PHYSICO-CHEMICAL LIMNOLOGY DATA

ake Name	NAR	Personnel	BP BJ JW			_ Date <u></u>	
Ailitary Tin	ne 1010	Station _	125 0709803	4151341	Max Dept	th at Station	19.7 m
Secchi (m)	: 1st: /	35 2nd: 1,3	<u> </u>	(shaded side	of boat, no s	unglasses)
Conductiv	ity 293	uS/cm Turbidit	v 4,9/_NTU	Weather	50% close	d, calur	30°
TDS	212	ACINITY 16+	NO PH	Depth	Temp	D.O.	
Depth (m)	Temp (°C)	D.O. (mg/L)		(m)	(°C)	(mg/L)	
Surface	4.4	10.81		21			
1	4.5	10.53		22		<u> </u>	
	4.5	10.42		23			
3	4.5	10.39		24			
4	4.5	10.35		25			
5	4.5	10.31		26			
6	4.5	10.27		27		,	
7	4.5	10.24	,	28			
8	4.5	10.22	24 1	29			ļ
9	4.5	10.20		30			
10	4.5	10.18		35			
11	4.5	10.17		40			
12	4.5	10.14		45			
13	4.4	10.12		50			
. 14	4.4	10.10		55			
15	4.4	10.09		60			
16	4.4	10.07		65			
17	4.4	10.05		70			• 5
18	4.4	10.03		75			
19	4.4	9.93					
20							
Comments	Deepest's	pot is offram	Pidne wes	t a fer	v 100 yd	sout le	channel)
1		moter-change					

	ZO	OPLAN	NKTON	N SAM	IPLING	DAT.	A				
Lake Name NAC	Perso	nnel _	H BJ	/ #					te <u>03</u>		
Gear: Wisc. neb Cla	arke-Bumpu	ıs Otl	ner: <u>∕\$</u> #	villae	<u>t</u>	_Mesh	(μ m) :	1539	Othe	r	y.
Station Name Mid re	servoir	\$	Station	Numb	er	2 N	lax De	pth at	Statio	n <u>15</u>	m
Comments North									=		
	25 0709	999	41517	88			·				
Field data	_				Zoo	plank	on la	xa			
Sample no.	_					i	,				,
Stratum (m)	_ t		· .	nia	pod	В					
Mil. time	Counts by Aliquot	lex	Daphnia galeata	Unknown <i>Daphnia</i>	Cyclopoid copepod	Calanoid copepod					
Final revs	þý /	Daphnia pulex	a ga	wn <i>E</i>	o pio	jg cc					
Start revs	unts	inhqi	inhq	kno	clop	llano					i
Total revs	රි	Da	Da	5	ठे	පී					
Liters sampled	Aliq. 1										
Dilution (ml)	Aliq. 2										
Conc. factor	Aliq. 3							6.			
	2				7-	11-	lan Ta			92	
Field data	_	<u></u>	т—		<u> </u>	oplank	ton ra	ıxa	r	I	
Sample no.									8		
Stratum (m)	<u>t</u>		ta	hnia	epod	pod			×	1	
Mil. time		ilex	leat		ope	beb					
Final revs	py /	ia pu	ia ga	wn E	o pio	id C					
Start revs	Counts by Aliq	Daphnia pulex	Daphnia galea	Unknown Dap	Cyclopoid cope	Calanoid cope					
Total revs	ြိ	Da	Da	5	ि े	ပိ					

Conc. factor COMMENTS:

Liters sampled

Dilution (ml)

Aliq. 1

Aliq. 2

Aliq. 3

Total revs

ZOOPLANKTON SAMPLING DATA

Lake Name NAR I	Personnel BP BJ SW	Date <u>03 20 18</u>
Gear: Wisc. net Clarke-B	Bumpus Other: (swall)	_ Mesh (μ m) : 453 Other
Station Name down hale	Station Number	Max Depth at Station <u>19.5</u> m
Comments were call	(45°C) so not expecting	much - got some Daphuia
NOTE- label was mislabe	led - "depth stratum" was 10	m, depth was 19
	•	· •

