

186

DISCHARGE MEASUREMENT NOTES

Prisco str @ B1

Sta. No. 11

Meas. No. 1

Comp. by HCL

Checked by KDL

Date 11-23, 19 97 Party KOL KW

Width 10.40 Area 1.711 Vel. 1.08 G. H. 1.99 Disch 1.85

Method No. secs. 16 G. H. change in hrs. Susp.

Method coef. 0.6 Hor. angle coef. Susp. coef. Meter No.

Type of meter Ppsm Date rated Tag checked

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

Meas. plots % diff. from rating. Levels obtained

GAGE READINGS

WATER QUALITY MEASUREMENTS

Time	Inside	Outside	No	Yes	Time
1535	1.989	1.98	0.98		
1605	2.059	1.96	0.96		
1625	1.94				
Purged line					
1626	1.927				
Weighted M.G.H.					
G.H. correction					
Correct M.G.H.					

SEDIMENT SAMPLES

BIOLOGICAL SAMPLES

Check bar. chain found changed to at

Wading, cable, ice, boat, upstr., downstr., side bridge 100 feet, mile, above, below gage.

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

Flow Bready

Cross section Sand - little gravel

Control Good shape

Gage operating Weather sunny clear windy

Intake/Orifice cleaned Yes Air °C@ Water 7.2 °C@ 1610

Record removed Extreme Indicator: Max. Min.

Nitrogen Pressure Tank 1750 PSI Feed 4.5 PSI Bbl rate per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks 1st Chem sample taken @ 1610

Reset CRID time 1 min 6 sec ahead 1613 → 1614

Purged line, but little change Port flame in gage.

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

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

River at-

ANGLE COEFF- 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	.80
							AT POINT	MEAN IN VER- TICAL				
	LEW		1540									
	12.3		0		0	40						.85
	11		0.1		30	43						
	10		0.15		40	51						
	9		.16		50	44						.90
	8		.19		40	43						.92
	7.5		.17		30	42						
	7		.2		50	46						.94
	6.5		.19		50	42						.96
	6		.2		60	43						.97
	5.5		.22		70	43						.98
	5		.22		70	44						.99
	4.5		.22		60	42						
	4		.25		50	35						
0	3.5		.28		50	43						1.00
	3		.21		15	47						
	1.9		0		0	40						
	REW		1605									.99
												.98
												.97
												.96
												.94
												.92
												.90
												.85
												.80

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

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey

Form 9-275-D
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WATER RESOURCES DIVISION

(18)

Date 11-23, 1992

MISCELLANEOUS FIELD NOTES

Prisco @ B1

KOL RW

Control is in good shape. No ice or
sediment build up.

Roset CR10 Time 1 min 6 sec ahead 1613 → 1614

IN

OUT

1535 1.989

1.98

1605 2.06

1.96

1625 1.94

Purged line

1626 1.927

N₂ 1750 tank

9.5 feed.

1st stream chem sample taken 1616

Pgging Measurment taken Q = 1.85 cfs

Ph = 7.13

Sc = 118

WT = 7.2