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

UNITED STATES DEPARTMENT OF THE INTLA GEOLOGICAL SURVEY

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M	289	No	568
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Comp. by.

WATER RESOURCES DIVISION

					Chooked by				
Commo	Med	1/12	St	room	a CI				
Date . B. Ton	MON!	19.95.	Pa	rty	9				
Sta. No DISCHARGE MEASUREMENT NOTES Checked by Date B. Jorney 19 95 Party Width 2.6 Area 0.5 7 Vel. 0.79 G. H. 8.5 4 Disch. 0.56 Method No. secs. 0 G. H. change in hrs. Susp. Method coef. Hor. angle coef. Susp. coef. Meter No. Type of meter M. Date rated Tag checked Meter ft. above bottom of wt. Spin before meas. after. Meas. plots. % diff. from. rating. Levels obtained. GAGE READINGS Top de No. Yes. Time Bamples Collected No. Yes. Time Method Used EDI EWI Other. SEDIMENT SAMPLES No. Yes. Time Method Used EDI EWI Other. Weighted M.G.H. BIOLOGICAL SAMPLES G.H. correction Correct M.G.H. No. Type Check bar. chain found Changed to at Waather Collection cond: Weather Collection cond. Control Corress section Control Gage operating Weather Collection Control Weather Collection Correct M.G.H. Weather Collection cond: Weather Collection cond.									
Method No. secs G. H. change in hrs. Susp. Method coef Hor. angle coef Susp. coef Meter No. Type of meter 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 No Yes Time Method Used EDI EWI Other. SEDIMENT SAMPLES No Yes Time Method Used EDI EWI Other. Method Used EDI EWI Other.									
Method coef	Pn. 1	Hor, ang	gle coef.	.1.0	Susp. coef Meter No				
Type of meter	14.9	my.	Date rate	ed	Tag checked				
Meter	. ft. abo	ove bott	tom of w	t. Spin b	efore meas after				
Meas. plots	% dif	f. from.	ra	ting. Le	vels obtained				
Time	Inside	ADR	Graphic	Outside	No Yes Time				
					Samples Collected				
1350	8.5.5			2,68	No Yes Time				
					Method Used				
					EDI EWI Other				
					SEDIMENT SAMPLES				
					No Yes Time				
					Method Used				
					EDI EWI Other				
Weighted M.G.H.					BIOLOGICAL SAMPLES				
Meter ft. above bottom of wt. Spin before meas									
Correct M.G.H.					No Type				
Check bar. chai	n found			cl	hanged to at				
Wading, cable, i	ce, boat	, upstr.	, downstr	, side b	ridge. 15. leet, mile, above, below gage.				
Measurement rate	d excelle	nt (2%),	good (5%)	, fair (8%)	, poor (over 8%); based on the following cond:				
Flow. 5. 100	dy	Non	Twa	ient.					
Cross section	1,50	and		11/11					
Control //	106	eok	5.5.1	vam	w/,				
No									
Intake/Orifice	leaned		. Air	°C	@ Water C@				
Record remove	d	E	xtreme I	ndicator:	Max Min				
Manometer N ₂	Pressure	Tank		Feed	Bbl rate per min.				
CSG checked .				Stic	ck reading				
Observer				6					
HWM	· · · ·		··· Ja.	· y · · · ·	outside, in well				
Remarks	Date rated Tag checked Reter ft. above bottom of wt. Spin before meas. after Reas. plots. % diff. from rating. Levels obtained. 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. SEDIMENT SAMPLES No Yes. Time Method Used EDI EWI Other. SEDIMENT SAMPLES No Yes. Time Method Used EDI EWI Other. Seginted M.G.H. Seginted M.G.H. Seginted M.G.H. No Type No No No No No No No N								
Tapago	PEF	44							

						River	ot—			.70	.75	
- Be	Dist.			va-	Rev-	Time	VELO	CITY	Adjusted for hor. angle or			
Angle coef-		Width	Depth	Observa- tion depth	olu- tions	in sec- onds	At point	Mean in ver- tical	angle or	Area	Discharge	.80
1.0	8.8		10	6	40	47.2	1					
	1.0		,15		40	47.2						.8!
	1,3		120		40	411						
PER S	16		.25		70	763						9
	67		20		1/12	10.1						
	40		100		40	422						9
	2/3		.25	+	75	160						
	21		11		25	410						
	3 Hz		.05	1	17	41.8						
	J. KON		105	1	1/	11.0						
												_
0												1.
												_ :
												9
					No.							9
												9

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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Meas. No....

Comp. by.....

