Lake: Brooks Pond	Depth	Temperature	DO	рН	Conductivity
County: DANE Waterbody # (WBIC): N/A	(m)	(°C)	(mg/L)		(uhoms/cm ²
Site Description or Station I.D: 10051341	0	27.8	7.81	8.16	212.7
A 11 - 6 - 4	10.5	27.8		8.15	
Observers: Adler, Graham	7 1.0	27.8	7.87		
Date: 27 July 2020 Start Time: 13:07 End Time: 13:26	3 1.5	27.8	7.88	8.10	1
Start Time: 13:07 End Time: 13:26	4 Z.O	27.9	7.85	l	
Serchi Denth (ft.): 7. 5	\$ 2.5		7.07		
Secchi Depth (ft.): Z • B Hit Bottom? N	6	27.1	,,,,,	****	<u> </u>
Lake Level (high, low, normal): <u>normal</u>	7				
Water Column Appearance (clear or murky): murky	8				
Water Color (blue, green, brown, red, yellow): areen	9 .				
User Perception* of Water Quality: 5	10	}			
Cloud Cover (%): 5	 				
Air Temperature (°F): 80	11				
Wind (mph):	12				
0.454.5	13				
Other Observations: Fish, 8 YFH Flowers	14			<u> </u>	
	15				
Western Communities	16			<u></u>	
Water Samples	17				
Sampling Device:	18				
Deptil of Samples.	19				
Water Chemistry (check ones that were taken)	20			<u> </u>	
Nutrients (250 mL bottle)	L = -		.I	L	3
Total Phosphorus		11			
NO ₂ + NO ₃ as Nitrogen	Data Ent	ered Into SWIMS) f		
Total Kjeldahl-N	Date: 8	1/10/2020			
Metals (250 mL bottle)	1	•			
Calcium	By: <i>A</i>	der			
Magnesium	QAQC BY	<i>ı</i> •			
Chlorophyll (1 quart bottle)		,		**	
	QAQC D	ate:	····		
*User perception of water quality					
1 = Beautiful, could not be nicer					

2 = very minor aesthetic problems; excellent for swimming and

3 = Swimming and aesthetic enjoyment of lake slightly impaired

5 = Swimming and aesthetic enjoyment of lake substantially reduced

4 = Desire to swim & level of enjoyment of lake substantially reduced because of algae; would not swim but boating OK

boating enjoyment

because of high algae levels

Lake: Brooks Pond County: DANE	Depth	Temperature	DO	рН	Conductivity (uhoms/cm²)
Waterbody # (WBIC): N/A	(m)	(°C)	(mg/L) 		(unoms/cm/
Site Description or Station I.D: 10051341	0	26.9	7.59	8.41	214.0
	10.5	26.9	7.55	8.37	214.1
Observers: Adler, Graham		26.9	7.56	8.36	
Date: 29 July 2020	1.0		7.56		
Start Time: 9:47 End Time: 9:52	1.5	26.9	1	1	i
2	4 2.0	26.9	7.52	 	
Secchi Depth (ft.): 2.75 Hit Bottom? N	9 Z.5	26.9	7.53	8.34	214.2
	6				
Lake Level (high, low, normal): <u>hormal</u>	7				
Water Column Appearance (clear or murky): murky	8				
Water Color (blue, green, brown, red, yellow): green	9				
User Perception* of Water Quality: 5	10				
Cloud Cover (%): 5	11				
Air Temperature (°F): 80					
Wind (mph): 3	12			-	
	13				
Other Observations:	14				
	15				
	16				
<u>Water Samples</u>	17			1	
Sampling Device:	18				
Depth of Samples:					
	19				
Water Chemistry (check ones that were taken)	20				
Nutrients (250 mL bottle)					
Total Phosphorus	Data En	tered Into SWIMS	S?		
NO ₂ + NO ₃ as Nitrogen		, .			
Total Kjeldahl-N	Date:	08/10/20	20		
Metals (250 mi_bottle)		A aller			
Caletum	Ву:	Adler			
Magnesium	OAOCB	y:			
Chlorophyll (1 quart bottle)	a a a	7'			
•	QAQC D	ate:			and the second s
*User perception of water quality					
1 = Beautiful, could not be nicer 2 = very minor aesthetic problems; excellent for swimming and					
boating enjoyment					
3 = Swimming and aesthetic enjoyment of lake slightly impaired					

