

Water Quality Data Sheet

Lake: Alice
Date: 5 Feb 09

Data Recorder: MariSSa
Group #: 3

Station 1: Deep Hole

Secchi (ft) 4.75 Ambient Temp. (°C) 8.8°C

Depth (m)	Temp. (°C)	Oxygen (mg/L)
Surface	<u>12.9</u>	<u>10.70</u>
<u>0.5 m</u>	<u>11.9</u>	<u>10.25</u>
<u>1.0 m</u>	<u>11.5</u>	<u>10.14</u>
<u>1.5 m</u>	<u>11.2</u>	<u>10.57</u>
<u>2.0 m</u>	<u>11.0</u>	<u>10.32</u>
<u>2.5 m</u>	<u>10.9</u>	<u>10.20</u>
<u>3.0 m</u>	<u>10.9</u>	<u>10.00</u>

Station 2: By Pilings

Secchi (ft) 4.8 Ambient Temp. (°C) _____

Depth (m)	Temp. (°C)	Oxygen (mg/L)
Surface	<u>12.4</u>	<u>10.51</u>
1	<u>12.4</u>	<u>10.15</u>
Bottom	<u>12.3</u>	<u>10.86</u>
<u>0.5 m</u>	<u>12.4</u>	<u>10.15</u>
<u>1 m</u>	<u>12.3</u>	<u>10.86</u>
<u>bottom</u>	<u>11.6</u>	<u>11.2</u>

Station 3: Marsh

Secchi (ft) 2.3 on bottom Ambient Temp. (°C) _____

Depth (m)	Temp. (°C)	Oxygen (mg/L)
Under Plants	<u>12.2 surface</u>	<u>10.72</u>
Surface outside plants	<u>12.2</u>	<u>10.65</u>
Bottom outside plants	_____	_____

Station 4: Bridge North South Drive

Secchi (ft) _____ Ambient Temp. (°C) _____

Depth (m)	Temp. (°C)	Oxygen (mg/L)
Surface	_____	_____
Bottom	_____	_____

Station 5: Hume Pond

Secchi (ft) _____ Ambient Temp. (°C) _____

Depth (m)	Temp. (°C)	Oxygen (mg/L)
Surface	_____	_____

Group # 3

Lake Alice

2/5/09

Station	Depth	Date	pH	total alkalinity mg/L	total hardness mg/L	chloride mg/L	Conductivity @ 25°	chlorophyll µg/L	total phosphorus mg/L
1	Surface	2/5/09	8.1	72	108	31	303	1.18	0.615
	1 m	2/5/09	8.1	72	104	29	302	1.43	0.625
	2 m	2/5/09	8.0	71	108	30.5	301.5	1.09	0.629
2	Surface		8.1	71	108	30	300	1.18	0.608
	1 m		8.1	70	100	30.5	303	1.9	0.622
3	Surface		8.0	71	106	30	301.3	1.14	0.600
4	Surface								
5	Surface								

Sta 1 = deep hole
 Sta 2 = mid-lake
 Sta 3 = edge of marsh
 Sta 4 = storm water inflow
 Sta 5 = Hume Pond