Field da	Field data					Zod	plank	ton Ta	xa		
Sample no.					!						
Stratum (m)		ಕ			nia	pod	8	- "			
Mil. time		Niqu	lex	galeata	aphi	podedoo	podedoo				
Final revs		Counts by Aliquot	Daphnia pulex	a ga	Unknown <i>Daphnia</i>						
Start revs		nnts	phni	Daphnia	kno	Cyclopoid	Calanoid				
Total revs		ပိ	Da	Da	5	ठे	ပ်				
Liters sampled		Aliq. 1								 	
Dilution (ml)		Aliq. 2			.						
Conc. factor		Aliq. 3									

Field data	a .					Zoo	plank	ton Ta	ха		"	
Sample no.												
Stratum (m)		t		, cs	nia	pod	8					
Mil. time		Niqu	lex	galeata	aphi	podedoo	podedoo					
Final revs		Counts by Aliquot	Daphnia pulex		Unknown <i>Daphnia</i>	_	I .					
Start revs		unts	phni	Daphnia	kno	Cyclopoid	Calanoid				×	
Total revs		ပိ	Da	Da	5_	ठे	ပိ					
Liters sampled		Aliq. 1						 		100		
Dilution (ml)		Aliq. 2	39									
Conc. factor		Aliq. 3					<u> </u>					

COMMENTS:

PHYSICO-CHEMICAL LIMNOLOGY DATA

	Conductivi TDS	ity 397	1 (uS/cm)	Turbidit	ty 12.	Z	(NTU)	pH 8.4	17
1151300	POP - EAL	Temp (°C)	D.O.	Light		Depth (m)	Temp (°C)	D.O. (mg/L)	Lig
10	Surface	5.1	8.60		5 252.10	21	81 -		
T	1	5.1	8.62	all.		22			1
3	2	5.1	8.63	222 %	45 (276) 1.5	23	٨.		1
70773	3	5.0	8.67		T.	24	16.	1	200
	4	5.0	8.65			25		į.	
0	5	4,9	8 63	5 1		26	163 N E	080000000000000000000000000000000000000	EV.
3	6	4.8	8.64			27		130000	11/2
101	7	4.7 .	8.64	w Eil		28		K = 4=	
30.	8	4.6	. 8.65	₹ű		29			i i
	9	4.6	8.64	. X		30	2		
S	10	4.6	8.64			35			
	11	4.5	8.62			40		100	
4	12	4.4	8.61			45			
\backslash	13	4.3	8.61			50			
<u> </u>	14	4.3	8,58			55			15
_	15	4.2	8938	1	No.	60		1987	
L	16	44	4.43	F 1,5	CONT.		<u> </u>		
_	17		W. P.					n Jiik	
	18	s it while						10	1
′	19	7/3/	51			S. C.		m.X	100
	20		·				n lakes >35 m ments starting		

ZOOP TOW | Coldinates _ 125 07000

PHYSICO-CHEMICAL LIMNOLOGY DATA

Lake Name NAL Personnel CF BP AH Date 6 113 119 Military Time 16:31 Station NAR Logser Max Depth at Station 20.3 m Secchi (m): 1st: 3.5 2nd: 3.25 Mean: 3.325 Weather light breeze, suny Conductivity 366 (uS/cm) Turbidity 2.53 (NTU) pH 8.91

Depth (m)	Temp (°C)	D.O. (mg/L)	Light
Surface	18.6	7.86	76
1	18.9	7.88	17.
2	18.4	7.89	
3	17.1	8,06	N 0
4	17.0	8.09	
5	16.8	8-14	
6	16.5	8.09	
7	14.0	7.72	190
8	13,1	7.31	
9	12.6	7.04	
10	12.4	6.97	
11	12.1	6.85	
12	11.9	6.62	
13	11.6	6.832	18 N
14	11.5	6.04	
15	11-5	5.98	
16	11.4	5.86	
17	11.4	5.65	À-
18	11.3	5.53	3.17
19	11.3	5.49	
20	11.2	5.37	1

Depth (m)	Temp (°C)	D.O. (mg/L)	Light
21			
22			Ę.
23	SIII		
24	1186 8.		
25		Res and	
26			No.
27		L	
28		1 1 200	R Park
29			
30			
35		N	
40			72 T
45			
50			
55			TX I
60			
	46		

Solt 210 ppm