because of high algae levels

because of algae levels

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Lake: Brooks Pond	Depth	Temperature	DO	рН	Conductivity
County: DANE	(m)	(°C)	(mg/L)		(uhoms/cm ²)
Waterbody # (WBIC): N /A	` ′				
Site Description or Station I.D: 10051341	0	28.4	9.89	8.74	212.4
Observers: Graham, Adler	10.5	Z8.4	9.95	8.73	212.6
Detail 70 Tuli 2020	11.0	28.4	9.96	8.72	212.6
Date: 29 July 2020 Start Time: 14: 58 End Time: 15: 06	1.5	28.4	10.02	8.70	
Start Time. 14.00	4 2.0	Z8.4	9.89	8.62	1
Secchi Depth (ft.): 2.75	\$ 2.5	28.3	9.76	8.59	_
Hit Bottom? <u>No</u>	6		1.70	0.01	
Lake Level (high, low, normal): normal	7				
Water Column Appearance (clear or murky): Morky	8				
Water Color (blue, green, brown, red, yellow): areen	9				<u> </u>
User Perception* of Water Quality: 5					
Cloud Cover (%): 5 Air Temperature (°F): 85	10		1		
Air Temperature (°F):	11				
Wind (mph): 3	12				
	13				
Other Observations:	14				
	15				
	16				
Water Samples	17				
Sampling Device:	18				
Depth of Samples:	19				
Water Chemistry (check ones that were taken)	20		-		
Nutrients (250 mL bottle)			.1		
Total Phosphorus					
NO ₂ + NO ₃ as Nitrogen	Data En	tered Into SWIMS	5?		
Total Kjeldahl-N	Date: 8	1/10/2020			
Metals (250 mL bottle)		•			
Calcium	By:_ <i>Ha</i>	ller			****
Magnesium	OAOC B	y:			
Chlorophyll (1 quart bottle)	QAQC B	y•			
	QAQC D	ate:			
*User perception of water quality					
1 = Beautiful, could not be nicer					

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4 = Desire to swim & level of enjoyment of lake substantially reduced because of algae; would not swim but boating OK

boating enjoyment

because of high algae levels

Lake: Brooks Pond	Donth	Tomporatura	DO	'nЦ	Conductivit
	Depth	Temperature	l	рН	
County: DANE Waterbody # (WBIC): N/A	(m)	(°C)	(mg/L)		(uhoms/cm
Site Description or Station I.D: 10051341					
Site description of station i.d. 10051541	0.0	27.4			213.8
Observers: Adler, Graham	1 0.5	27.4			214.5
Date: 07/30/2020	7 1.0	27.4	7.99	8.45	214.6
Start Time: 11:57 End Time: 12:02	1.5	27.4			215.0
Start time: 11.51 Lind time. 12.00	4 2.0	27.4			215.0
Secchi Depth (ft.): 2.5 ft	\$ 2.5	27.4			2/5.0
Hit Bottom? N		2.7.7	7,13	0.70	215.0
Lake Level (high, low, normal): pormal	6				
Water Column Appearance (clear or murky): morky	7				
Water Color (blue, green, brown, red, yellow): a reen	8				
User Perception* of Water Quality: 5	9				
	10			1	
Cloud Cover (%): 5%	11				
Air Temperature (°F): 80	12				
Wind (mph): 3 mpH	13				
Other Observations:	14				
	15				
	16				
Water Samples					,
Sampling Device:	17				
Depth of Samples:	18		<u> </u>		
	19				
Water Chemistry (check ones that were taken)	20				
Nutrients (250 mt bottle)					
Total Phospherus	Data Ent	ered Into SWIMS	:)		
NO ₂ + NO ₃ as Nitrogen	Data Ent	ereu mito symiais);		
Total Kjeldahl-N	Date:	3/10/2020			
Metals (250 mL bottle)		dier			
Calcium	By: <i>[</i> 4]	dier			
Magnesium	QAQC By				
Chlorophyll (1 quart bottle)	QAQC B	/ :			
	QAQC D	ate:			
*User perception of water quality					•••••
1 = Beautiful, could not be nicer					

