

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

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

Sta. No. _____
Sta. Name Adams
Date 14 Dec, 20 13 Party SWC, AS, AQM
Width _____ Area _____ Vel. _____ G. H. _____
Method Flowtrack No. secs. _____ G. H. change _____ Disch. 2.904
Method coef. _____ Horiz. angle coef. _____ in _____ hrs.
Meter Type _____ Meter No. _____ Susp. _____ Tags checked _____
Rating used _____ Spin test before meas. _____ ft. above bottom of wt.
Meas. plots _____ % diff. from rating no. _____ ; after _____
Indicated shift _____

GAGE READINGS

Time	2nd Q			Inside	Outside
13:20	Start		st	1.61	1.32
13:35	Start		Wtemp	4.41°	4.40°
			SC temp	54.4	56.4
14:10			st	1.65	1.21
			Wtemp	4.52°	4.6°
14:42	Finish		SC temp	50.18	53.24
			st	4.41°	
Weighted MGH		1445	st	1.62	1.18
GH correction			VT	4.55°	4.6°
Correct MGH			SC	47.3	51.0
			st	4.43	

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

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

Rain gage serviced/calibrated _____

Weather: Sunny, slight wind

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: 2.9 cfs @ 13:25, @ 14:15
Cross section: 4 ft
3.29 cfs @ 1445

Gage operating: _____
Battery voltage: _____ Record Removed _____
Bubble-gage pressure, psi: Tank _____ Intake/Orifice cleaned/purged: _____
Extreme-GH indicators: max _____, Line _____; Bubble-rate _____ /min.
G checked: _____, min _____
HWM height on stick _____ Ref. elev. _____ HWM elev. _____
/M inside/outside: _____
Control: _____

Remarks: Flowtrack: AD2 14 DEC
of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____
U.S. GOVERNMENT PRINTING OFFICE: 2007-657-026 Sheet No. _____ of _____ sheets