

9-275-F
(Rev. 10-81)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No.
Comp. by. CHW

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

50.5 21, Commonwealth Stream
Date Jan 5, 192009 Party C.H. Wilson, P.R. Wright
Width 28.3 Area 11.610 Vel. 1.49 G.H. Disch. 17.326
Method .6 No. secs. G.H. change. in hrs. Susp. Red
Method coef. .1 Hor. angle coef. .1 Susp. coef. .7 Meter No. P2151
Type of meter Flow Tracker Date rated Tag checked
Meter --- ft. above bottom of wt. Spin before meas. NA after ---
Meas. plots. % diff. from. rating. Levels obtained.

GAGE READINGS					WATER QUALITY MEASUREMENTS	
Time		Inside	ADR	Graphic	Outside	No. Yes. ☒ Time <u>14.15</u>
<u>1448</u>		<u>2.15</u>			<u>1.75</u>	<u>Top of H.T.S.</u> <u>1st Febar</u> Samples Collected No. Yes. ☒ Time <u>14.15</u>
						Method Used
						EDI EWI Other.
<u>1552</u>		<u>2.17</u>			<u>1.75</u>	<u>0.2</u> SEDIMENT SAMPLES
						No. ☒ Yes. Time
						Method Used
						EDI EWI Other.
Weighted M.G.H.						BIOLOGICAL SAMPLES
G. H. correction						Yes. Time
Correct M.G.H.						No. ☒ Type

Check bar, chain found changed to at

Wading, cable, ice, boat, upstr. downstr., side bridge. 150 feet, mile, above, below gage.

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

Flow ... Unif. & steady, very little turbidity

Cross section Sand, gravel, Cobble bottom

Control Natural gage control, mostly good slope, few leaks on left

Gage operating yes Weather P. Cloudy, H. wind, cool

Intake/Orifice cleaned yes Air 9.5 °C@ Water 3.0 °C@

Record removed No Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank 1680 Feed 12 Bbl rate 37 changed to 56 per min.

CSG checked NA Stick reading NA

Observer NA

HWM NA outside, in well

Remarks WT: 3.0, SC: 29.1, Air temp: 9.5, Batter Voltage: 12.9

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