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boating enjoyment

because of high algae levels

Lake: Brooks Pond	Depth	Temperature	DO	рН	Conductivity
County: DANE	(m)	(°C)	(mg/L)		(uhoms/cm ²)
Waterbody # (WBIC): N/A					
Site Description or Station I.D: 100151341	0	26.2			216.7
Observers Allac	10.5	26.2	7.83	8.33	217.0
Observers: Adler 7070	71.0	26.Z	7.82	8.33	217.0
Date: / August ZOZO Start Time: //: 5/ End Time: /2:02	3 1.5	:			2/7.0
	4 2.0	_			217.0
Secchi Depth (ft.): 2.5 Hit Bottom? N	\$ Z.5				217.0
Hit Bottom? N	6				
Lake Level (high, low, normal): normal	7			j	
Water Column Appearance (clear or murky): murky	8				
Water Color (blue, green, brown, red, yellow):	9			,	-
User Perception* of Water Quality: 5	10				
Cloud Cover (%): / O	11				
Air Temperature (°F): 80	12				
Wind (mph):					
Other Observations	13		1		
Other Observations:	14				
	15			1	
Water Samples	16			 	
Sampling Device:	17			<u> </u>	
Depth of Samples:	18			ļ	
	19			-	
Water Cheroistry (check ones that were taken)	20				
Nutrients (250 mL bottle)					
Total Phosphorus	Data Ent	ered Into SWIMS	5?		
NO2 + NO3 as Nitrogen		_			
Total Kjeldah N	Date:_ <u>ර</u>	/10/2020			
Metals (250 mL bottle)	By:_ A	diev			
Calcium	Uy	<u> </u>		•	LANCOUR TO SERVICE OF THE SERVICE OF
Magnesium Chlorophyll (1 quart bottle)	QAQC B	y:			
Chorophyn (1 quart bottle)	OAOCD	ata.			
·	QAQC D	ate:			
*User perception of water quality					
1 = Beautiful, could not be nicer					

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$P_{\mathcal{L}}$, $\mathcal{M}_{\mathcal{L}}$ $\mathcal{O}_{\mathcal{L}}$	Γ		I		
Lake: Brooks Pond	Depth	Temperature	DO	рН	Conductivity
County: DANE	(m)	(°C)	(mg/L)		(uhoms/cm ²)
Waterbody # (WBIC): N/A					
Site Description or Station I.D:	0	23.1	9.80	8.48	217.6
A 1, A	10.5	23.1	9.83	8.46	Zu 1 49 , mg
Observers: Adler, Graham	4 1.0	23.0	9.84	1	217.7
Date: 5 A 19 US+ 2020 Start Time: 3:15 End Time: 3:23	1.5	·	9.84		217.7
Start Time: 3:15 End Time: 3:23	 	23.0	ļ		
	4 2.0		1		217.8
Secchi Depth (ft.): 4, 25	\$ 2.5	23.0	9.81	8.40	217.8
Hit Bottom? N	6				
Lake Level (high, low, normal): normal	7				
Water Column Appearance (clear or murky): พาเมา	8				
Water Color (blue, green, brown, red, yellow): gceen	9				
User Perception* of Water Quality: 5	10			1	
Cloud Cover (%): <u>りか</u>	11				
Air Temperature, (°F):					
Wind (mph):	12			<u> </u>	
	13				
Other Observations: <u>Dead, Floating filamentus</u>	14				
algae	15				
\mathcal{O}	16				
Water Samples	17				
Sampling Device:	18				
Depth of Samples:	19				
Water Chemistry (check ones that were taken)	20			1	
Nutrients (250 mL bottle)					
Total Phosphorus	Data Ent	ered Into SWIMS	S ?		
NO₂ + NO₃ as Nitrogen	١ .	11			
Total Kjeldahl-N	Date: <u>(2)</u>	8/10/ ZOZC)		
Metals (250 mL bottle)	I 12	der			
Calcium	by: <u>/*/</u> L	AIRA			
Magnesium	QAQC B	y:			
Chlorophyll (1 quart bottle)					
,	QAQC D	ate:		an v	
*User perception of water quality					

