

**U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT AND
GAGE INSPECTION NOTES**

Meas. No. 59
Comp. by ESB
Checked by _____

Sta. No. _____
Sta. Name F10 Delta
Date Jan. 21, 20 10 Party Ed Blaszczyk / BA Monday
Width _____ Area _____ Vel. _____ G. H. _____ Disch. 0.22
Method _____ No. secs. _____ G. H. change _____ in _____ hrs.
Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
Meter Type Baski 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						<u>Baski</u>	Type ↓
Time	AT	SC	WT	Stage	Inside	Outside	
1335	5.30	62.2	7.96	4.38		-1.25	<u>(A) 1330</u>
1345	<u>Purge / Remove Sediment</u>			4.30		-1.25	
	Start					4.35	
13:55					0.23		
14:00	4.90	62.5	8.19	7.29		-1.25	<u>(A) 1330</u>
	Finish						
Weighted MGH							
GH correction							
Correct MGH							

Samples collected: water quality,
sediment, biological, other _____
(A) 1330
Measurements documented on
separate sheets: water quality,
aux./base gage, other _____
(A) 1330
Rain gage serviced/calibrated _____
Weather: Clear / Breezy
Air Temp. 4 °C at 14.02
Water Temp: 7.9 °C at 13.35
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: stable
Cross section: cobbles, rock, gravel

Gage operating: Yes Record Removed Yes
Battery voltage: 124 Intake/Orifice cleaned/purged: Yes
Bubble-gage pressure, psi: Tank 500, Line 14; Bubble-rate _____ /min.
Extreme-GH indicators: max _____, min _____
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: Clear

Remarks: SC = 117.3 @ 7.9°C @ 1335 → from YSE
@ H = 7.99 @ 1335
GH of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____