Form 9-275G
(Sep. 2000)

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 _____

inside/out from Bohner gage

Sta. No. _____

Sta. Name Prisch Stream

Date 10 Dec , 2012 Party ANW, TK

Width _____ Area _____ Vel. _____ G. H. _____ Disch. 3.12

Method pygmy 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
1325					1.208	0.71
					TD=	3.31'
1345	Start					
• Sediment		likely			piled	on
Bohner		orifice		since	visit.	
1403	Finish					
1415					1.24	0.71
Weighted MGH					TD=	3.31'
GH correction						
Correct MGH						

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

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

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, _____ ft., mi. upstr., downstr. of gage. trib

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following

conditions: Flow: _____

Cross section : Downstream ~100 m from Bohner tributary

Gage operating: _____ 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: Prisch Q measured US and DS of Bohner trib. Bohner Q inferred by diff

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

Sheet No. _____ of _____ sheet

.0 .10 .20 .30 .40 .50 .60 .70 .75

River at -

ANGLE COEF-FICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVA-TION DEPTH	REVO-LUTIONS	TIME IN SEC-ONDS	VELOCITY AT POINT	VELOCITY MEAN INVER-TICAL	ADJUSTED FOR HOR. ANGLE OR	AREA	DISCHARGE	.80
	LEW	@			1345							
	3.2	0	0		0	40						.85
	3.6	0.4	0.15		20	40						
	4.0	0.4	0.2		47	40						
	4.2	0.2	0.25		54	40						.90
	4.4	0.2	0.32		43	40						.92
	4.6	0.2	0.35		82	40						
	4.8	0.2	0.45		95	40						.94
	5.0	0.2	0.45		100	40						.96
	5.2	0.2	0.45		89	40						.97
	5.4	0.2	0.45		84	40						.98
	5.6	0.2	0.4		109	40						.99
	5.8	0.2	0.4		107	40						
	6.0	0.2	0.4		98	40						
⊙	6.2	0.2	0.38		82	40						1.00
	6.4	0.2	0.4		76	40						
	6.6	0.2	0.35		66	40						
	7.0	0.4	0.3		53	40						.99
	7.4	0.4	0.3		46	40						.98
	7.8	0.4	0.2		33	40						.97
	8.5	0.7	0.6		0	0						.96
		REW	@		1403							.94
												.92
												.90
												.85
												.80

.0 .10 .20 .30 .40 .50 .60 .70 .75