

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. B2
Sta. Name Santa Fe
Date 6 Jan, 20 14 Party AS, SWC, AH
Width _____ Area _____ Vel. _____ G. H. _____ Disch. 11.85 cfs
Method Flowtrack 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	
@ 11:05				0.8'	
Start				24.5'	
	Basin 20% of total flow		0.48 at		
			~95%		
	Flowtraces the rest of				
	the flow				
Finish	finished @ 11:20				
			10.8 cfs		
Weighted MGH					
GH correction					
Correct MGH					

Samples collected: water quality,
sediment, biological, other _____
11:00

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

Rain gage serviced/calibrated _____

Weather: partly cloudy
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: _____
Battery voltage: _____ Record Removed _____
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: 2 tank: SANTA FE 10.875 Basin: 0.48 → 0.775 cfs 11.85 cfs
Control: _____

Remarks: 5% of flow is subglacial and could
not be measured
of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____
pH 8.45
U.S. GOVERNMENT PRINTING OFFICE: 2007-657-026 Sheet No. _____ of _____ sheets