

U. S. DEPARTMENT OF THE INTERIOR  
Geological Survey

Form 9-275-D  
(Jan. 1988)

WATER RESOURCES DIVISION

Date Dec 11, 19 94

MISCELLANEOUS FIELD NOTES Doc Simmons

little big  
12:05 0.09 0.09 flume frozen up - half hearted attempt  
12:15 0.1 0.095 " " @ clearing  
0.2°C, 87.4 Conduct, pH = 6.03

Time	little	big	Temp	Conduct	pH
12:30	0.08	0.08	0.2°C 88.2		4.36
12:45	0.07	0.06	flume cleared 0.4°C 89.7		pH 5.94
13:00	0.07	0.07	0.4°C 91.0		7.36
13:15	0.08	0.07	0.2° 92.1		5.80
13:30	0.09	0.08	0.3° 75.6		7.54
13:45	0.1	0.08	0.9° 75.8		7.68
14:00	0.1	0.08	1.1° 76.1		7.6
14:15	0.1	0.075	2.2° 76.7		7.65
14:30	0.1	0.075	3.5° 77.2 (43.1)		7.46
14:45	0.1	0.07	2.6 moved probe 76.9 (42.9)		7.48
15:00	0.1	0.06	0.6 (sediment) 75.7 (42.1)		7.41
15:15	0.105	0.065	4.7 75.7 (42.5)		7.52
15:30	0.115	0.65	4.7 105.9 (68.0)		7.58
15:45	0.12	0.65	5.4 107.2 (69.4)		7.64
16:00	0.12	0.65	5.1 109.1 (69.5)		7.91
16:15	0.13	0.65	5.4 109.1 (70.2)		7.85
16:30	0.135	0.7	5.6 109.8 (71.0)		7.93
16:45	0.145	0.7	5.5 95.6 (60.0)		7.92 bubbles!
17:00	0.16	0.8	5.6 92.3 (58.1)		7.75 dropped temp!

No. 1 of 3 sheets

7/1 - a lot of input from snow pack not measured by little probe

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Time	little	big	Temp	Conduct	pH
17:15	0.19	0.08	4.4	86.4 (52.7)	7.61 moved little flume
17:30	0.19	0.08	4.1	84.2 (51.7)	7.60
17:45	0.19	0.08	4.5	85.1 (52.4)	7.82
18:00	0.195	0.08	1.9	83.7 (48.0)	7.75 (shaded now)
18:15	0.19	0.08	0.9	83.2 (46.4)	7.78
18:30	0.18	0.07	0.4	83.2 (45.8)	7.69
18:45	0.16	0.065	0.2	82.8 (45.4)	7.68
19:00	0.16	0.06	1.9	83.6 (47.7)	7.98 (sunny)
19:15	0.16	0.06	3.6	83.1 (49.6)	7.80
19:30	0.16	0.06	3.9	83.1 (50.2)	7.63
19:45	0.17	0.06	4.3	82.1 (50.0)	7.79 dinner
20:15	0.23	0.08	3.9	73.6 (44.5)	7.86
20:30	0.245	0.095	3.4	69.0 (41.4)	7.43
20:45	0.255	0.1	3.1	64.9 (38.5)	7.63
21:00	0.26	0.1	3.0	60.1 (35.4)	7.31
21:15	0.27	0.1	2.6	47.7 (27.8)	7.44
21:30	0.27	0.1	2.3	48.9 (28.4)	7.33
21:45	0.28	0.1	2.2	40.5	7.33
22:00	0.28	0.105	2.0	40.6	7.42
22:15	0.295	0.11	2.0	40.7	7.32
22:30	0.3	0.11	1.9	40.8	7.34
22:45	0.31	0.12	1.7	39.7	7.23
23:00	0.315	0.12	1.2	39.5	7.23 Harry brings back temp probe

No. 2 of 3 sheets



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*Doc Simmons*

MISCELLANEOUS FIELD NOTES

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	Wt. kg	Temp	Cond	PH	
23:15	0.315	0.12	0.9	40.0	7.43
23:30	0.315	0.12	0.8	40.4	7.25
23:45	0.315	0.12	0.8	40.8	7.27
0:00	0.315	0.12	1.4	41.2	7.26
0:15	0.315	0.12	1.9	40.2	7.27
0:45	0.32	0.12	2.7	40.8	7.27
1:00	0.325	0.12			
1:15	0.33	0.13			
1:30	0.33	0.13			

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MISCELLANEOUS FIELD NOTES

*Simmons Creek*

*visited site @ 2255.*

*Flume flowing free, clean probes,  
orifice bubbling.*

	CRD	Field
Stage	4.7	1.12
WT	1.8	1.2
SC	43.5	39.5
PH		7.23

*Tried purge, Line appears to be partially  
frozen still.*