

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey

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Form 9-275-D
(Jan. 1988)

WATER RESOURCES DIVISION

Date 12-30, 1997

MISCELLANEOUS FIELD NOTES

Prisco str @ B1 KL

1635

windy cool
overcast

fairly high water. Pool is near top of control. Two sand bags partly eroded at left of flume. Shored this breach as best as possible, by trading eroded bags w/ good one from far right. Flume, orifice, & probe is clear of sediment.

O₂ + H₂ + BaP + S are good

	Inside	Outside	
1650	2.75	2.46	
	6.7	6.0	WT
	-	115.5	sc
		Ph = 7.165	

Pegmy meter discharge taken

Stream chem taken as well

stages around 2.42+ are spilling over breach in control.

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DISCHARGE MEASUREMENT NOTES

196

Sta. No. #11 Prisco str @ B1

Meas. No. 2

Comp. by KDL

Checked by KDL

Date 12-30, 1997 Party KDL

Width 11 Area 2.04 Vel. 1.82 G. H. _____ Disch 3.72

Method 0.6 No. secs. 13 G. H. change _____ in _____ hrs. Susp. _____

Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____

Type of meter Pyamy Date rated _____ Tag checked _____

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

Meas. plots _____ % diff. from _____ rating. Levels obtained NO

GAGE READINGS				WATER QUALITY MEASUREMENTS		
Time	Inside		Outside	No	Yes	Time
<u>1710</u>	<u>2.71</u>		<u>2.39</u>			<u>Samples Collected</u>
<u>1725</u>	<u>2.68</u>		<u>2.34</u>	No	Yes	Time
						<u>Method Used</u>
				EDI	EWI	Other
						<u>SEDIMENT SAMPLES</u>
				No	Yes	Time
						<u>Method Used</u>
				EDI	EWI	Other
						<u>BIOLOGICAL SAMPLES</u>
				Yes		Time
				No		Type

Weighted M.G.H. _____

G.H. correction _____

Correct M.G.H. _____

Check bar. chain found _____ changed to _____ at _____

Wading cable, ice, boat, upstr., downstr., side bridge 600 feet, mile, above, below gage.

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

Flow Even, steady.

Cross section Good sand bottom DEPTHS ARE EVEN.

Control 2 sand bags eroded.

Gage operating OK Weather Windy cool overcast

Intake/Orifice cleaned NO Air 6.9 °C@ 1745 Water 6.2 °C@ 1245

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

Nitrogen Pressure Tank Feed Bbl rate per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks FULLING STAGE, TOOK 1/2 COUNTS

THIS MEASUREMENT NOT AFFECTED BY BRUSH IN

CONTROL.

G.H. of zero flow _____ ft. Sheet No. 1 of 1 sheets

ANGLE COEF- FICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVA- TION DEPTH	REVO- LUTIONS	TIME IN SEC- ONDS	VELOCITY		ADJUST- ED FOR HOR. ANGLE OR -----	AREA	DISCHARGE
							AT POINT	MEAN IN VER- TICAL			
	LEW @		1715								
	2.5		0		0	40					.85
	3.5		0.14		25	30					
	4.5		0.18		35	26					
	5.5		0.2		30	19					.90
	6.5		0.2		40	20					.92
	7.5		0.2		50	22					.94
	8.5		0.22		60	23					.96
	9.25		0.25		50	20					.97
	10.0		0.22		50	21					.98
	10.75		0.25		60	25					.99
	11.5		0.24		45	36					.99
	12.5		0.16		15	20					
	13.5		0		0	40					
⊙	REW @		1925								1.00
											.99
											.98
											.97
											.96
											.94
											.92
											.90
											.85
											.80