

Lake Survey Data Sheet- Long Term Trends/ Directed Lakes

Lake: Brooks Pond
 County: DANE
 Waterbody # (WBIC): N/A
 Site Description or Station I.D.: 10051341

Observers: Adler, Graham
 Date: 27 July 2020
 Start Time: 13:07 End Time: 13:26

Secchi Depth (ft.): 2.5
 Hit Bottom? N

Lake Level (high, low, normal): normal
 Water Column Appearance (clear or murky): murky
 Water Color (blue, green, brown, red, yellow): green
 User Perception* of Water Quality: 5
 Cloud Cover (%): 5
 Air Temperature (°F): 80
 Wind (mph): 1

Other Observations: Fish, 8 YFH Flowers

Depth (m)	Temperature (°C)	DO (mg/L)	pH	Conductivity (uhoms/cm ²)
0	27.8	7.81	8.16	212.7
1 0.5	27.8	7.88	8.15	212.8
2 1.0	27.8	7.87	8.16	212.5
3 1.5	27.8	7.88	8.10	212.7
4 2.0	27.9	7.85	8.15	212.7
5 2.5	27.7	7.07	7.97	213.9
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~~Water Samples
 Sampling Device: _____
 Depth of Samples: _____~~

~~Water Chemistry (check ones that were taken)
 Nutrients (250 mL bottle)
 Total Phosphorus
 NO₂ + NO₃ as Nitrogen
 Total Kjeldahl-N
 Metals (250 mL bottle)
 Calcium
 Magnesium
 Chlorophyll (1 quart bottle)~~

Data Entered Into SWIMS?
 Date: 8/10/2020
 By: Adler
 QAQC By: _____
 QAQC Date: _____

*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 Survey Data Sheet- Long Term Trends/ Directed Lakes

Lake: Brooks Pond
 County: DANE
 Waterbody # (WBIC): N/A
 Site Description or Station I.D.: 10051341

Observers: Adler, Graham
 Date: 29 July 2020
 Start Time: 9:47 End Time: 9:52

Secchi Depth (ft.): 2.75
 Hit Bottom? N

Lake Level (high, low, normal): normal
 Water Column Appearance (clear or murky): murky
 Water Color (blue, green, brown, red, yellow): green
 User Perception* of Water Quality: 5
 Cloud Cover (%): 5
 Air Temperature (°F): 80
 Wind (mph): 3

Other Observations: _____

Depth (m)	Temperature (°C)	DO (mg/L)	pH	Conductivity (uhoms/cm ²)
0	26.9	7.59	8.41	214.0
1 0.5	26.9	7.55	8.37	214.1
2 1.0	26.9	7.56	8.36	214.2
3 1.5	26.9	7.56	8.35	214.2
4 2.0	26.9	7.52	8.34	214.2
5 2.5	26.9	7.53	8.34	214.2
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~~Water Samples
 Sampling Device: _____
 Depth of Samples: _____~~

~~Water Chemistry (check ones that were taken)
 Nutrients (250 mL bottle)
 Total Phosphorus
 NO₂ + NO₃ as Nitrogen
 Total Kjeldahl-N
 Metals (250 mL bottle)
 Calcium
 Magnesium
 Chlorophyll (1 quart bottle)~~

Data Entered Into SWIMS?
 Date: 08/10/2020
 By: Adler
 QAQC By: _____
 QAQC Date: _____

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Lake Survey Data Sheet- Long Term Trends/ Directed Lakes

Lake: Brooks Pond
 County: DANE
 Waterbody # (WBIC): N/A
 Site Description or Station I.D.: 10051341

Observers: Graham, Adler
 Date: 29 July 2020
 Start Time: 14:58 End Time: 15:06

Secchi Depth (ft.): 2.75
 Hit Bottom? no
 Lake Level (high, low, normal): normal
 Water Column Appearance (clear or murky): murky
 Water Color (blue, green, brown, red, yellow): green
 User Perception* of Water Quality: 5
 Cloud Cover (%): 5
 Air Temperature (°F): 85
 Wind (mph): 3

