

9-275-F
(Apr. 93)

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Meas. No.

Comp. by NRM

WATER RESOURCES DIVISION

Sta. No. Onyx @ LW DISCHARGE MEASUREMENT NOTES Checked by

Date 12-13, 2007 Party AMS, NRM, SFD

Width 14.9 Area 5.74 ft² Vel. 701 ft/G.H. Disch. 4.12 cfs

Method No. secs. G.H. change in hrs. Susp.

Method coef. Hor. angle coef. Susp. coef. Meter No.

Type of meter PKM 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 |
| 902 | 1.526 | | 0.262m | | X | 908 |
| 1014 | 1.502 | | 0.261m | | X | T=2.42 |
| | | | | Samples Collected <u>PH-10</u> <u>19.545</u> Method Used EDI EWI Other <u>Dip</u> | | |
| | | | | SEDIMENT SAMPLES No Yes Time Method Used EDI EWI Other | | |
| Weighted M.G.H. G.H. correction Correct M.G.H. | | | | BIOLOGICAL SAMPLES Yes Time No Type | | |

Check bar. chain found changed to at

Wading cable, ice, boat, upstr., downstr., side bridge 35 feet, mile, above, below gage.

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

Flow Steady, turbulent

Cross section rocky

Control slt backwater from ice & snow

Gage operating yes Weather Sunny, slt dv breeze

Intake/Orifice cleaned No Air 4 °C@ 9:24 Water 7.4 °C@ 908

Record removed Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank 1750 Feed 4 Bbl rate per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks *6 @ 9:03 WT 1.071 BV-13.15V

SC 27.855

Ran levels AT 2.482 Nats filtered onsite

G. H. of zero flow ft. Sheet No. of sheets

