

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey

Form 9-275-D
(Jan. 1988)

WATER RESOURCES DIVISION

Date 12/18/07, 19

MISCELLANEOUS FIELD NOTES

F3 Lost Seal NRM, AMS, LFS

1336 *6 198 Flow present

AT 7.42

WT 7.83

N_2 - 1350 psi

V 13.5

feed - 8 psi

SC 3.69

bubble rate = adjusted to 20/min

Losing some flow on right side of wall

1342 06

-99 = outside

cond. 33 μ S

AT 11 °C

pH 8.0

Ts 1342

Ts 1431

inside

1.98

2.03

outside

0.99

1.02

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DISCHARGE MEASUREMENT NOTES**

Meas. No. _____

Sta. No. F3 Lost Seal

Comp. by _____

Checked by _____

Date 12/19/07, 19____ Party _____

Width 13.7 Area 3.219 ft² Vel. 1.41 ft/s G. H. _____ Disch 4.55 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					WATER QUALITY MEASUREMENTS		
Time		Inside		Outside	No	Yes <input checked="" type="checkbox"/>	Time
<u>1342</u>		<u>1.98</u>		<u>.99</u>			
					Samples Collected <u>pH-8.0</u> <u>Cond. 33 uS</u>		
					No	Yes <input checked="" type="checkbox"/>	Time
<u>1431</u>		<u>2.03</u>		<u>1.02</u>			
					Method Used _____		
					EDI	EWI	Other <u>lip</u>
					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 30 feet mile, above, below gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:

Flow _____

Cross section _____

Control _____

Gage operating _____ Weather _____

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

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

Nitrogen Pressure Tank 1350 psi Feed 8 psi Bbl rate 20 per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks losing flow on right side of well

	Dist from INIT	Width	Depth	Rev	Time	Velocity point	Area	Q
	2.7	—						
LEW	3.3	.55	.24	35	43		.132	.107
1357	3.8	.45	.25	50	44	1.12	.113	.125
	4.2	.4	.28	50	43	1.15	.112	.129
	4.6	.6	.32	40	52	.77	.192	.148
	5.4	.6	.48	60	46	1.28	.288	.369
	5.8	.4	.45	50	43	1.15	.180	.207
	6.2	.4	.45	60	46	1.28	.180	.23
	6.6	.4	.4	50	40	1.23	.16	.197
	7.0	.4	.32	60	47	1.26	.128	.161
	7.4	.4	.32	80	51	1.54	.128	.197
	7.8	.4	.2	50	42	1.17	.08	.094
	8.2	.4	.2	80	44	1.78	.08	.142
	8.6	.4	.2	80	40	1.95	.08	.156
o	9.0	.45	.25	80	43	1.82	.113	.204
	9.5	.45	.2	80	41	1.91	.09	.172
	9.9	.45	.2	80	43	1.82	.09	.164
	10.4	.5	.2	100	50	1.95	.10	.195
	10.9	.5	.2	80	44	1.78	.10	.178
	11.4	.5	.2	80	40	1.95	.10	.195
	11.9	.5	.2	80	42	1.86	.10	.186
	12.4	.5	.2	80	40	1.95	.10	.195
	12.9	.5	.2	80	45	1.74	.10	.174
	13.4	.5	.15	80	51	1.54	.75	.116
	13.9	.5	.15	60	52	1.14	.75	.086
	14.4	.5	.15	60	40	1.47	.75	.11
	14.9	.5	.15	60	45	1.31	.75	.098
	15.4	.5	.15	60	43	1.37	.75	.103
	15.9	.5	.2	50	43	1.15	.10	.115
	16.4	—	0			1.41	3.219	4.553
	13.7	13.7						
	REW	1431						