

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. F5 Aiken @ 1550
 Sta. Name _____
 Date 12 Dec, 20 13 Party AS AM SWC
 Width _____ Area _____ Vel. _____ G. H. _____ Disch. 0.286
 Method _____ No. secs. _____ G. H. change _____ in _____ hrs.
 Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
 Meter Type Baski 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
		1552	WT 8.16	7.8
Start			5c 128.8	134.6
			stage 3.46	1.8470
	No Baski @ F5 !!!			
	056 - 10.7 (FS)			
Finish				0.286 cfs
Weighted MGH		1755	baski = 0.26	miss 5-10%
GH correction			stage	1.83570
Correct MGH				

Samples collected: water quality, sediment, biological, other _____
w2 @ 1600
 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 _____
 GH checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
 Control: Ran levels, replaced empty N₂ earlier this morning

Remarks: Flow began this morning around Noonish ???
6 @ 1600 1) 3.49 2) 8.14 3) 128.7 4) 3.53 5) 14.1
 of zero flow = GH _____ - depth at control _____ = _____ ft., rated pH 7.58
 U.S. GOVERNMENT PRINTING OFFICE: 2007-637-026 Sheet No. _____ of _____ sheets

Date 12 Dec 13

12:00

MISCELLANEOUS FIELD NOTES

Arken stream

- changed N₂ tank to a new one 12:10
- teflon tape the right way
- flow through the control but not all the way to the lake
- checked tank for leaks

No. _____ of _____ sheets