

9-275-F
(Apr. 93)

U.S. Department of the Interior
U.S. Geological Survey

Meas. No. 31

Comp. by G

Water Resources Division

Sta. No 1 **DISCHARGE MEASUREMENT NOTES**

Checked by _____

Date Dec 20, 2001 Party CS, LT
Width 15.7 Area 4.18 Vel. 1.63 G.H. _____ Disch. 6.82
Method wadway No. Sec. 24 G.H. Change 0 in 0.5 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

[illegible]

No. (Yes) Time. 15:40
Samples Collected
 No. (Yes) Time.
Method Used
 EDI. EWI. Other.

SEDIMENT SAMPLES

No..... Yes..... Time..... 15:40
Method Used
 EDI..... EWI..... Other.....

	Weighted MGH	GH correction	Correct MGH
0.0000	0.0000	0.0000	0.0000
0.0001	0.0001	0.0001	0.0001
0.0002	0.0002	0.0002	0.0002
0.0003	0.0003	0.0003	0.0003
0.0004	0.0004	0.0004	0.0004
0.0005	0.0005	0.0005	0.0005
0.0006	0.0006	0.0006	0.0006
0.0007	0.0007	0.0007	0.0007
0.0008	0.0008	0.0008	0.0008
0.0009	0.0009	0.0009	0.0009
0.0010	0.0010	0.0010	0.0010
0.0011	0.0011	0.0011	0.0011
0.0012	0.0012	0.0012	0.0012
0.0013	0.0013	0.0013	0.0013
0.0014	0.0014	0.0014	0.0014
0.0015	0.0015	0.0015	0.0015
0.0016	0.0016	0.0016	0.0016
0.0017	0.0017	0.0017	0.0017
0.0018	0.0018	0.0018	0.0018
0.0019	0.0019	0.0019	0.0019
0.0020	0.0020	0.0020	0.0020
0.0021	0.0021	0.0021	0.0021
0.0022	0.0022	0.0022	0.0022
0.0023	0.0023	0.0023	0.0023
0.0024	0.0024	0.0024	0.0024
0.0025	0.0025	0.0025	0.0025
0.0026	0.0026	0.0026	0.0026
0.0027	0.0027	0.0027	0.0027
0.0028	0.0028	0.0028	0.0028
0.0029	0.0029	0.0029	0.0029
0.0030	0.0030	0.0030	0.0030
0.0031	0.0031	0.0031	0.0031
0.0032	0.0032	0.0032	0.0032
0.0033	0.0033	0.0033	0.0033
0.0034	0.0034	0.0034	0.0034
0.0035	0.0035	0.0035	0.0035
0.0036	0.0036	0.0036	0.0036
0.0037	0.0037	0.0037	0.0037
0.0038	0.0038	0.0038	0.0038
0.0039	0.0039	0.0039	0.0039
0.0040	0.0040	0.0040	0.0040
0.0041	0.0041	0.0041	0.0041
0.0042	0.0042	0.0042	0.0042
0.0043	0.0043	0.0043	0.0043
0.0044	0.0044	0.0044	0.0044
0.0045	0.0045	0.0045	0.0045
0.0046	0.0046	0.0046	0.0046
0.0047	0.0047	0.0047	0.0047
0.0048	0.0048	0.0048	0.0048
0.0049	0.0049	0.0049	0.0049
0.0050	0.0050	0.0050	0.0050
0.0051	0.0051	0.0051	0.0051
0.0052	0.0052	0.0052	0.0052
0.0053	0.0053	0.0053	0.0053
0.0054	0.0054	0.0054	0.0054
0.0055	0.0055	0.0055	0.0055
0.0056	0.0056	0.0056	0.0056
0.0057	0.0057	0.0057	0.0057
0.0058	0.0058	0.0058	0.0058
0.0059	0.0059	0.0059	0.0059
0.0060	0.0060	0.0060	0.0060
0.0061	0.0061	0.0061	0.0061
0.0062	0.0062	0.0062	0.0062
0.0063	0.0063	0.0063	0.0063
0.0064	0.0064	0.0064	0.0064
0.0065	0.0065	0.0065	0.0065
0.0066	0.0066	0.0066	0.0066
0.0067	0.0067	0.0067	0.0067
0.0068	0.0068	0.0068	0.0068
0.0069	0.0069	0.0069	0.0069
0.0070	0.0070	0.0070	0.0070
0.0071	0.0071	0.0071	0.0071
0.0072	0.0072	0.0072	0.0072
0.0073	0.0073		

BIOLOGICAL SAMPLES

Yes.....Time.....
 No.....Type.....

Check bar, chain found _____ changed to _____ at _____

Wading, cable, ice, boat, upstr., downstr., side bridge 100' feet, mile, above, below gage.

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

Flow wide x-section, turbulent flow

Cross section

Control clear

Gage operating _____ Weather *IN ARM. SUNNY, BREEZY*

Intake/Orifice cleaned _____ Air _____ °C @ _____ Water 8.58 °C @ 15.00

Record removed _____ Extreme Indicator: Max _____ Min _____

N₂ Pressure Tank 1550 PSI Feed 10 PSI Bbl rate _____ per min. Batt volt 13.67

CSG checked _____ Stick reading _____

Observer

HWM _____ outside, in well.

Remarks $C_a = 110$ and $C @ 1505$

SC = 160 g

G.H. of zero flow _____ ft.

Sheet No. _____ of _____ sheets.

[illegible]