

U. S. DEPARTMENT OF THE INTERIOR
 Geological Survey
 WATER RESOURCES DIVISION

Form 9-276
 (July 1967)

STATION NUMBER

LEVEL NOTES Site Visit

STREAM Lawson Creek

LOCALITY

PARTY duc, jcd, clj

DATE 10 Dec 2012, 19

STATION	B. S.	HT. INST.	F. S.	ELEVATION	REMARKS
					• Flowing
					• CR10x initially unresponsive, upon querying, no program is loaded
					• Disconnected from power, reconnected to load program @ 1200
#6@	1204			OG	
stage	7.41 - 7.51			TD = 0.50	7.80 - 0.50 = 7.30
WT	1.8				
SC	-4.3				
AT	12.6				
Bv	13.1 - 15.2 ?				
					• Disconnected PV array, lost all power!!
					! Batteries had broken terminals, swapped to good terminal!
					• offset changed to 0.00 @ 1218 & system purged
#6@	1218			TD = 0.50	→ 7.80 - 0.50 = 7.30 OG
stage	7.75 ± 0.05				
					• offset changed to 0.00 @ 1231
#6@	1231				RP = 7.80'
stage	1.54 ± 0.05				- 0.50 - 1.54 ----- 4.76
					- over -

• Orifice line cut e ~ 1245, reset at ~1301

#6@ 13.01

OG

stage: 0.73 average

TD = 0.50

0.709

.71

WT : 2.1

2.2

.725

.73

SC : 18.8

27.8

.735

.74

AT : 12.3

.706

.71

Bv : 12.8

.719

.72

.717

.72

.726

.73

.717

.72

.738

.74

.744

.74

.744

.74

.736

.74

.742

.74

∴ RP = 7.80

TD = 0.50

7 = 7.30

SG = 0.73

6.57 = new offset
in program

#6@ 1309

stage: 7.30 ± 0.03

OG = 7.30!

• program loaded to SM

• #2@ 2100

U.S. DEPARTMENT OF THE INTERIOR

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WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT AND
GAGE INSPECTION NOTES

Meas. No. _____

Comp. by DU

Checked by _____

Sta. No. _____

Sta. Name LAWSON CREEK B3

Date 10 Dec, 2012 Party doc, jed, clj

Width 12.0 Area 2.180 Vel. 2.42 G. H. _____ Disch. 5.268

Method FlowTrak No. secs. _____ G. H. change _____ in _____ hrs.

Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____

Meter Type _____ Meter No. _____ Meter _____ ft. above bottom of wt.

Rating used _____ Spin test before meas. _____ ; after _____

Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS

Time					Inside	Outside
<u>1400</u>	Start				<u>7.26 ± 0.03</u>	<u>TD = 0.60</u>
<u>1440</u>	Finish				<u>7.16 ± 0.03</u>	<u>TD = 0.60</u>
Weighted MGH						
GH correction						
Correct MGH						

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: _____ Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank _____, Line _____; Bubble-rate _____ /min

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: _____

Remarks: Flow TRAKER USED TO MEASURE Q

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

Sheet No. _____ of _____ sheet