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

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Meas. No.. 30.

Comp. by.

WATER RESOURCES DIVISION

Sta. No DISCHARGE MEASUREMENT NOTES Checked by										
And	erse	u C	ir. G	0111	, Lake Hoare					
Date 12/1	3	19	77	ortu) Lake Houve					
Width 18	Area	0.2=	3 Vel	0.392	G. H Disch. 0.107					
Method 6	No. se	ecs	G I	H change	in hrs. Susp Coo					
Method coef.	1.0	Hor an	gle coef	/. O	Susp. coef / . O. Meter No					
Type of meter	py	9.MV	Date rat	ed	1/30Tag checked					
Meter	. ft. ab	ove bot	tom of w	t Spin h	pefore meas after					
Meas. plots	% di	ff. from	ra	ting Le	vels obtained\.es					
GA	GE RE	ADING	S	ting. De	WATER QUALITY MEASUREMENTS					
Time					No Yes Time					
1550	12.36			109						
					Samples Collected					
					No Yes Time					
1640	1.30			0.11	Method Used					
					EDI EWI Other					
					SEDIMENT SAMPLES					
					No Yes Time					
	1.35			0.15	Method Used					
Weighted M.G.H.	State of the State		THE RESERVE THE PARTY OF THE PA		EDI EWI Other					
G. H. correction .				• • • • •	BIOLOGICAL SAMPLES					
Correct M.G.H					Yes Time					
					No					
leck bar, chain	found			ch	anged to at					
wading, cable, ic	e, boat,	upstr.,	downstr.	, side bri	dge40. (eet, mile, above, below gage.)					
Measurement rated	exceller	it (2%), g	good (5%),	fair (8%),	poor (over 8%) based on the following cond:					
10w	. Y V	MA	CM	T Tie -	flume memt also made					
Cross section	امرام	19	314	191	the same of the sa					
Control tound sect in u/s end of time, cleaned										
Control. Found Sect in u/s end of flume, cleaned Control found or free obstructed Weather ptly cldy, It lorge a lintake/Orifice cleaned YPS. Air °C@ Water 4.0°°C@										
ntake/Orifice cl	eaned [F.S.	Air	°C@	2 Water . 4, Q °C@					
Record removed		Ex	ctreme In	dicator:	Max Min					
Manometer N ₂ F	ressure	Tank .	1.700	. Feed .	.9 Bbl rate . 80 per min.					
csG checked	inid	1:00		Stick	reading					
MUNICIPAL PUVO	ed.	9117	Ce. c	elestri	acted) severed wised					
Remarks *	G	. L.I.	THE STATE	.c. 1.6	outside, in well					
Reso	10 44	1	D.6111	ig is	Fler purge, etc.					
G.H. of zero flow		****	ft	Sheet N	A -F					

.0	.10	.20	.30		.40	River	60 nt—	.60		.70	.75	AP.
t coef-	Dist.	A compa	3	* 4 H	Rev	Time		CITY	Adjusted			
Angle coef- hcient	from initial point	Width	Depth	Observa- tion depth	Rev- olu- tions	in sec- onds	At point	Mean in ver- tical	for hor, angle or	Area	Discharge	.80
	1.2	0.2	0	E	W	@ 1	640					
	1.6	0.35.	.20	.6	. 0	60		0		0.07	0	.85
,	1.9	0.25.	,24	(5	40		0.150		0.06	0.009	
	21	0.2	.21)	30	46		0.665		0.042	0.0279	
1	2.3	0.2	,22	1	50	40		1.25		0.044	0.055	90
	2.5	0.2	016	1	15	56		0.321		0.032	0.0103	.92
	2.7	0.25	,10		7	46		0.177		0.025	0.0043	94
-	3.0	0.15	L	E	20	160	50		CAE	0.273		
	1.8	1.8							31.00	(Q	0.107	.96
										1		.97
												.98
			- 1									.99
	P.	Fli	ame	(2m	0	17	10	u/s:	.10	: d/s=	.05
		00	5=1	5		IG	= 1.7	310	1700			
0												1.00
				0	9=0	0.0	67					
					-	3 8	11					
			144									.99
										1/2		
												97
												.96
						The second	41-14					
												.94
												.92
						S. Har						.90
		70										
												.85
							7					
												.80
		00	20		.40		50	.60		.70	.75	
.0	.10	.20	.30		.40							