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 JCK

Checked by _____

Sta. No. HI Andersen

Sta. Name _____

Date 10 Dec, 2010 Party SVC JCK CBR

Width 11.0 Area 3.226 Vel. 2.74 G. H. _____ Disch. 8.842

Method _____ No. secs. 29 G. H. change _____ in _____ hrs.

Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____

Meter Type Price AA 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
			stg	1332	2.136	1.14 SG
			WT	1333	4.84	1.5
	Start		SC	1333	20.8	~~-26.3~~
1438						1.38
1457					2.40	1.41
	Finish					
Weighted MGH						
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 _____

pH: 7.11

Weather: _____

Air Temp. SC: 20.8 °C at 1333

Water Temp: 1.5 °C at 1333

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 15 ft., mi. upstr., downstr. of gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: flowing over overflow very fast! Some ice chunks

Cross section : cobbly.

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: cleared of ice @ 1333

Rod levels @ 1345 ~7 in main flow

Remarks: Probes were out of gauge pool. Placed back in @ 1333 BV

*6 @ 1334 1) 2.179 stg 2) 4.84 WT 3) -26.3 SC 4) 14.2 AT 5) 12.7

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

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Sheet No. _____ of _____ sheets

.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
REV	8.5	0.85	0					+0.0	312	18/6	.5 .4
1354	10.2	1.0	0.2		70	41	1.67			0.200	0.334 .85
	10.5	0.3	0.2		70	46	1.49			0.060	0.090
	10.8	0.3	0.25		100	35	2.74			0.075	0.206
	11.1	0.3	0.32		70	43	1.56			0.096	0.150 .90
	11.4	0.3	0.51		100	27	3.56			0.153	0.544 .92
	11.7	0.3	0.45		100	47	2.07			0.135	0.279
	12.0	0.3	0.4		100	57	1.72			0.120	0.206 .94
	12.3	0.3	0.45		100	30	3.20			0.135	0.432 .96
	12.6	0.3	0.5		100	36	2.67			0.150	0.400 .97
	12.9	0.3	0.44		100	40	2.43			0.132	0.321 .98
	13.2	0.3	0.38		100	29	3.34			0.114	0.381 .99
	13.5	0.3	0.4		150	37	3.92			0.120	0.471
	13.8	0.3	0.42		150	41	3.54			0.126	0.446
⊙	14.1	0.3	0.42		100	44	2.21			0.126	0.278 1.00
	14.4	0.3	0.49		100	32	3.03			0.157	0.476
	14.7	0.3	0.40		150	40	3.63			0.120	0.436
1.38	15.0	0.35	0.40		150	34	4.27			0.140	0.598 .99
	15.4	0.35	0.28		150	52	2.80			0.098	0.274 .98
	15.7	0.30	0.30		150	49	2.97			0.090	0.274 .97
	16.0	0.30	0.30		150	37	3.92			0.090	0.353 .96
	16.3	0.3	0.37		150	45	3.23			0.111	0.359
	16.6	0.3	0.35		150	57	2.56			0.105	0.269 .94
	16.9	0.3	0.35		150	52	2.80			0.105	0.294 .92
	17.2	0.3	0.35		150	54	2.70			0.105	0.284 .90
	17.5	0.3	0.28		60	41	1.44			0.084	0.121
	17.8	0.3	0.25		100	55	1.78			0.075	0.134
	18.1	0.3	0.24		100	51	1.91			0.072	0.138 .85
	18.4	0.3	0.20		150	50	2.91			0.060	0.175
	18.7	0.55	0.15		60	41	1.44			0.082	0.119
											.80
LEW 14.5	19.5	0.40						2.74		3.226	8.842

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