- 1 = Beautiful, could not be nicer
- 2 = very minor aesthetic problems; excellent for swimming and boating enjoyment
- 3 = Swimming and aesthetic enjoyment of lake slightly impaired because of high algae levels
- 4 = Desire to swim & level of enjoyment of lake substantially reduced because of algae; would not swim but boating OK
- 5 = Swimming and aesthetic enjoyment of lake substantially reduced because of algae levels

Lake: Brooks Pond	Depth	Temperature	
County: DANE	(m)	(°C)	(r
Waterbody # (WBIC): N/A	` '		`
Site Description or Station I.D: 1005134/	0	24.5	8
al Attac Cat	1 0.5	24.5	8
Observers: Adler, Greham	11.0	24.5	1
Date: /2 August ZoZo	3 1.5	24.5	
Start Time: 11:01 End Time: 11:06		24.5	
Secchi Depth (ft.): 5	\$ 2.5		
Hit Bottom? N	6		
Lake Level (high, low, normal): normal	. 7		
Water Column Appearance (clear or murky):	8		+-
Water Color (blue, green, brown, red, yellow): arcen	9		+
User Perception* of Water Quality: 4	}		-
Cloud Cover (%): 0	10		+-
Air Temperature (°F):	11		
Wind (mph): 5	12		
	13		<u> </u>
Other Observations:	14		1
	15		<u> </u>
F	16		
Water Samples	17		
Sampling Device:	18		
Depth of Samples:	19		+
14/-t- "Chausiahu /shash anaa thatayara takan)	20		+-
Water Chemistry (check ones that were taken)Nutrients (250 mL bottle)	20		
Total Phosphorus			
NO ₂ + NO ₃ as Nitrogen	Data En	tered Into SWIMS	5?
Total Kjeldahl-N	Data	75 Avanch 20	07
Netals (250 mL bottle)	Date:	23 1109 (31 2	
	Ву:	25 August 20 Shelby Adle	Y
Magnesium			
ehlorophyll (1 quart bottle)	QAQC B	y:	
7, , , , , , , , , , , , , , , , , ,	QAQCD	ate:	

Depth	Temperature	DO	рН	Conductivity
(m)	(°C)	(mg/L)	ļ	(uhoms/cm ²)
0	Z4.5	8.41	8.40	ZZ0.5
1 0.5	24.5	8.40	8.35	
7 1.0	24.5	8.39	8.3z	221.4
\$ 1.5	24.5	8.38	8.30	221.8
4 2.0	24.5	8.36	8.28	221.7
\$ 2.5	24.5	8.33	8.26	ZZ1.8
6				
.7				,
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Data Entered Into SWIMS?
Date: 25 August 2020
By: Shelby Adler
QAQC By:
QAQC Date:

^{1 =} Beautiful, could not be nicer

^{2 =} very minor aesthetic problems; excellent for swimming and boating enjoyment

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^{4 =} Desire to swim & level of enjoyment of lake substantially reduced because of algae; would not swim but boating OK

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