

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No.
Comp. by *MJB*

WATER RESOURCES DIVISION

Sta. No. *B2* DISCHARGE MEASUREMENT NOTES Checked by *Sontek*

Santa Fe stream

Date *12.02.2002* Party *MJB, PAM*

Width *4.60* Area *0.743* Vel. *0.547* G. H. Disch. *0.428*

Method *4* No. secs. *13* G. H. change. in hrs. Susp.

Method coef. *1.0* Hor. angle coef. *valid* Susp. coef. *1.0* Meter No. *P2151*

Type of meter *Sontek* Date rated Tag checked

Meter ft. above bottom of wt. Spin before meas. *ADV* after

Meas. plots. % diff. from. rating. Levels obtained.

GAGE READINGS

WATER QUALITY MEASUREMENTS

Time	Inside	ADR	Graphic	Outside	No	Yes	Time
						<input checked="" type="checkbox"/>	<i>13:30</i>
						<input checked="" type="checkbox"/>	<i>pH = 8.293</i>
						<input checked="" type="checkbox"/>	<i>SC =</i>
						<input checked="" type="checkbox"/>	<i>Method Used 61P</i>
					EDI	EWI	Other
					<u>SEDIMENT SAMPLES</u>		
					No	Yes	Time
						<input checked="" type="checkbox"/>	
						<input checked="" type="checkbox"/>	<i>Method Used</i>
					EDI	EWI	Other
					<u>BIOLOGICAL SAMPLES</u>		
					Yes		Time
					No	<input checked="" type="checkbox"/>	Type

Check bar, chain found changed to at

Wading, cable, ice, boat, upstr., downstr., side bridge. feet, mile, above, below gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:

Flow *edge sm. eddy otherwise even*

Cross section *sand*

Control

Gage operating Weather *mostly clear sun*

Intake/Orifice cleaned Air *5 °C @ 13:38* Water *4 °C @ 13:33*

Record removed Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank Feed Bbl rate per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks *start measurement @ 13:40*

SC = 347.7 @ 20:55, 8.8 °C

G.H. of zero flow ft. Sheet No. of sheets