Other Observations: _____

Water Samples

Sampling Device: _____
 Depth of Samples: _____

Water Chemistry (check ones that were taken)

- Nutrients (250 mL bottle)
 - Total Phosphorus
 - NO₂ + NO₃ as Nitrogen
 - Total Kjeldahl-N
- Metals (250 mL bottle)
 - Calcium
 - Magnesium
- Chlorophyll (1 quart bottle)

Depth (m)	Temperature (°C)	DO (mg/L)	pH	Conductivity (uhoms/cm ²)
0	28.4	9.89	8.74	212.4
1	28.4	9.95	8.73	212.6
2	28.4	9.96	8.72	212.5
3	28.4	10.02	8.70	212.5
4	28.4	9.89	8.62	212.8
5	28.3	9.76	8.59	212.8
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<p>Data Entered Into SWIMS?</p> <p>Date: <u>8/10/2020</u></p> <p>By: <u>Adler</u></p> <p>QAQC By: _____</p> <p>QAQC Date: _____</p>

Lake Survey Data Sheet- Long Term Trends/ Directed Lakes

Lake: Brooks Pond
County: DANE
Waterbody # (WBIC): N/A
Site Description or Station I.D.: 10051341

Observers: Adler, Graham
Date: 07/30/2020
Start Time: 11:57 End Time: 12:02

Secchi Depth (ft.): 2.5 ft
Hit Bottom? N
Lake Level (high, low, normal): normal
Water Column Appearance (clear or murky): murky
Water Color (blue, green, brown, red, yellow): green
User Perception* of Water Quality: 5
Cloud Cover (%): 5%
Air Temperature (°F): 80
Wind (mph): 3 mph

Other Observations: _____

~~Water Samples
Sampling Device: _____
Depth of Samples: _____~~

~~Water Chemistry (check ones that were taken)
___ Nutrients (250 mL bottle)
 ___ Total Phosphorus
 ___ NO₂ + NO₃ as Nitrogen
 ___ Total Kjeldahl-N
___ Metals (250 mL bottle)
 ___ Calcium
 ___ Magnesium
___ Chlorophyll (1 quart bottle)~~

Depth (m)	Temperature (°C)	DO (mg/L)	pH	Conductivity (uhoms/cm ²)	
0	0.0	27.4	8.04	8.47	213.8
1	0.5	27.4	7.99	8.45	214.5
2	1.0	27.4	7.99	8.45	214.6
3	1.5	27.4	8.01	8.44	215.0
4	2.0	27.4	7.97	8.42	215.0
5	2.5	27.4	7.93	8.40	215.0
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Data Entered into SWIMS?
Date: 8/10/2020
By: Adler
QAQC By: _____
QAQC Date: _____

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Lake Survey Data Sheet- Long Term Trends/ Directed Lakes

Lake: Brooks Pond
 County: DANE
 Waterbody # (WBIC): N/A
 Site Description or Station I.D.: 100151341

Observers: Adler
 Date: 1 August 2020
 Start Time: 11:51 End Time: 12:02

Secchi Depth (ft.): 2.5
 Hit Bottom? N

Lake Level (high, low, normal): normal
 Water Column Appearance (clear or murky): murky
 Water Color (blue, green, brown, red, yellow): green
 User Perception* of Water Quality: 5
 Cloud Cover (%): 10
 Air Temperature (°F): 80
 Wind (mph): 1

Other Observations: _____

Depth (m)	Temperature (°C)	DO (mg/L)	pH	Conductivity (uhoms/cm ²)
0	26.2	7.86	8.36	216.7
1 0.5	26.2	7.83	8.35	217.0
2 1.0	26.2	7.82	8.33	217.0
3 1.5	26.2	7.81	8.31	217.0
4 2.0	26.2	7.75	8.29	217.0
5 2.5	26.1	7.68	8.27	217.0
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~~Water Samples
 Sampling Device: _____
 Depth of Samples: _____~~

