Form 9-275F
(Apr. 2001)

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT AND GAGE INSPECTION NOTES

Meas. No. _____
Comp. by _____
Checked by _____

Sta. No. _____
Sta. Name B3 - Lawson
Date Jan 13, 2003 Party JG, EVM, JB, LH (doing algae transect) arrive @ 16:45
Width _____ Area _____ Vel. _____ G.H. _____ Disch. _____
Method _____ 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	Tdown				Inside	Outside
		ft					
①	16:45	1.30				√6.28	6.485
	16:55	Start				√6.28	
②	17:00	1.31					6.475
	17:05	Finish					
③	17:10	1.315					6.470
	Weighted MGH						
	GH correction						
	Correct MGH						

Samples collected: water quality, taken by algae opr @ 17:15
sediment, biological, other _____
Measurements documented on separate sheets: water quality, aux./base gage, other _____
Rain gage serviced/calibrated ____
Weather: 40% CC - cumulus; wind = 5-10 from east
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: OK
Bubble-gage pressure, psi: Tank 1700, Line 10; Bubble-rate ~60 /min.
Extreme-GH indicators: max _____, min _____.
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: _____

Remarks: _____

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

Sheet No. _____ of _____ sheets

Pygmy by Erin
where is this?

Time 16:57 → 16:58

No end of season elevations → top of rebar elevation from 12/12/02 levels = 7.777 ft

① Tapedown @ 16:45 = 1.30 ft → 7.785 - 1.30 = 6.485 ft
② Tapedown @ 17:00 = 1.31 ft → 7.785 - 1.31 = 6.475 ft
③ Tapedown @ 17:10 = 1.315 ft → 7.785 - 1.315 = 6.470 ft

13 Jan 2003 LAWSON

JG EVM, JB, LH doing algae transect

WX: CC: 40% cumulos

wind = 5-10 from East

arrive ? 16:45

Discharge	16:45	1700	1710
Tape Down	1.3 feet	1.31	1.315

Q (pygmy) done by EVM between 1655 and 1705

control - looks o.k., no noticeable change

CR10 ch1 6.28 @1655

2 - 994

3 0.0

4 13.441

Conoflow - OK bubble rate ~60 per sec

settings o.k

changed time ahead 1 min 1657-1658

water Samples taken by Algal ODPS

purge o.k.

pressure = 1700 / 10 psi