

DISCHARGE MEASUREMENT NOTES

Checked by _____

Sta. No. F3
 Sta. Name LOST SEAL STREAM
 Date 12-09-03 Party G, J, K
 Width 13.45 Area 4.273 Vel. 1.370 G.H. _____ Disch. 5.853
 Method 0.6 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.....
1635	1.94			0.99	1.99	Samples Collected
1717	1.95	start		0.98	1.98	No..... Yes..... Time.....
1802	1.96	end		.98	1.98	Method Used
					EDI.....	EWI..... Other.....
					SEDIMENT SAMPLES	
					No.....	Yes..... Time.....
					Method Used	
					EDI.....	EWI..... Other.....
					BIOLOGICAL SAMPLES	
					Yes.....	Time.....
					No.....	Type.....
Weighted MGH						
GH correction						
Correct MGH						

Check bar, chain found _____ changed to _____ at _____
 Wading, cable, ice, boat, upstr., downstr., side bridge 50 feet, mile, above, below, gage.
 Measurement rated excellent(2%), good(5%), fair(8%), poor(over 8%); based on following cond:
 Flow Steady, Uniform
 Cross section Sandy Gravel
 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 _____

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION**

STATION Lost Seal Creek @ F3
 DATE 12-09-03 PARTY S, J, KC

ELEVATIONS OF POINTS

Object	1st Diff.	2nd Diff.	3rd Diff.	4th Diff.	Aver. Diff.	Elevation

WIRE WEIGHT GAGE			BUBBLER DIAL or FLOAT TAPE		
	Found	Left		Found	Left
Ch. Bar. Elev.			R. P. Elev.		
Ch. Bar. Rd.			Tape to W.S.		
W.S. Reads			W.S. Elev.		
			Gage Rdg.		
			Corr'n		

OUTSIDE STAFF SECTIONS

Section	Found			Left		
	R. P. Elev.	R. P. Read	Corr'n	R. P. Elev.	R. P. Read	Corr'n

STATION	B. S.	HT. INST.	F. S.	ELEVATION	REMARKS
(x) RM3	3.570	10.580		7.010	DSR bolt
RM4	3.110		3.440	7.140	DSL bolt
Flume			6.3475	4.232	US bottom
"			6.340	4.24	orifice top of nat
"			4.345	6.235	US right
"			4.315	6.265	DS left
"			5.835	4.745	PZF overflow
"			4.3475	6.2055	staff plate @ 2 ft
"			3.095	7.485	steel rod in pool
TP			5.510	5.070	
	5.255	10.325			
Flume			4.1175	6.2075	staff +0.002
"			5.650	4.675	PZF -0.07*
"			6.070	4.255	orifice +0.015
"			6.110	4.215	US bottom -0.012
RM4			3.2125	7.1125	DSL bolt -0.0275
RM3			3.3075	7.0175	DSR bolt 0.0075
					US bottom
			6.1225	4.2025	US bottom -0.0295
					US rt +0.0225
			4.0675	6.2575	DS lt -0.0075

9-275-F
(Apr. 93)

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

Meas. No. 49

Comp. by _____

DISCHARGE MEASUREMENT NOTES

Checked by _____

Sta. No. _____
Sta. Name Lost Seal Stream
Date 12-09-03 Party W, KC, CW
Width 10.6 Area 2.746 Vel. 1.635 G.H. _____ Disch. 4.49
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 <input checked="" type="checkbox"/> Time <u>1855</u>
<u>1958</u>	<u>1.99</u>	<u>start</u>		<u>1.02</u>	<u>2.02</u>	Samples Collected
					No.....	Yes..... Time.....
<u>2015</u>	<u>2.405</u>			<u>1.48</u>	<u>2.48</u>	Method Used
					EDI.....	EWI..... Other.....
<u>2127</u>	<u>2.28</u>			<u>1.3</u>	<u>2.30</u>	SEDIMENT SAMPLES
					No.....	Yes..... Time.....
						Method Used
					EDI.....	EWI..... Other.....
Weighted MGH					BIOLOGICAL SAMPLES	
GH correction					Yes..... Time.....	
Correct MGH					No..... Type.....	

Check bar, chain found _____ changed to _____ at _____
Wading, cable, ice, boat, upstr., downstr., side bridge 0.25 feet, mile above, below, gage.
Measurement rated excellent(2%), good(5%), fair(8%), poor(over 8%); based on following cond:
Flow _____
Cross section _____
Control free of ice and debris
Gage operating _____ Weather clear, calm
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 _____

