
					No..... Yes..... Time.....	Method Used
					EDI..... EWI..... Other.....	
					SEDIMENT SAMPLES	
					No..... Yes..... Time.....	Method Used
					EDI..... EWI..... Other.....	
					BIOLOGICAL SAMPLES	
					Yes..... Time.....	
					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 following cond:
Flow _____
Cross section _____
Control _____
Gage operating _____ Weather _____
Intake/Orifice cleaned _____ Air _____ °C@ _____ Water _____ °C@ _____
Record removed _____ Extreme Indicator: Max _____ Min _____
N2 Pressure Tank _____ Feed _____ Bbl rate _____ per min. Batt volt _____
CSG checked _____ Stick reading _____
Observer _____
HWM _____ outside, in well _____
Remarks _____

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey

WATER RESOURCES DIVISION

Date 12-10-03, 19

MISCELLANEOUS FIELD NOTES

Lost Seal @ F3 JJ, CJ, KC

- Flow
- repaired/reinforced structure wall
- put in 2nd overflow to the right of the structure

WO @ 1725

SC 39.0 μ S > measured
WT 5.2°C

U.S. Department of the Interior
U.S. Geological Survey
Water Resources Division
DISCHARGE MEASUREMENT NOTES

Meas. No. 50

Comp. by JCK

Checked by _____

Sta. No. _____
Sta. Name LOST SEAL STREAM @ F3
Date 12-10-03 Party G, J, KC
Width 15.24 Area 3.967 Vel. 1.576 G.H. _____ Disch. 6.251
Method .6 No. Sec. _____ 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..... Time.....	
<u>18:18</u>	<u>2.02</u>			<u>1.08 ± 0.07</u>	<u>2.08</u>	Samples Collected
					No..... Yes..... Time.....	Method Used
					EDI..... EWI..... Other.....	
					SEDIMENT SAMPLES	
					No..... Yes..... Time.....	
<u>18:54</u>	<u>2.027</u>			<u>1.08 ± 0.03</u>	<u>2.08</u>	Method Used
					EDI..... EWI..... Other.....	
					BIOLOGICAL SAMPLES	
					Yes..... Time.....	
					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 following cond:
Flow Steady
Cross section Sandy, stable
Control _____
Gage operating _____ Weather _____
Intake/Orifice cleaned _____ Air _____ °C@ _____ Water _____ °C@ _____
Record removed _____ Extreme Indicator: Max _____ Min _____
N₂ Pressure Tank _____ Feed _____ Bbl rate _____ per min. Batt volt _____
CSG checked _____ Stick reading _____
Observer _____
HWM _____ outside, in well _____
Remarks _____

River at-

Angle coef- Ficient	Dist. from initial point	Width	Depth	Observa- tion Depth	Revo- lutions	Time in seconds	VELOCITY		Adjusted for hor- angle or -----	Area	Discharge
							At Point	Mean in vertical			
											.80
											.85
											.85
											.90
											.92
											.94
											.96
											.98
											.99
											.99
											1.0
											.99
											.98
											.96
											.94
											.92
											.90
											.85
											.80

Pygmy Test
Whisker + Leadstone
~~Mag~~
71 45
Fuckling Duck - Ass
~~61 45~~
depth
 LEW 3.4 .17
 4.5 .25 58 45
 6.0 .27 71 45
 7.5 .27 60 45
 9.0 .15 45 45
 10.5 .10 39 45
 12.0 .17 58 45
 12.75 .22 81 45
 13.5 .27 98 45
 14.25 .45 91 45
 14.75 .67 88 45
 15.25 .75 83 45
 15.75 .68 91 45
 16.25 .45 66 45
 17.00 .23 48 45
 REW 17.75 \emptyset
 06 1.08 \pm .03 18:54
 16 8.027
 .85
 .80