WATER RESOURCES DIVISION

Sta. No		DISC	HARGE	MEASU	REMENT NOTES Checked by
Common	was	1/2	Sth	lan	N Cl
Date 8	Son	19 95	P:	arty .	9
Width . 2 . 6	. Area	0.6	O Vel	1.09	G. H. 8. 57 Disch. O. 6.6.
Method	. No. se	cs. 10) . G. F	I. change	in hrs. Susp
Method coef.		Hor, and	gle coef.	/	Susp. coef Meter No
Type of meter	Rega	and .	Date rat	ed	
Meter	. ft. ab	ove bot	tom of w	t. Spin b	efore meas 2 after
Meas. plots	% dif	ff. from	ra	ting. Le	vels obtained
					WATER QUALITY MEASUREMENTS
Time					No Yes Time
	8.56			267	Samples Collected
1475	8.58			2.65	No Yes Time
	1 . William				
					Method Used
					EDI EWI Other
		F-101 - 11-11			SEDIMENT SAMPLES
• • • • • • • • • • • • • • • • • • • •					No Yes Time
					Method Used EDI Other
Weighted M.C.H.					EDI EWI Other
Weighted M.G.H.					BIOLOGICAL SAMPLES
G. H. correction					Yes Time
Correct M.G.H					No Type
					nanged to at
					idge feet, mile, above below gage.
					poor (over 8%); based on the following cond:
					i knt
Cross section.	sana	100	6-		
Control	10.0		129.		Weather
					@ Water °C@
Record remove	d	E	xtreme I	ndicator:	Max Min
Manometer N ₂	Pressure	Tank		Feed	Bbl rate per min.
CSG checked .				Stic	k reading
Observer					outside in well
HWM	Tom		20	W	etch and
Remarks	Pla	Pin	OPPOR S	3	
	1. 19	****	. 10.00		
C. Japenso	PZP	48	ft	Sheet N	No of sheets

	0 .10	.20	.30		.40		50	.60		.70	
_						River					.75
coef	Dist. from initial) VIII		va-	Rev-	Time	VELO	CITY	Adjusted for hor. angle or		
Angle coef-	initial point	Width	Depth	Observa- tion depth	Rev- olu- tions	in sec- onds	At point	Mean in ver- tical	angle or	Area	Discharge .8
1	1.0		.12	06	45	45.0					
	1.2		116		45	450					
	1.5		.22		50	42.2					
	1.6		.23		40	40.8					
	2.1		. 28	1	45	44.					
	24		.30	-	50	47.2					
	2.6		.32		55	42.4					
	30		.23		50	41.4					
	3.3		.20		40	40.2					
	13:6		,10	1	20	40.2					
										2.75	
0											
						SUMMENT SECTION					

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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Meas. No....

Comp. by.

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by Date . Dat					
Commonweal A. Stroom	(d) C/				
Date	2				
Width . 4.1 Area. 1.25 . Vel. 1.28	G. H. 8, 71. Disch. 1.59				
Type of meter Lyghy Date rated	Tag checked				
Meter ft. above bottom of wt. Spin be	efore meas after				
Meas. plots % diff. from rating. Lev	vels obtained				
GAGE READINGS	WATER QUALITY MEASUREMENTS				
Time Inside ADR Graphic Outside	No Yes Time				
1935 8.66 2,56	Samples Collected				
100 8.73 2.48	No Yes Time				
	Method Used				
	EDI EWI Other				
	SEDIMENT SAMPLES				
	No Yes Time				
	Method Used				
	EDI EWI Other				
Weighted M.G.H.					
G. H. correction					
Check bar. chain found	hanged to at				
Wading cable, ice, boat, upstr., downstr., side by	ridge. 1.5. feet mile, above below gage.				
Measurement rated excellent (2%), good (5%), fair (8%)	, poor (over 8%); based on the following cond:				
Flow Kaina Steady	F. 051				
Cross section Sand					
Control					
Gage operating	Weather				
Intake/Orifice cleaned Air °C	@ Water C@				
Record removed Extreme Indicator:	Max Min				
Manometer N ₂ Pressure Tank Feed	Bbl rate per min.				
CSG checked Stie	ck reading				
Observer	outside, in well				
HWM					
CH Rizer flow 62 ft. Sheet	No of sheets				

.0	.10	.20	,30		.40	River	st—	.60		.70	.75	
- N	Dist.			pth pth	Rev-	Time	VELO	CITY	Adjusted for hor. angle or			
Angle coef- hcient	from initial point	Width	Depth	Observa- tion depth	olu- tions	in sec- onds	At point	Mean in ver- tical	angle or	Area	Discharge	.84
1	09		005	.6	20	43.4						
	1.1		,15	+	40	43.4	_					.8
	1.5		16	+	50	110						
	1.6	*	15/		65	41.0						
	2.1		40		50	410						-
	27		43		60	447						-
	3.0		49	1	60	429						-
	2.3		47		60	47.6						-
	7.6		37		60	44.2				1 2 10 10		-
	3.9		130	1	60	466						-
	4,2		125		50	43.5						
	4.5		,16		95	421						
	5.80		12		22	42.1						
0				1								
												-
			A Part of the Part									
	1											-
												-
												-
										1/2 100		
												.8