

9-275-F
(Rev. 10-81)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No. 17
Comp. by PRW

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

F7, Harnish Creek JD: 365

Date Dec 30, 2008 Party P. R. Wright

Width 4.199 Area 1.020 Vel. 1.581 G. H. Disch. 1.612

Method No. secs. 13 G. H. change. in hrs. Susp. Red

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

Type of meter Flow Tracker Date rated Tag checked -

Meter ft. above bottom of wt. Spin before meas. NA after

Meas. plots. % diff. from. rating. Levels obtained.

| GAGE READINGS | | | | | WATER QUALITY MEASUREMENTS | | |
|------------------|-------------------------------------------|-----|---------|---------|----------------------------|--------|------------------|
| Time | Inside | ADR | Graphic | Outside | No | Yes | Time |
| 1048 | 5.725 | | | 1.33 | → 5.83 | | |
| | | | | | Samples Collected | | |
| | | | | | No | Yes. ✓ | Time <u>1145</u> |
| | | | | | Method Used | | |
| | | | | | EDI | EWI | Other |
| 1105 | <u>Purged line after clearing orifice</u> | | | | | | |
| 1145 | 5.737 | | | 1.23 | → 5.93 | | |
| | | | | | SEDIMENT SAMPLES | | |
| | | | | | No ✓ | Yes | Time |
| | | | | | Method Used | | |
| | | | | | EDI | EWI | Other |
| Weighted M.G.H. | | | | | BIOLOGICAL SAMPLES | | |
| G. H. correction | | | | | Yes | | Time |
| Correct M.G.H. | | | | | No ✓ | | Type |

Check bar. chain found changed to control at

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

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

Flow. Clear, uniform

Cross section fairly uniform on control, boulder sheeting

Control Clear, in good shape

Gage operating Weather Clear, warm, very windy!

Intake/Orifice cleaned Yes. Air 12.3 °C@ Water 6.95 °C@

Record removed Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank 1600 Feed 12 psi Bbl rate 52 per min.

CSG checked Stick reading

Observer NA

HWM None outside, in well

Remarks 01: 5.73, 02: 6.95, 03: 185.8, 04: 12.26, 05: 13.28

Inside/outside difference, orifice is buried, try to clear

6.14
7.14
1.33
5.81

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