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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Meas. No. 92

Comp. by. SLD

Sta. No. F3

DISCHARGE MEASUREMENT NOTES

Checked by MSB

Lost Seal Stem

Date Dec 3, ~~19~~ 2009 Party SLD / MSB

Width ..... Area ..... Vel. ..... G. H. ..... Disch. 0.264

Method ..... No. secs. ..... G. H. change ..... in ..... hrs. Susp. —

Method coef. 1.0 Hor. angle coef. 1.0 Susp. coef. 1.0 Meter No. —

Type of meter Baski Date rated ..... Tag checked .....

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

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

GAGE READINGS

Time	Baski	Inside	ADR	Graphic	Outside
1150		1.315			.24
1200					
1205	.225	1.299			.23
Weighted M.G.H.					
G. H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

No ..... Yes ..... Time .....

Samples Collected

No ..... Yes ..... Time .....

Method Used

EDI ..... EWI ..... Other .....

SEDIMENT SAMPLES

No ..... Yes ..... Time .....

Method Used

EDI ..... EWI ..... Other .....

BIOLOGICAL SAMPLES

Yes ..... Time .....

No ..... Type .....

Check bar. chain found ..... changed to ..... at .....

Wading, cable, ice, boat, upstr., downstr., side bridge, 80 feet, mile, above, below gage.

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

Flow .....

Cross section gravel / cobble

Control over topping loss point in control (not overflow) - some ice

Gage operating Yes Weather sunny / windy / clear

Intake/Orifice cleaned ..... Air ..... °C@ ..... Water ..... °C@ .....

Record removed ..... Extreme Indicator: Max. ..... Min. .....

Manometer N_2 Pressure Tank 1900 Feed 14 Bbl rate ..... per min.

CSG checked ..... Stick reading .....

Observer .....

HWM ..... outside, in well

Remarks #6 @ 1150 ① 1.3147 ② 6.25 ③ 5.52 ④ 13.51 ⑧⑧ 57.43

Reconstructing control - see back

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

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

River at—

Angle coefficient	Dist. from initial point	Width	Depth	Observation depth	Revolutions	Time in seconds	VELOCITY: At point	VELOCITY: Mean in vertical	Adjusted for hor. angle or ----------	Area	Discharge
			Time = 1224 - Diverted all flow to flume								
			OG = .26								
			IG = 1.266								
			Time = 1230								
			OG = 0.30								
			IG = 1.38								
			Baski = .250								
			Time 1515 - Finished Reconstruction !!								
			OG = 0.24								
			IG = 0.320								
⊙			Baski = 0.210								

.80 .85 .90 .92 .94 .96 .97 .98 .99 1.00 .99 .98 .97 .96 .94 .92 .90 .85 .80

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