~~Water Chemistry (check ones that were taken)
 Nutrients (250 mL bottle)
 Total Phosphorus
 NO₂ + NO₃ as Nitrogen
 Total Kjeldahl N
 Metals (250 mL bottle)
 Calcium
 Magnesium
 Chlorophyll (1 quart bottle)~~

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Data Entered Into SWIMS?
 Date: 8/10/2020
 By: Adler
 QAQC By: _____
 QAQC Date: _____

Lake Survey Data Sheet- Long Term Trends/ Directed Lakes

Lake: Brooks Pond
 County: DANE
 Waterbody # (WBIC): N/A
 Site Description or Station I.D: _____

Observers: Adler, Graham
 Date: 5 August 2020
 Start Time: 3:15 End Time: 3:23

Secchi Depth (ft.): 4.25
 Hit Bottom? N
 Lake Level (high, low, normal): normal
 Water Column Appearance (clear or murky): murky
 Water Color (blue, green, brown, red, yellow): green
 User Perception* of Water Quality: 5
 Cloud Cover (%): 80%
 Air Temperature (°F): 80
 Wind (mph): 1

Other Observations: Dead, Floating filamentous algae

Depth (m)	Temperature (°C)	DO (mg/L)	pH	Conductivity (uhoms/cm ²)
0	23.1	9.80	8.48	217.6
1 0.5	23.1	9.83	8.46	217.7
2 1.0	23.0	9.84	8.45	217.7
3 1.5	23.0	9.84	8.43	217.7
4 2.0	23.0	9.84	8.42	217.8
5 2.5	23.0	9.81	8.40	217.8
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~~Water Samples~~

~~Sampling Device: _____
 Depth of Samples: _____~~

~~Water Chemistry (check ones that were taken)~~

- ~~___ Nutrients (250 mL bottle)~~
 - ~~___ Total Phosphorus~~
 - ~~___ NO₂ + NO₃ as Nitrogen~~
 - ~~___ Total Kjeldahl-N~~
- ~~___ Metals (250 mL bottle)~~
 - ~~___ Calcium~~
 - ~~___ Magnesium~~
- ~~___ Chlorophyll (1 quart bottle)~~

Data Entered into SWIMS?

Date: 08/10/2020

By: Adler

QAQC By: _____

QAQC Date: _____

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- 1 = Beautiful, could not be nicer
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Lake: Brooks Pond
 County: DANE
 Waterbody # (WBIC): N/A
 Site Description or Station I.D.: 10051341

Observers: Adler, Graham
 Date: 12 August 2020
 Start Time: 11:01 End Time: 11:06

Secchi Depth (ft.): 5
 Hit Bottom? N
 Lake Level (high, low, normal): normal
 Water Column Appearance (clear or murky): _____
 Water Color (blue, green, brown, red, yellow): green
 User Perception* of Water Quality: 4
 Cloud Cover (%): 0
 Air Temperature (°F): 8
 Wind (mph): 5

Other Observations: _____

~~Water Samples
 Sampling Device: _____
 Depth of Samples: _____~~

~~Water Chemistry (check ones that were taken)
 Nutrients (250 mL bottle)
 Total Phosphorus
 NO₂ + NO₃ as Nitrogen
 Total Kjeldahl-N
 Metals (250 mL bottle)
 Calcium
 Magnesium
 Chlorophyll (1 quart bottle)~~

Depth (m)	Temperature (°C)	DO (mg/L)	pH	Conductivity (uhoms/cm ²)
0	24.5	8.41	8.40	220.5
1 0.5	24.5	8.40	8.35	220.4
2 1.0	24.5	8.39	8.32	221.4
3 1.5	24.5	8.38	8.30	221.8
4 2.0	24.5	8.36	8.28	221.7
5 2.5	24.5	8.33	8.26	221.8
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Data Entered Into SWIMS?
 Date: 25 August 2020
 By: Shelby Adler
 QAQC By: _____
 QAQC Date: _____

*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
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