

7 day
341

Samples collected: water quality,
sediment, biological, other _____

Measurements documented on separate sheets: water quality, aux./base gage, other

Rain gage serviced/calibrated _____

Weather: _____

Air Temp. _____ °C at _____

Water Temp. _____ °C at _____

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, _____ ft., mi. upstr., downstr. of gage.

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

conditions: Flow:

Cross section: _____

Gage operating: _____ Record Removed _____

Battery voltage: 13.2, 13.2 Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank 2200, Line 10: Bubble-rate /min.

Extreme-GH indicators: max _____, min _____.

CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____

HWM inside/outside: _____

Control: Orifice line + entire front half of weir encased in anchor ice
(frozen to bottom)

Remarks: N2 tank had frozen valve - broke valve trying to open it,
installed new N2 tank

GH of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____

Sheet No. _____ of _____ sheets

FROZEN =
ORIFICE LINE

H1 - Andersen

12/9/02

John
Karen

changed scan rate to 900 sec

Notes:

Yes flow

Water
Outside rdg = 0.47 ft in flume
13:45 AM 0.40 ft
0.07 ft

ice +
water level
ice
level
water
level

Ch 1 3.5 when arrived 2.1 stage
Ch 2 11.0°C air temp
Ch 3 - 0.42°C wtr temp
Ch 4 - 13.2 sp. cond
Ch 5 - 13.5 V battery plus

Old
N₂ tank had valve frozen shut

Tried to monkey wrench it

Broke valve

Replaced w/ new N₂ tank - 2700 psi
Regulator to 10 psi
Conoflow opened

Battery #1 13.2V
Battery #2 13.2V

Visual
Flow estimate 1-2 cfs @ 13:00

Water level rdgs seem high
but orifice line + entire front
half of weir encased in
anchorage (frozen to bottom)

Stage module address is 1

fill tank
battery plus or
has 1 frog

checked stage module settings
*Ø

Tulcan Day: 341

To do Next time

Monitor flow to see if rdgs make more
sense when orifice line not encased
in ice

Fix N₂ tank retainer strap
- bringing cord