

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 Santa Fe Stream
Date 12-27, 20 10 Party clj, cbr
Width 43.5 Area 15.05 Vel. - G. H. _____ Disch. 43.6
Method 0.6 No. secs. _____ G. H. change _____ in _____ hrs.
Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
Meter Type ADV 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		WTm	Cm	Inside Outside
Start		<u>0.6</u>	<u>66.2</u>	
Finish		<u>pH: 8.29</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 _____

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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, 15 ft. mi. upstr., downstr. of gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: _____

Cross section: 2 channels

Gage operating: no 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: Q1: 10.1 cfs, 12 stn, V 2.7, Bfb 3.75 ft²
Q2: 33.5 cfs, 26 stn, V 3.0, 30.5 ft², 11.5 ft²

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

